

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091019\
 Data File : BF116927.D
 Acq On : 10 Sep 2019 18:00
 Operator : HP/JU
 Sample : K4656-03MS
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 AU-06-090519MS

Manual Integrations
 APPROVED

mohammad
 9/16/2019 8:56:58 AM

Quant Time: Sep 11 01:08:32 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF083019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 10 17:49:40 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	81217	20.00	ng	0.00
21) Naphthalene-d8	8.12	136	313160	20.00	ng	0.00
39) Acenaphthene-d10	9.87	164	162705	20.00	ng	0.00
64) Phenanthrene-d10	11.35	188	269856	20.00	ng	0.00
76) Chrysene-d12	13.99	240	171352	20.00	ng	0.00
87) Perylene-d12	15.43	264	153650	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	574616	114.62	ng	0.02
7) Phenol-d6	6.47	99	721547	109.61	ng	0.00
23) Nitrobenzene-d5	7.40	82	535560	97.63	ng	0.00
42) 2,4,6-Tribromophenol	10.66	330	189664	174.37	ng	0.00
45) 2-Fluorobiphenyl	9.19	172	923289	95.72	ng	0.00
79) Terphenyl-d14	12.93	244	937456	101.21	ng	0.00

Target Compounds				Qvalue		
2) 1,4-Dioxane	2.70	88	78404	33.879	ng	# 83
3) Pyridine	3.45	79	121151	18.081	ng	93
4) n-Nitrosodimethylamine	3.35	42	86667	37.666	ng	90
6) Aniline	6.50	93	79027	8.668	ng	# 66
8) 2-Chlorophenol	6.63	128	246640	45.068	ng	98
9) Benzaldehyde	6.38	77	19732	4.550	ng	95
10) Phenol	6.49	94	277210	38.029	ng	98
11) bis(2-Chloroethyl)ether	6.57	93	241208	42.497	ng	98
12) 1,3-Dichlorobenzene	6.78	146	243580	39.381	ng	97
13) 1,4-Dichlorobenzene	6.85	146	255667	41.519	ng	99
14) 1,2-Dichlorobenzene	7.01	146	236438	41.432	ng	98
15) Benzyl Alcohol	6.98	79	235633	44.097	ng	96
16) 2,2'-oxybis(1-Chloropropan	7.11	45	229425	34.452	ng	86
17) 2-Methylphenol	7.09	107	204326	42.650	ng	97
18) Hexachloroethane	7.35	117	96695	40.417	ng	94
19) n-Nitroso-di-n-propylamine	7.25	70	182147	42.024	ng	91
20) 3+4-Methylphenols	7.25	107	252833	45.390	ng	# 71
22) Acetophenone	7.25	105	373228	49.504	ng	# 95
24) Nitrobenzene	7.42	77	294308	52.752	ng	97
25) Isophorone	7.66	82	512778	46.131	ng	99
26) 2-Nitrophenol	7.73	139	131208	63.257	ng	93
27) 2,4-Dimethylphenol	7.77	122	219093	52.301	ng	99
28) bis(2-Chloroethoxy)methane	7.86	93	307025	45.199	ng	99
29) 2,4-Dichlorophenol	7.97	162	209234	51.973	ng	97
30) 1,2,4-Trichlorobenzene	8.06	180	201545	46.157	ng	97
31) Naphthalene	8.14	128	724252	48.637	ng	100
32) Benzoic acid	7.87	122	60369	25.523	ng	99
33) 4-Chloroaniline	8.19	127	46992	6.933	ng	95
34) Hexachlorobutadiene	8.26	225	110245	46.305	ng	97
35) Caprolactam	8.56	113	51073m	33.899	ng	
36) 4-Chloro-3-methylphenol	8.67	107	249347	53.889	ng	99
37) 2-Methylnaphthalene	8.83	142	493380	49.797	ng	98
38) 1-Methylnaphthalene	8.93	142	459593	49.139	ng	97
40) 1,2,4,5-Tetrachlorobenzene	9.00	216	189847	48.674	ng	# 97

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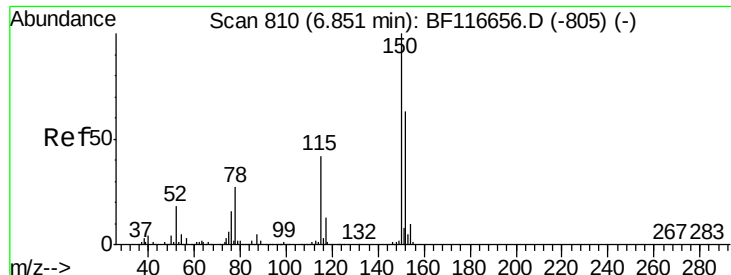
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.99	237	193755	86.025	nq	98
43) 2,4,6-Trichlorophenol	9.11	196	138689	51.872	nq	98
44) 2,4,5-Trichlorophenol	9.16	196	153147	55.173	nq	97
46) 1,1'-Biphenyl	9.29	154	583650	47.274	nq	99
47) 2-Chloronaphthalene	9.32	162	461892	47.234	nq	98
48) 2-Nitroaniline	9.41	65	148837	52.648	nq	97
49) Acenaphthylene	9.73	152	733687	49.635	nq	99
50) Dimethylphthalate	9.59	163	594427	52.917	nq	98
51) 2,6-Dinitrotoluene	9.65	165	123778	57.754	nq	97
52) Acenaphthene	9.90	154	428678	47.199	nq	99
53) 3-Nitroaniline	9.82	138	65660	24.447	nq	97
54) 2,4-Dinitrophenol	9.93	184	76326	98.066	nq	94
55) Dibenzofuran	10.07	168	648746	50.669	nq	97
56) 4-Nitrophenol	9.99	139	185483	100.717	nq	96
57) 2,4-Dinitrotoluene	10.06	165	168742	64.390	nq	97
58) Fluorene	10.42	166	521794	53.485	nq	99
59) 2,3,4,6-Tetrachlorophenol	10.20	232	117204	58.506	nq	94
60) Diethylphthalate	10.29	149	564284	50.149	nq	99
61) 4-Chlorophenyl-phenylether	10.41	204	221857	51.932	nq	97
62) 4-Nitroaniline	10.43	138	131816	50.571	nq	96
63) Azobenzene	10.57	77	575024	49.010	nq	94
65) 4,6-Dinitro-2-methylphenol	10.47	198	58788	57.420	nq	89
66) n-Nitrosodiphenylamine	10.53	169	462536	49.547	nq	97
67) 4-Bromophenyl-phenylether	10.90	248	132838	48.457	nq	95
68) Hexachlorobenzene	10.97	284	137948	48.096	nq	97
69) Atrazine	11.05	200	98759	37.773	nq	97
70) Pentachlorophenol	11.16	266	158985	114.586	nq	100
71) Phenanthrene	11.38	178	748570	49.832	nq	99
72) Anthracene	11.43	178	766667	50.700	nq	100
73) Carbazole	11.58	167	722660	50.170	nq	99
74) Di-n-butylphthalate	11.91	149	878310	47.564	nq	99
75) Fluoranthene	12.56	202	743789	50.383	nq	98
77) Benzidine	12.69	184	2963	0.441	nq	# 1
78) Pyrene	12.79	202	751354	49.327	nq	99
80) Butylbenzylphthalate	13.40	149	373660	50.445	nq	98
81) Benzo(a)anthracene	13.97	228	560079	51.645	nq	99
82) 3,3'-Dichlorobenzidine	13.93	252	59287	16.177	nq	97
83) Chrysene	14.02	228	550693	49.289	nq	98
84) Bis(2-ethylhexyl)phthalate	13.96	149	504641	55.190	nq	99
85) Di-n-octyl phthalate	14.57	149	797685	53.309	nq	# 95
86) Indeno(1,2,3-cd)pyrene	16.89	276	477295	53.185	nq	98
88) Benzo(b)fluoranthene	15.02	252	489701	52.716	nq	98
89) Benzo(k)fluoranthene	15.04	252	409213	48.314	nq	99
90) Benzo(a)pyrene	15.38	252	422235	52.244	nq	98
91) Dibenzo(a,h)anthracene	16.90	278	399598	56.487	nq	99
92) Benzo(g,h,i)perylene	17.32	276	406002	56.274	nq	96

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



#1

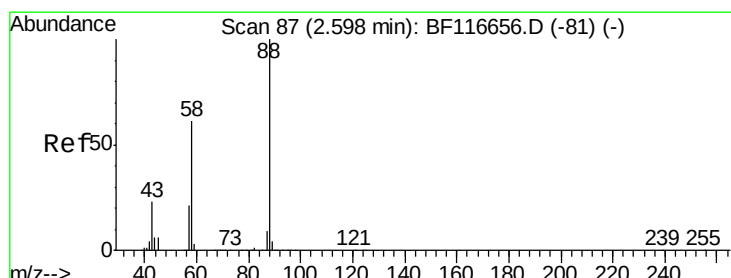
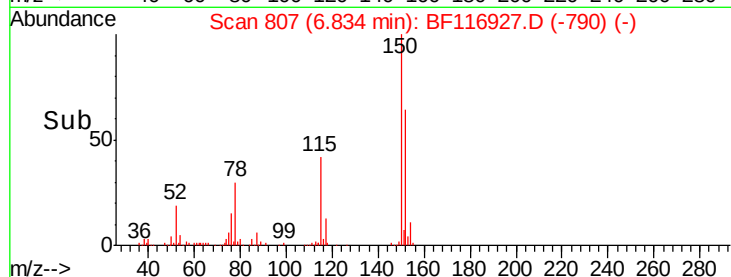
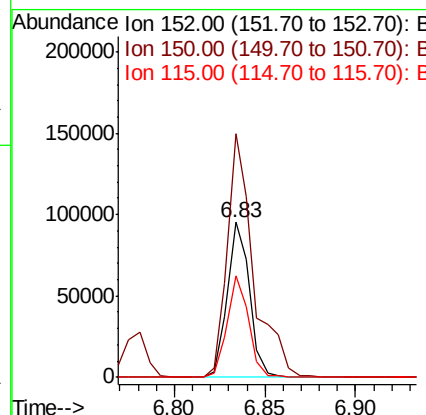
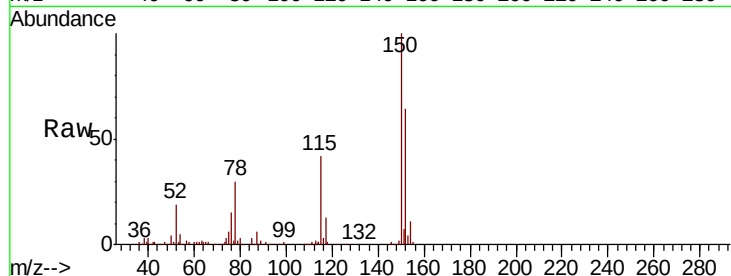
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.83 min Scan# 807
Delta R.T. 0.00 min
Lab File: BF116927.D
Acq: 10 Sep 2019 18:00

Instrument :
BNA_F
ClientSampleId :
AU-06-090519MS

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.3	124.4	186.6
115	65.3	49.9	74.9

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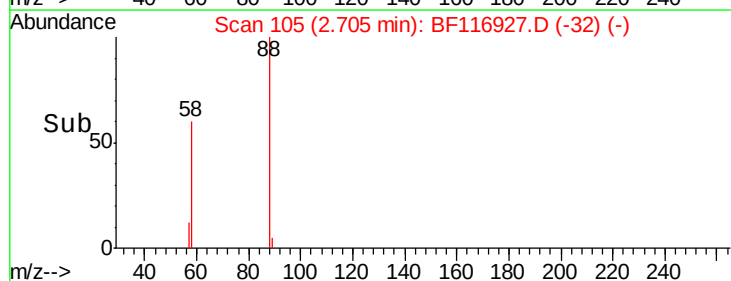
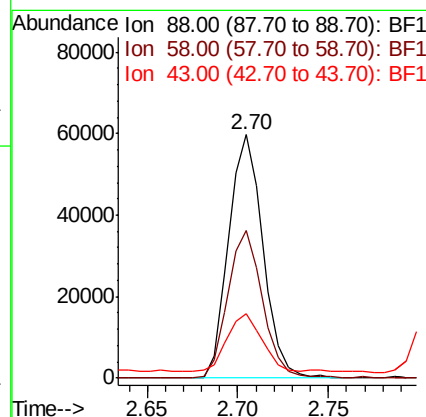
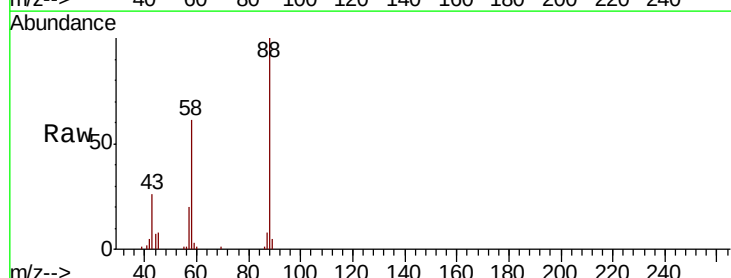
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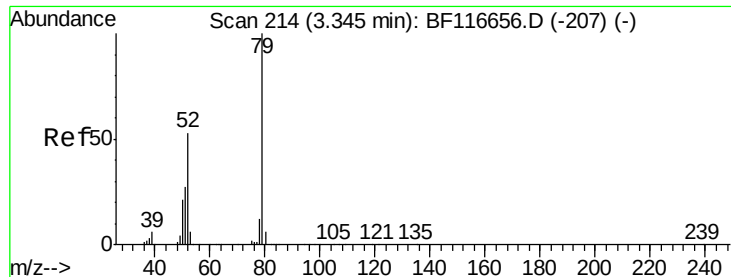


#2

1,4-Dioxane
Concen: 33.879 ng
RT: 2.70 min Scan# 105
Delta R.T. 0.13 min
Lab File: BF116927.D
Acq: 10 Sep 2019 18:00

Tgt Ion	Ratio	Lower	Upper
88	100		
58	61.5	51.7	77.5
43	0.0	19.8	29.8





#3

Pvridine

Concen: 18.081 ng

RT: 3.45 min Scan# 231

Delta R.T. 0.13 min

Lab File: BF116927.D

Acq: 10 Sep 2019 18:00

Instrument :

BNA_F

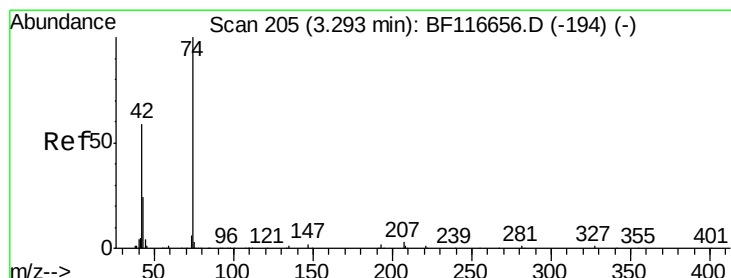
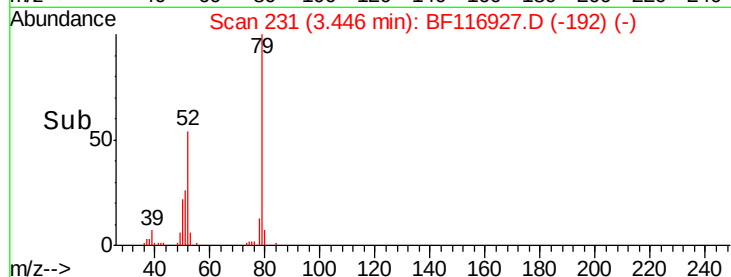
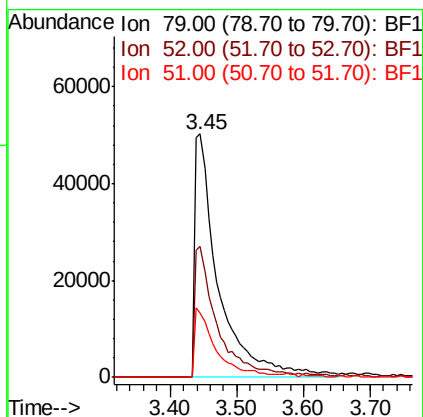
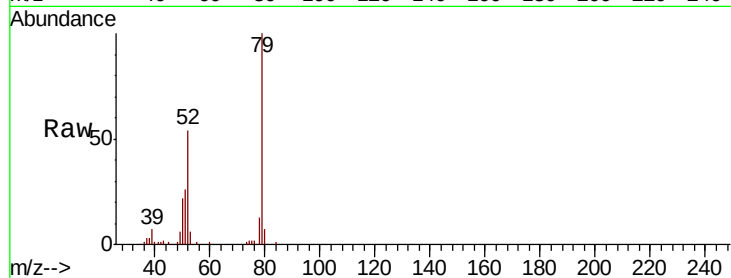
ClientSampleId :

AU-06-090519MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
79	100				
52	53.7		47.4	71.0	
51	26.3		24.1	36.1	

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#4

n-Nitrosodimethylamine

Concen: 37.666 ng

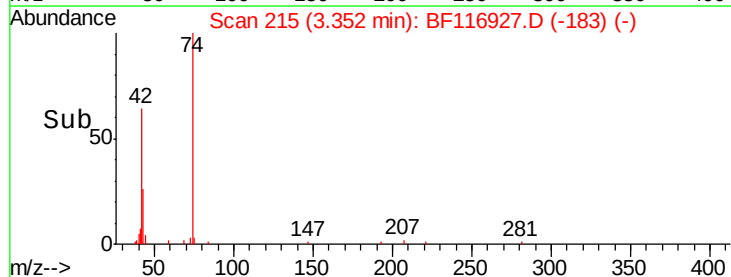
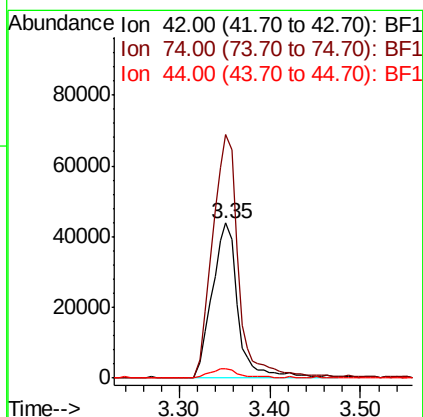
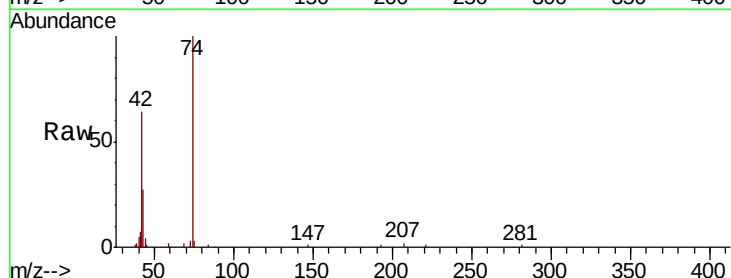
RT: 3.35 min Scan# 215

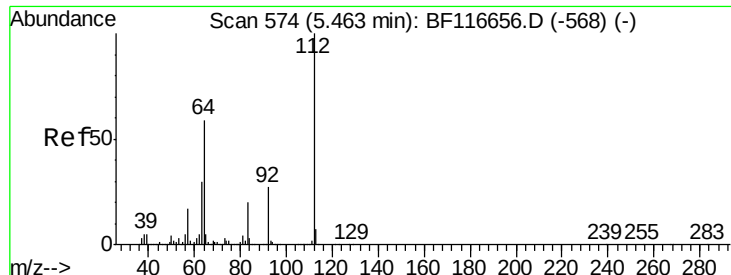
Delta R.T. 0.09 min

Lab File: BF116927.D

Acq: 10 Sep 2019 18:00

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
42	100				
74	156.9		115.6	173.4	
44	6.3		4.6	7.0	





#5

2-Fluorophenol

Concen: 114.620 ng

RT: 5.47 min Scan# 575

Delta R.T. 0.02 min

Lab File: BF116927.D

Acq: 10 Sep 2019 18:00

Instrument :

BNA_F

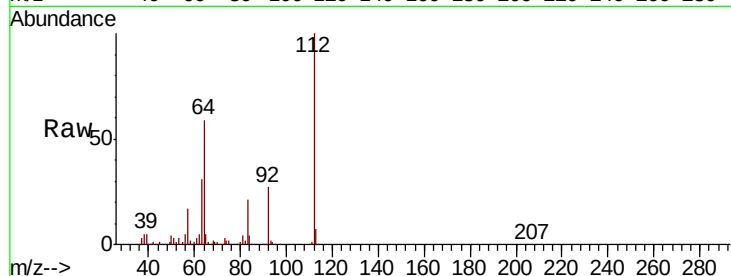
ClientSampleId :

AU-06-090519MS

Tot Ion	Ratio	Resp	Lower	Upper
112	100	574616		
64	59.0		47.1	70.7
63	31.2		24.9	37.3

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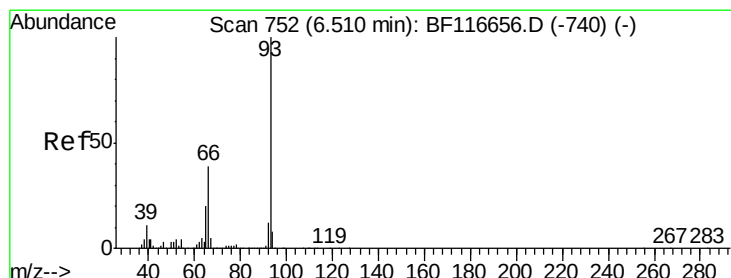
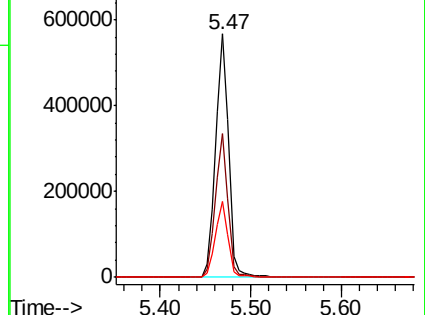
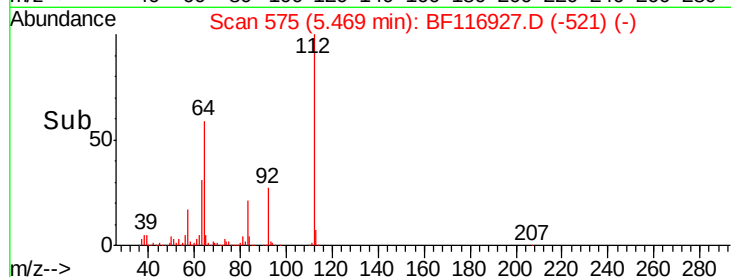


Abundance Ion 112.00 (111.70 to 112.70): BF116656.D (-568) (-)

Ion 64.00 (63.70 to 64.70): BF116656.D (-568) (-)

Ion 63.00 (62.70 to 63.70): BF116656.D (-568) (-)

Time-->



#6

Aniline

Concen: 8.668 ng

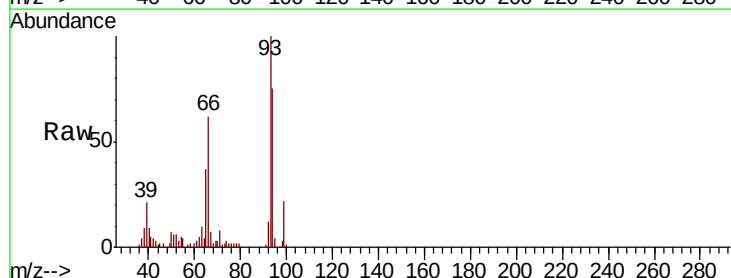
RT: 6.50 min Scan# 750

Delta R.T. 0.00 min

Lab File: BF116927.D

Acq: 10 Sep 2019 18:00

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	79027		
66	61.8		32.7	49.1#
65	36.6		16.3	24.5#

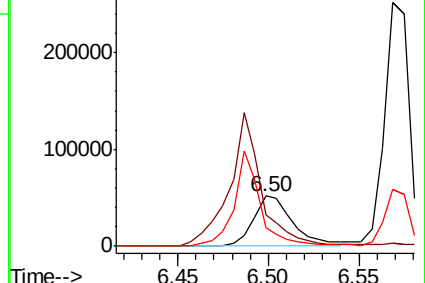
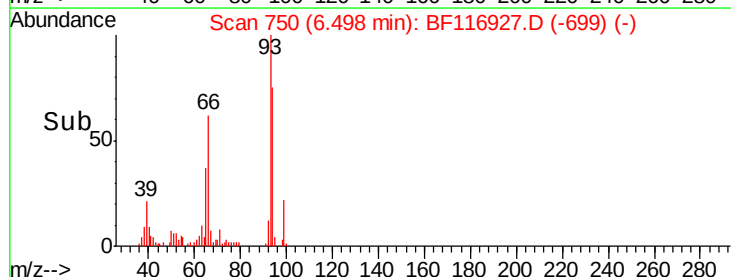


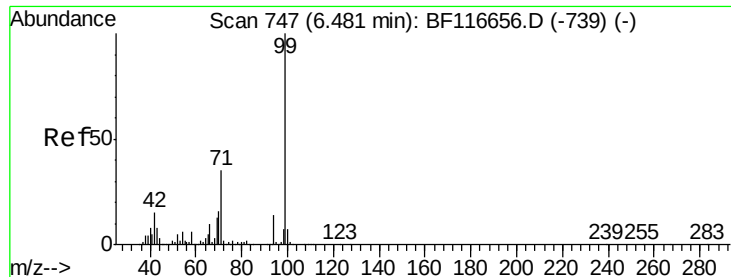
Abundance Ion 93.00 (92.70 to 93.70): BF116656.D (-740) (-)

Ion 66.00 (65.70 to 66.70): BF116656.D (-740) (-)

Ion 65.00 (64.70 to 65.70): BF116656.D (-740) (-)

Time-->





#7

Phenol-d6

Concen: 109.609 ng

RT: 6.47 min Scan# 746

Delta R.T. 0.00 min

Lab File: BF116927.D

Acq: 10 Sep 2019 18:00

Instrument :

BNA_F

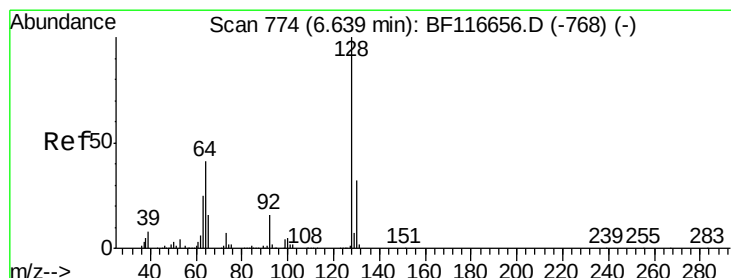
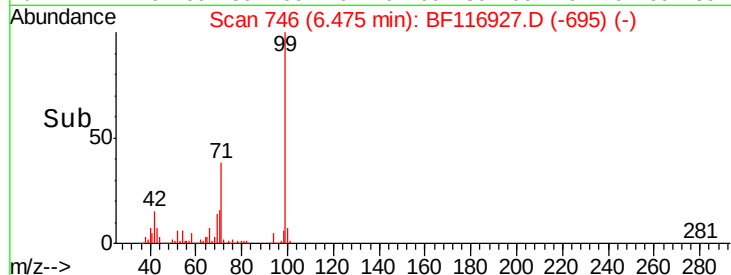
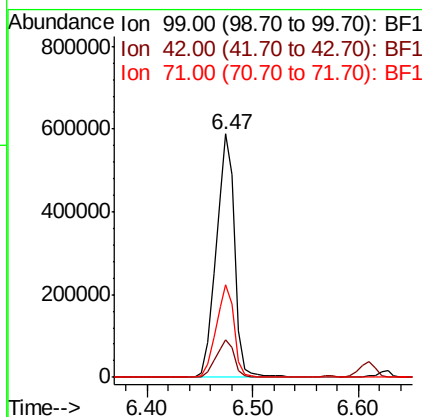
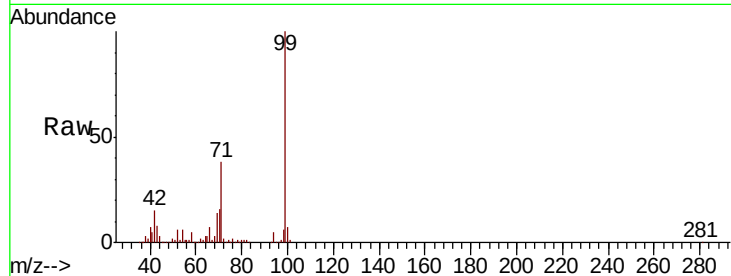
ClientSampleId :

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Tot Ion	Ion	Ratio	Resp	Lower	Upper
99	100		721547		
42	15.5	13.7	20.5		
71	38.3	30.8	46.2		

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#8

2-Chlorophenol

Concen: 45.068 ng

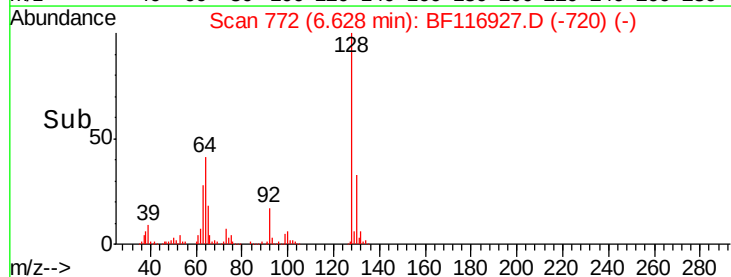
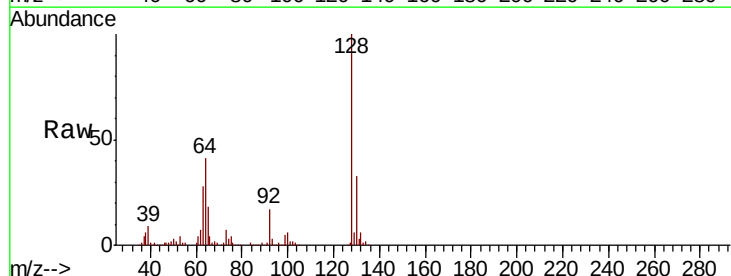
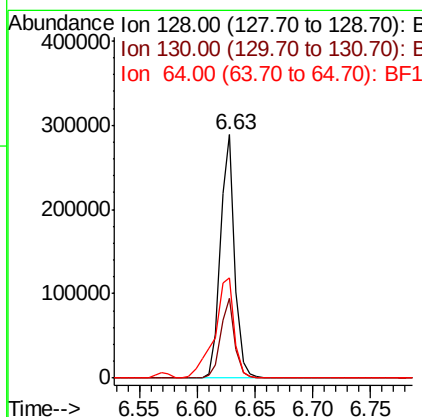
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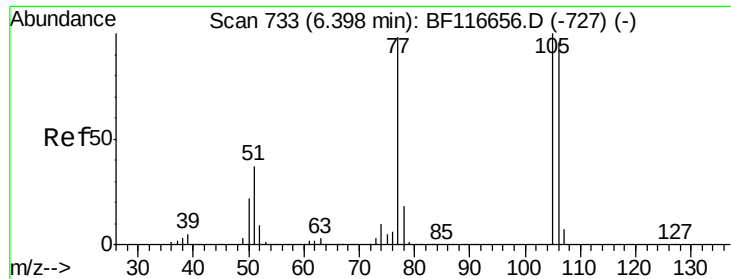
Delta R.T. 0.01 min

Lab File: BF116927.D

Acq: 10 Sep 2019 18:00

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
128	100		246640		
130	32.9	12.3	52.3		
64	41.3	22.5	62.5		





#9

Benzaldehyde

Concen: 4.550 ng

RT: 6.38 min Scan# 730

Delta R.T. -0.01 min

Lab File: BF116927.D

Acq: 10 Sep 2019 18:00

Instrument :

BNA_F

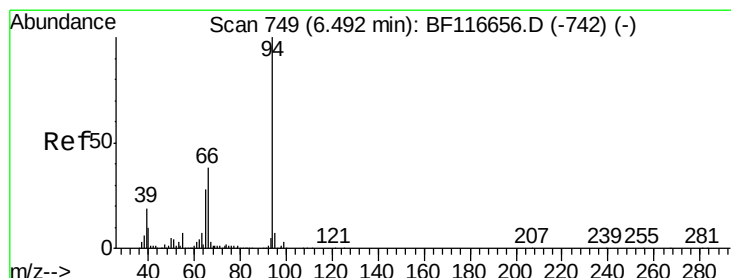
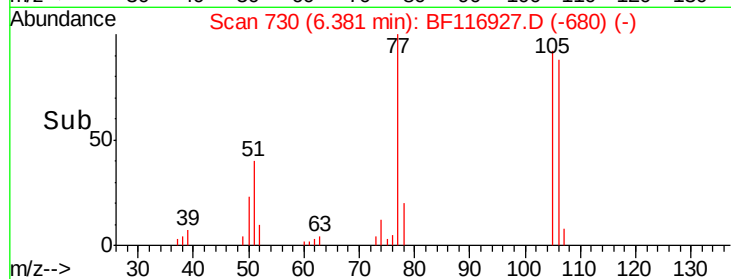
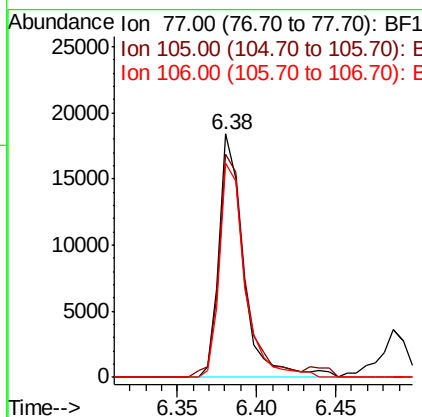
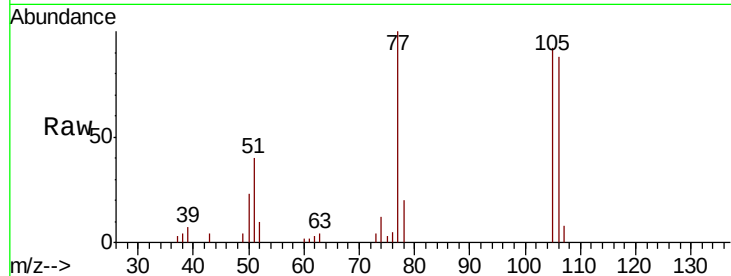
ClientSampleId :

AU-06-090519MS

Tot Ion:	77	Resp:	19732
Ion	Ratio	Lower	Upper
77	100		
105	91.6	76.7	116.7
106	88.1	73.1	113.1

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#10

Phenol

Concen: 38.029 ng

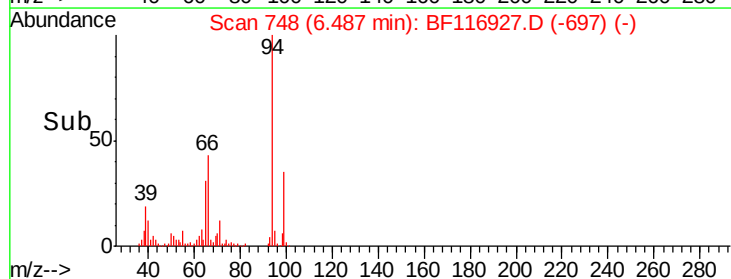
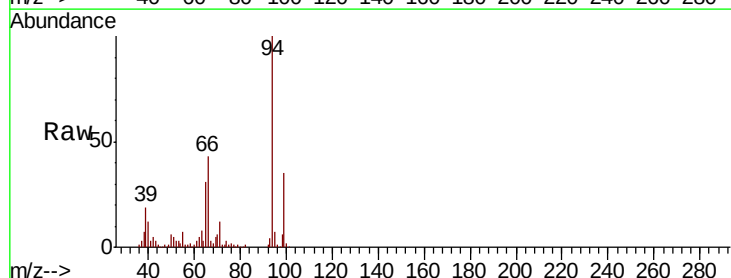
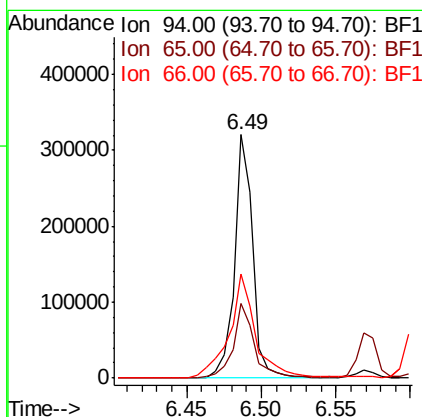
RT: 6.49 min Scan# 748

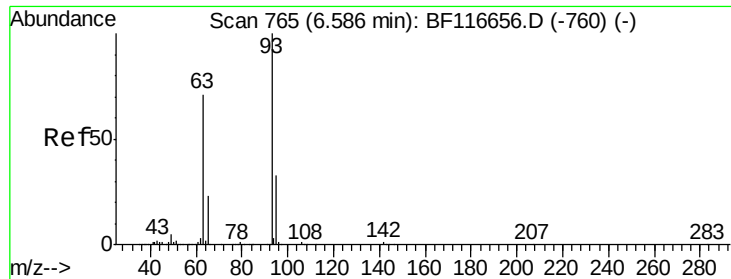
Delta R.T. 0.00 min

Lab File: BF116927.D

Acq: 10 Sep 2019 18:00

Tgt Ion:	94	Resp:	277210
Ion	Ratio	Lower	Upper
94	100		
65	30.6	10.8	50.8
66	42.9	21.1	61.1





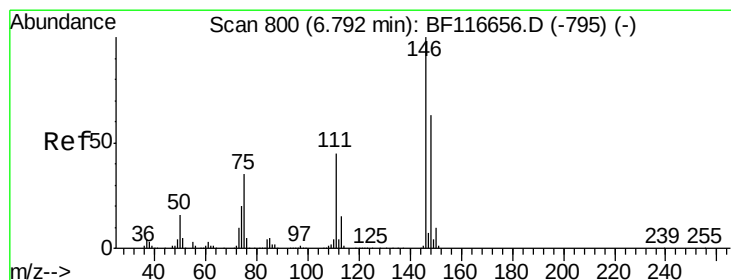
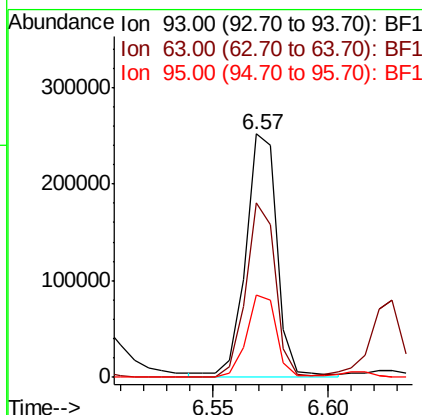
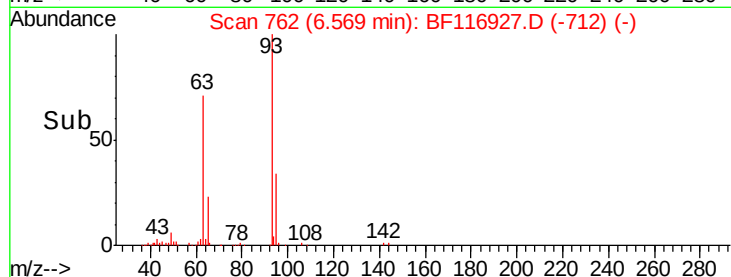
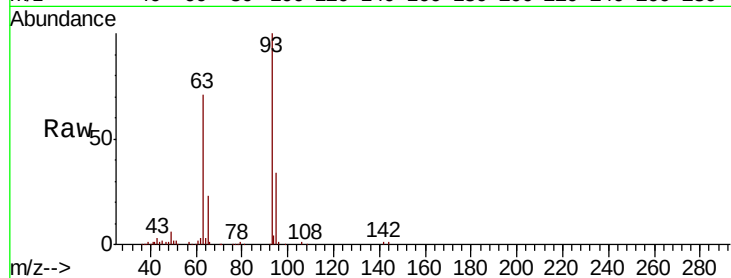
#11
bis(2-Chloroethyl)ether
Concen: 42.497 ng
RT: 6.57 min Scan# 762
Delta R.T. -0.01 min
Lab File: BF116927.D
Acq: 10 Sep 2019 18:00

Instrument :
BNA_F
ClientSampleId :
AU-06-090519MS

Tot Ion	Ratio	Lower	Upper
93	100		
63	71.4	49.9	89.9
95	33.6	12.7	52.7

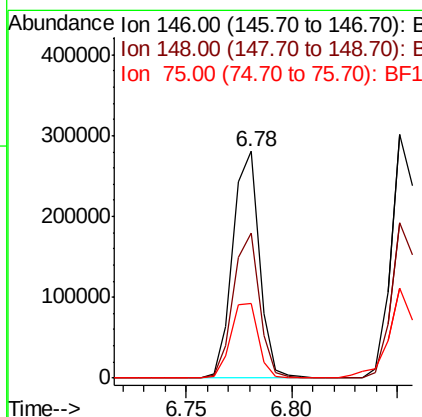
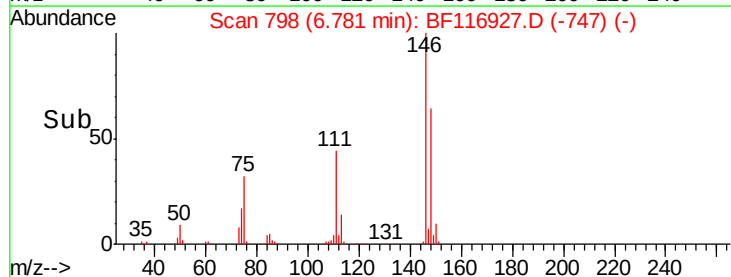
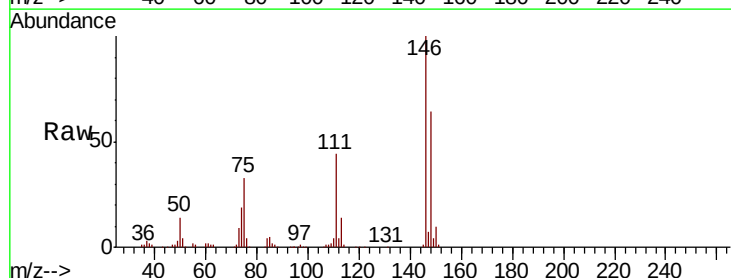
Manual Integrations
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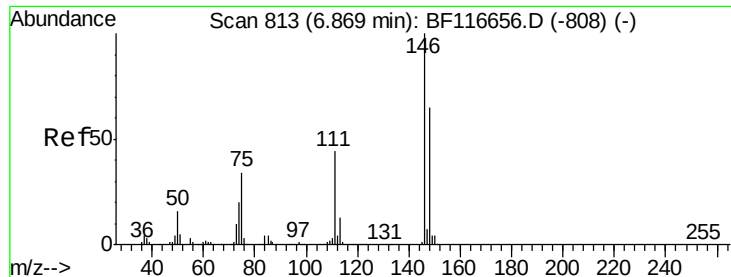
mohammad
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#12
1,3-Dichlorobenzene
Concen: 39.381 ng
RT: 6.78 min Scan# 798
Delta R.T. 0.00 min
Lab File: BF116927.D
Acq: 10 Sep 2019 18:00

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.9	51.4	77.0
75	33.1	29.6	44.4





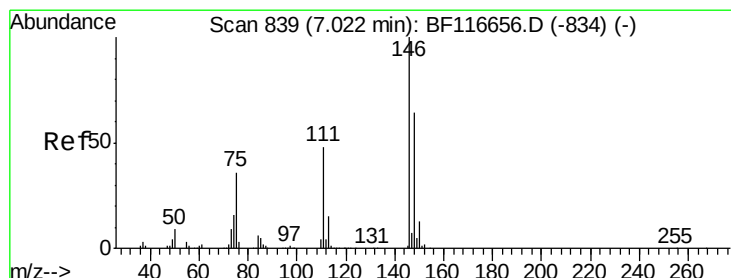
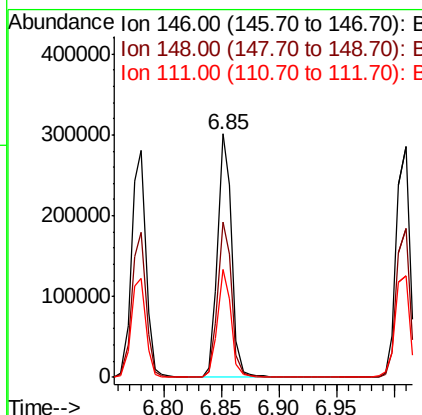
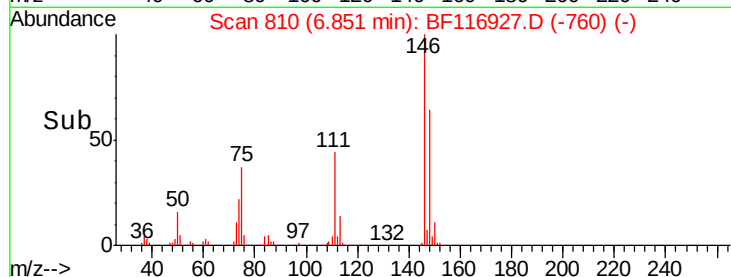
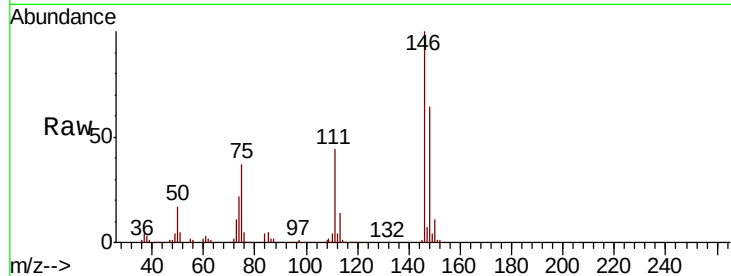
#13
 1,4-Dichlorobenzene
 Concen: 41.519 ng
 RT: 6.85 min Scan# 810
 Delta R.T. -0.01 min
 Lab File: BF116927.D
 Acq: 10 Sep 2019 18:00

Instrument :
 BNA_F
 ClientSampleId :
 AU-06-090519MS

Tot Ion	Ratio	Lower	Upper
146	100		
148	63.7	51.4	77.2
111	44.3	34.8	52.2

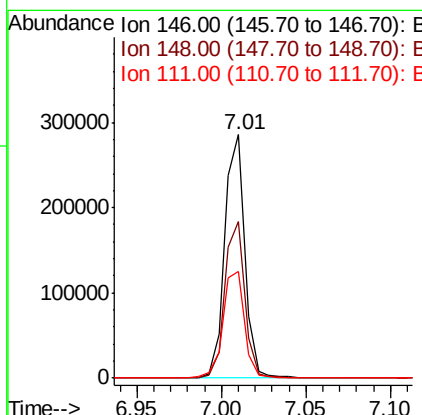
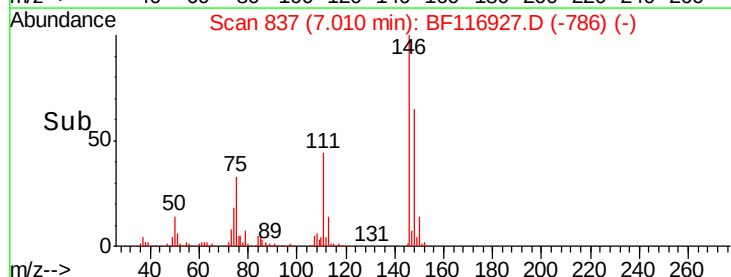
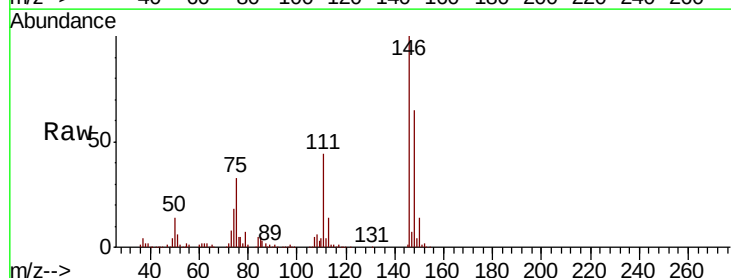
Manual Integrations
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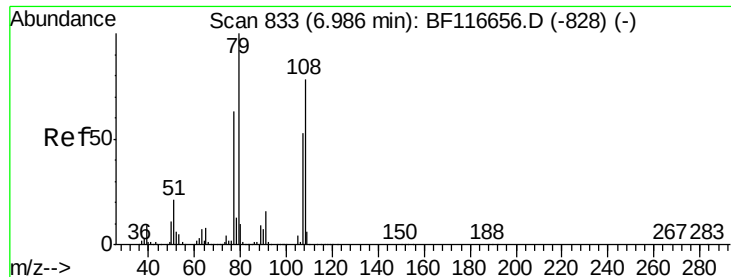
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#14
 1,2-Dichlorobenzene
 Concen: 41.432 ng
 RT: 7.01 min Scan# 837
 Delta R.T. 0.00 min
 Lab File: BF116927.D
 Acq: 10 Sep 2019 18:00

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.5	52.6	78.8
111	43.9	34.2	51.4





#15

Benzyl Alcohol

Concen: 44.097 ng

RT: 6.98 min Scan# 832

Delta R.T. 0.00 min

Lab File: BF116927.D

Acq: 10 Sep 2019 18:00

Instrument :

BNA_F

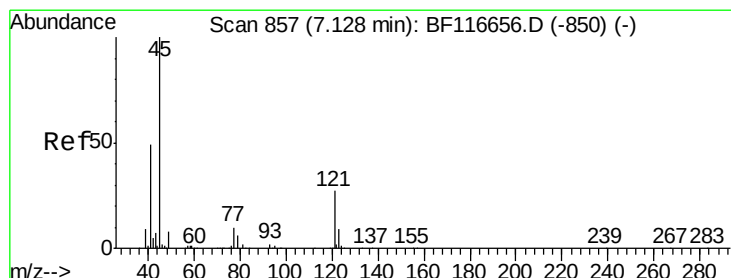
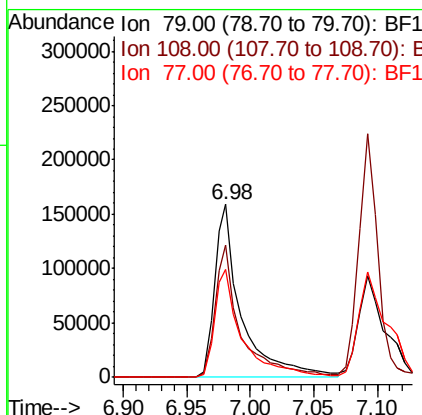
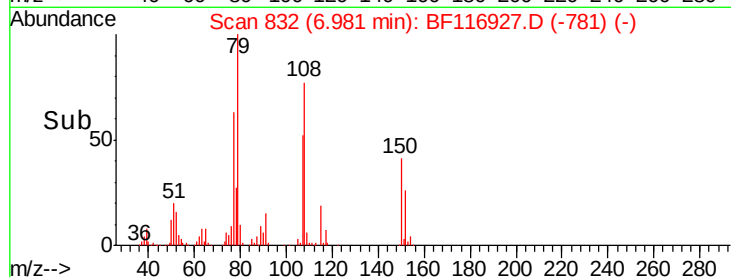
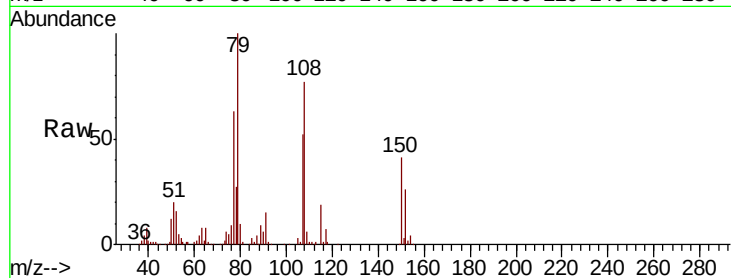
ClientSampleId :

AU-06-090519MS

Tot Ion:	79	Resp:	235633
Ion Ratio	Lower	Upper	
79	100		
108	76.5	59.2	88.8
77	62.9	53.0	79.4

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#16

2,2'-oxybis(1-chloropropane)

Concen: 34.452 ng

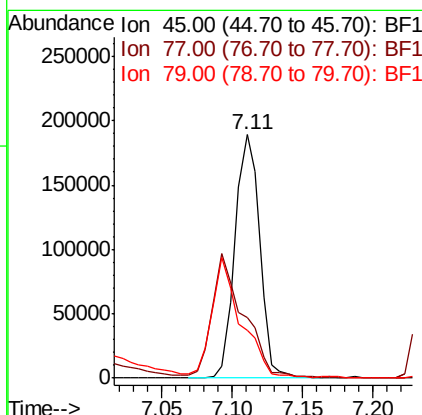
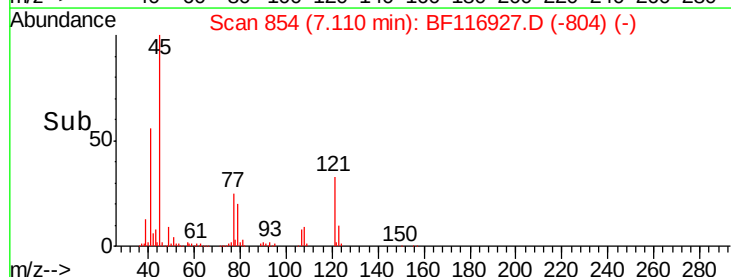
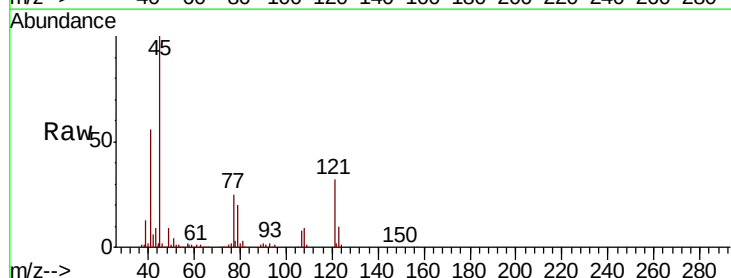
RT: 7.11 min Scan# 854

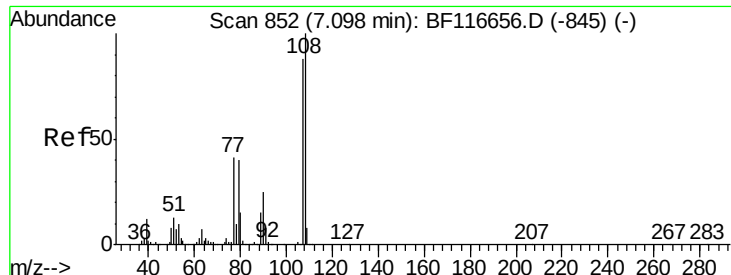
Delta R.T. -0.01 min

Lab File: BF116927.D

Acq: 10 Sep 2019 18:00

Tgt Ion:	45	Resp:	229425
Ion Ratio	Lower	Upper	
45	100		
77	24.8	0.0	38.2
79	19.6	0.0	33.9





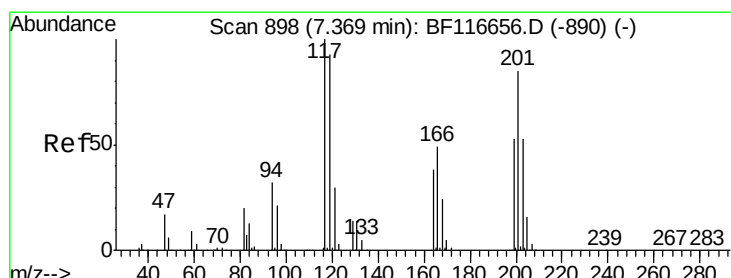
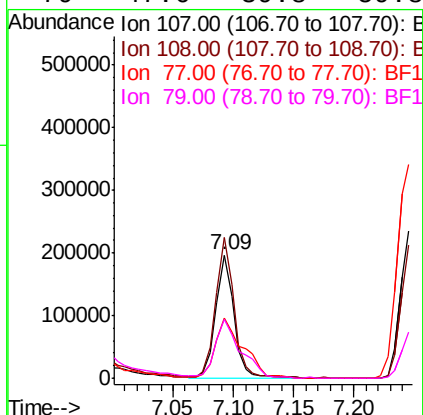
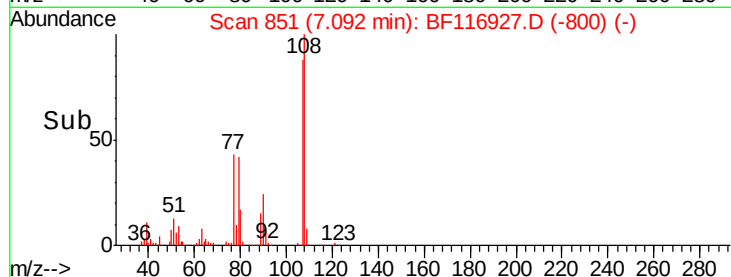
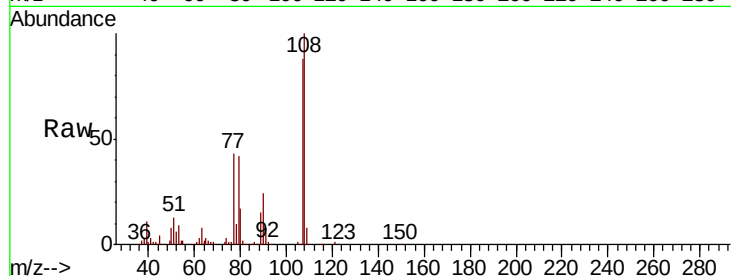
#17
2-Methylphenol
Concen: 42.650 ng
RT: 7.09 min Scan# 851
Delta R.T. 0.00 min
Lab File: BF116927.D
Acq: 10 Sep 2019 18:00

Instrument :
BNA_F
ClientSampled :
AU-06-090519MS

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	114.0	88.3	132.5	
77	49.4	39.9	59.9	
79	47.6	39.8	59.8	

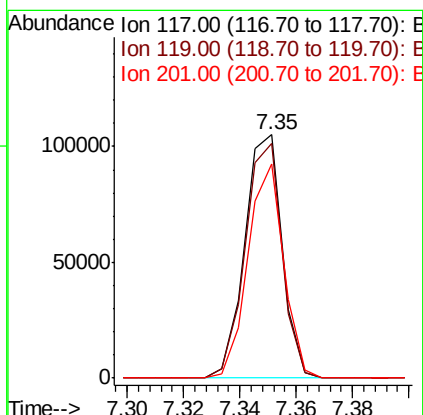
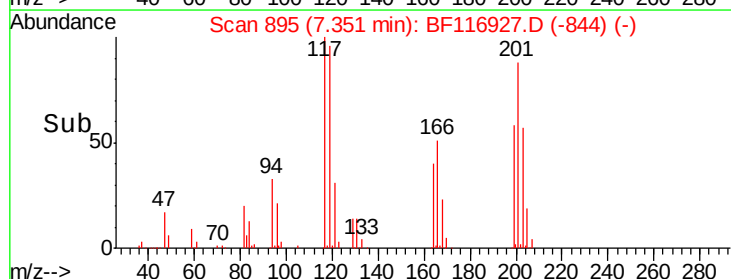
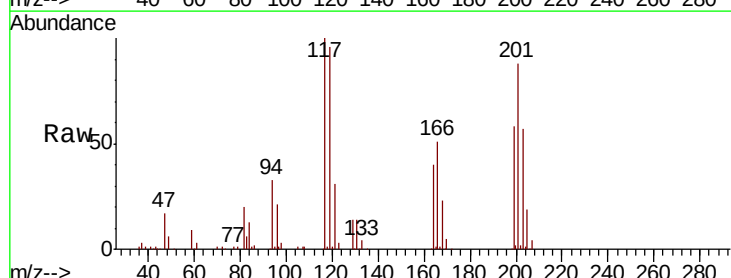
Manual Integrations
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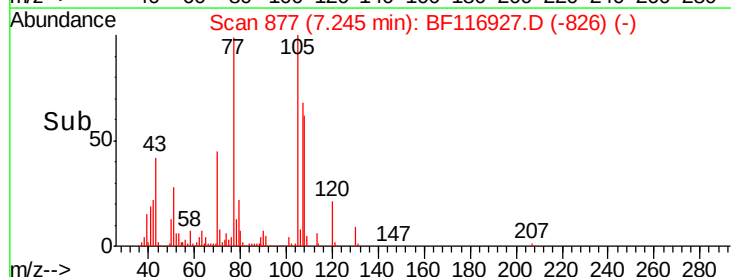
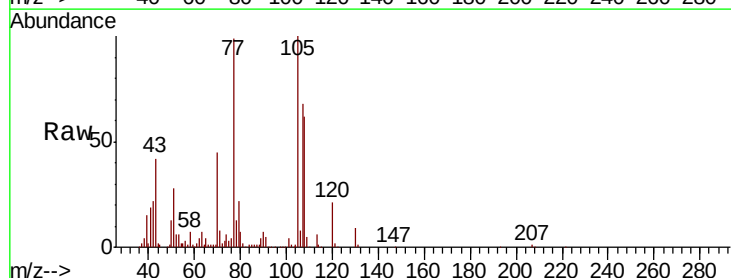
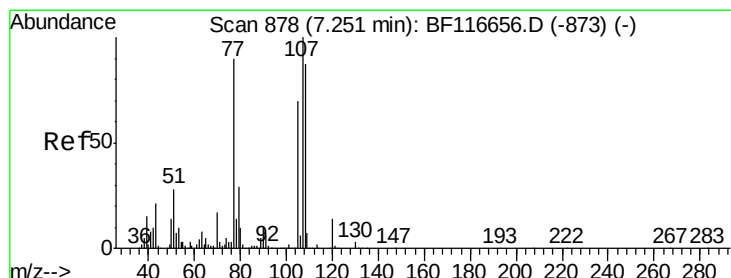
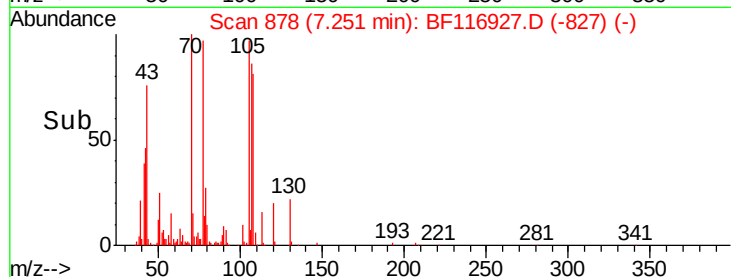
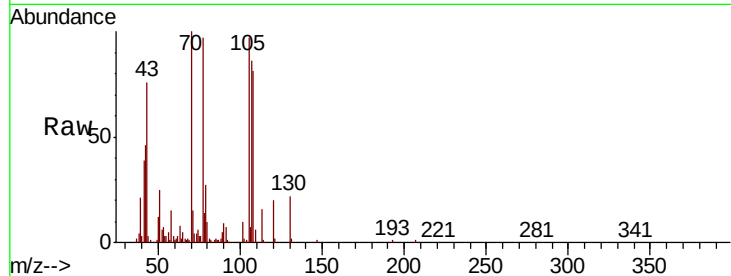
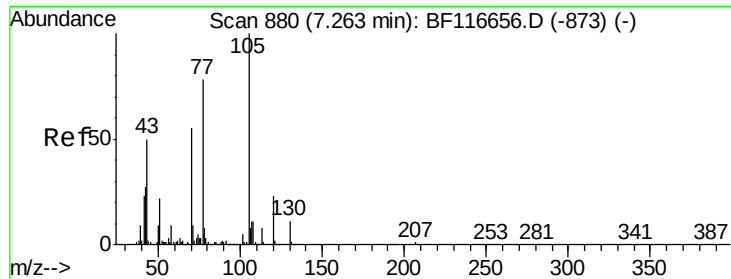
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#18
Hexachloroethane
Concen: 40.417 ng
RT: 7.35 min Scan# 895
Delta R.T. 0.00 min
Lab File: BF116927.D
Acq: 10 Sep 2019 18:00

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	96.2	76.9	115.3	
201	88.0	79.4	119.0	





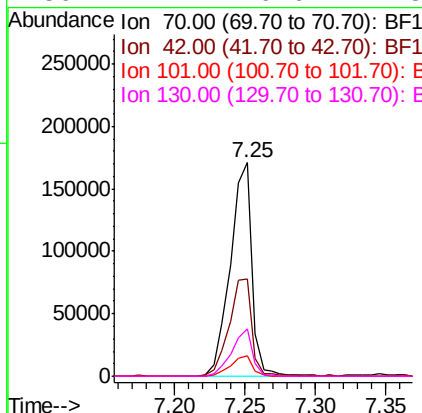
#19
n-Nitroso-di-n-propylamine
Concen: 42.024 ng
RT: 7.25 min Scan# 878
Delta R.T. 0.00 min
Lab File: BF116927.D
Acq: 10 Sep 2019 18:00

Instrument :
BNA_F
ClientSampleId :
AU-06-090519MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
70	100				
42	45.7	43.5	65.3		
101	9.7	7.8	11.6		
130	22.4	16.6	24.8		

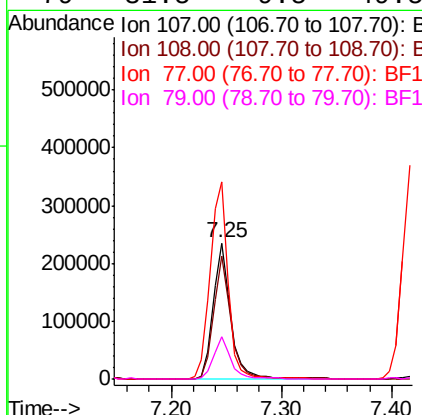
Manual Integrations
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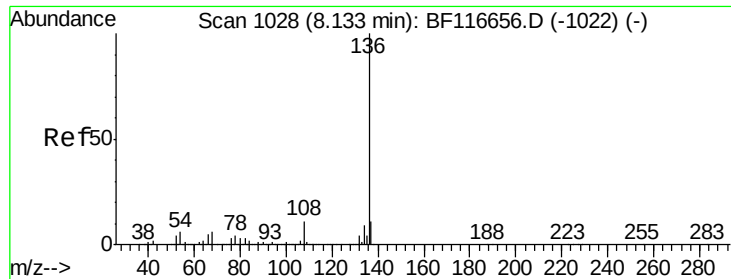
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#20
3+4-Methylphenols
Concen: 45.390 ng
RT: 7.25 min Scan# 877
Delta R.T. 0.00 min
Lab File: BF116927.D
Acq: 10 Sep 2019 18:00

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100				
108	90.6	65.5	105.5		
77	144.9	69.4	109.4#		
79	31.5	9.5	49.5		





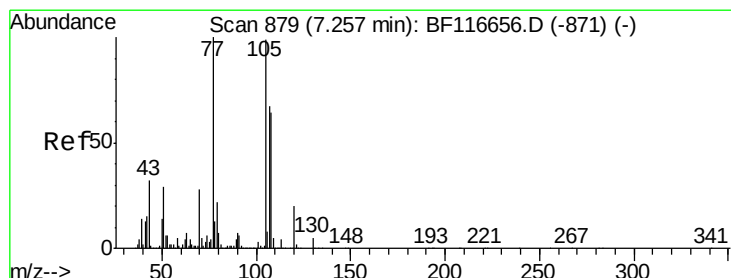
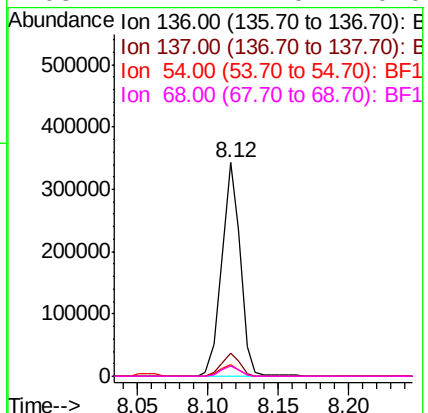
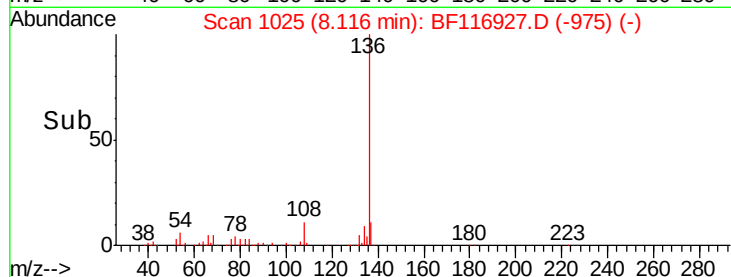
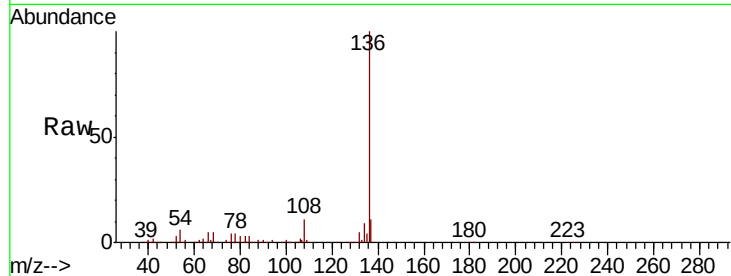
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.12 min Scan# 1025
Delta R.T. -0.01 min
Lab File: BF116927.D
Acq: 10 Sep 2019 18:00

Instrument :
BNA_F
ClientSampleId :
AU-06-090519MS

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	10.9	8.9	13.3	
54	5.7	4.8	7.2	
68	4.7	4.0	6.0	

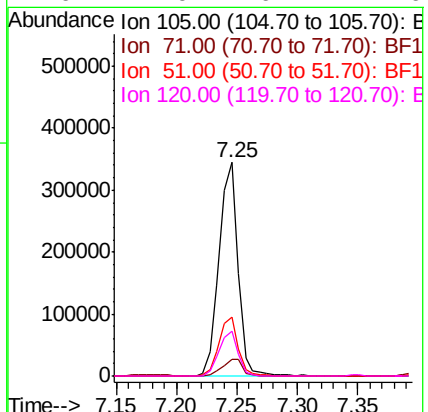
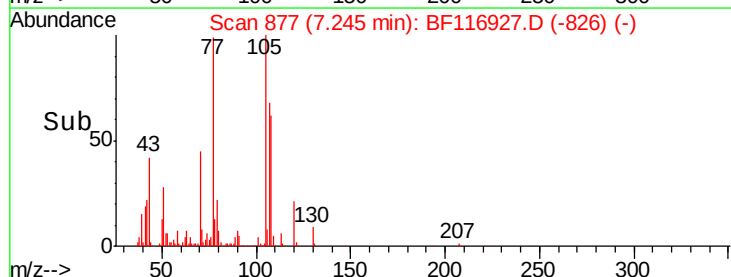
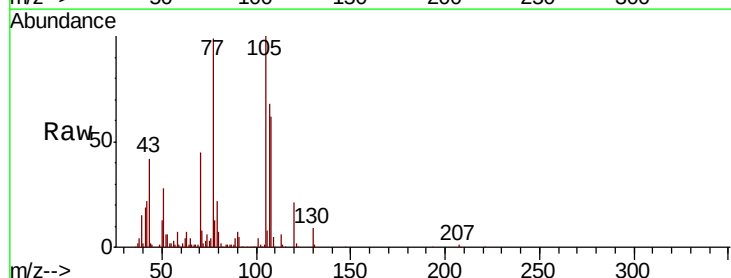
Manual Integrations
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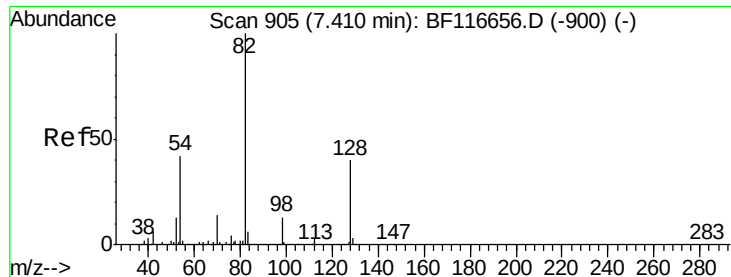
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#22
Acetophenone
Concen: 49.504 ng
RT: 7.25 min Scan# 877
Delta R.T. 0.00 min
Lab File: BF116927.D
Acq: 10 Sep 2019 18:00

Tgt Ion	Ratio	Resp	Lower	Upper
105	100			
71	7.6	4.2	6.4#	
51	27.8	25.8	38.8	
120	21.0	16.4	24.6	





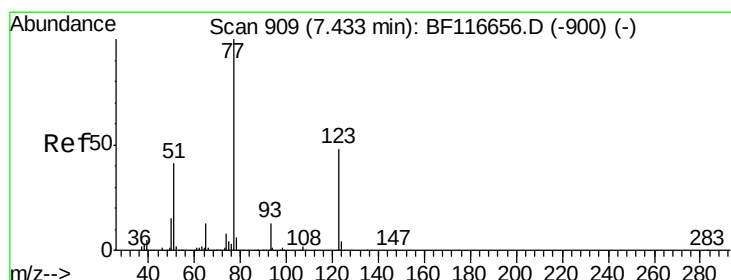
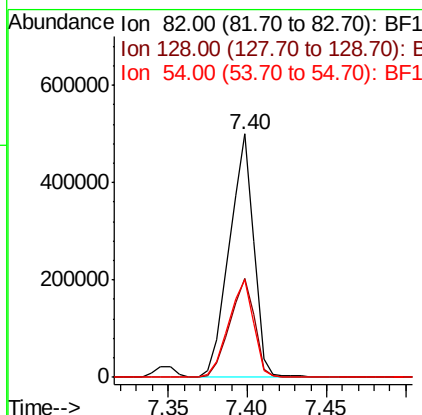
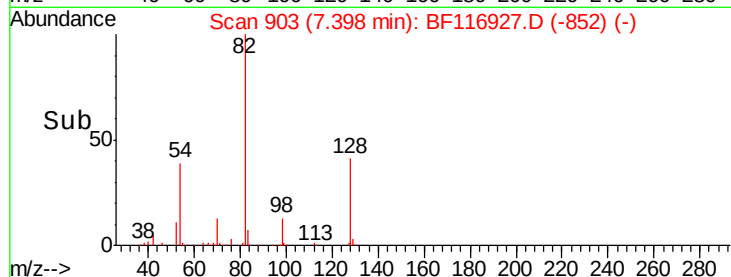
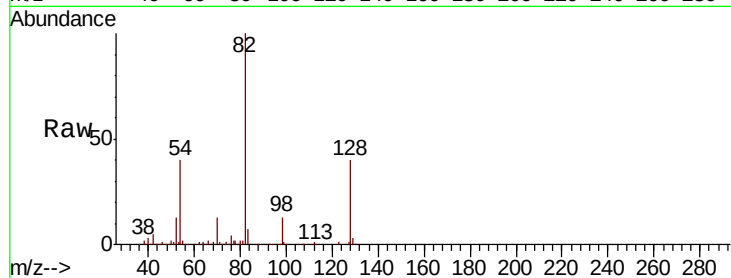
#23
 Nitrobenzene-d5
 Concen: 97.630 ng
 RT: 7.40 min Scan# 903
 Delta R.T. 0.00 min
 Lab File: BF116927.D
 Acq: 10 Sep 2019 18:00

Instrument :
 BNA_F
 ClientSampleId :
 AU-06-090519MS

Tot Ion	82	Resp	535560
Ion Ratio	Lower	Upper	
82	100		
128	40.5	32.8	49.2
54	40.0	36.9	55.3

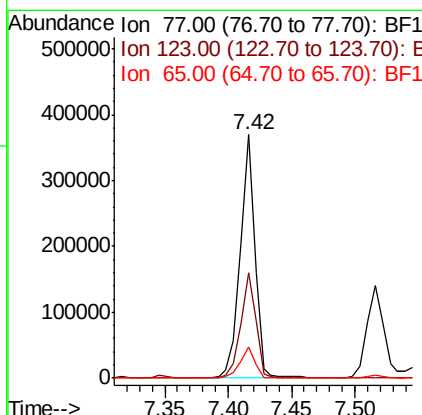
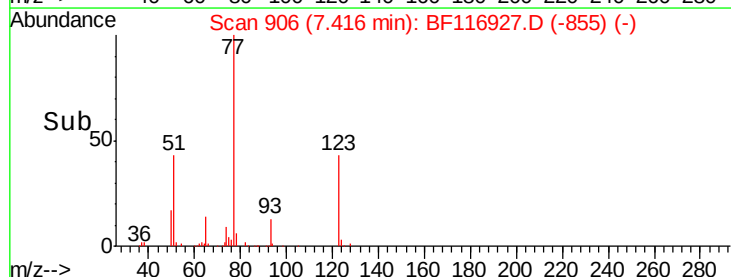
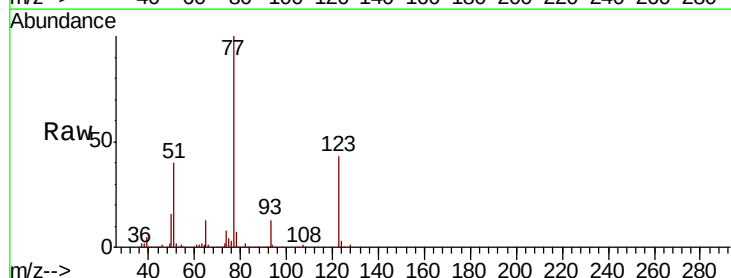
Manual Integrations
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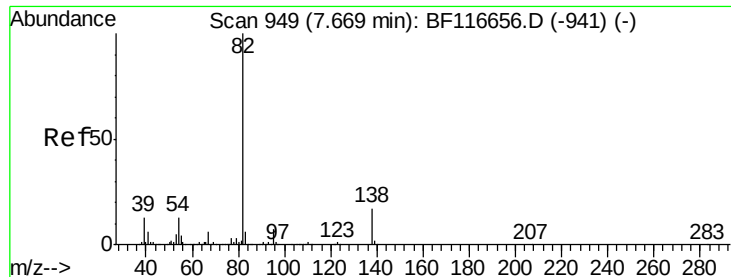
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#24
 Nitrobenzene
 Concen: 52.752 ng
 RT: 7.42 min Scan# 906
 Delta R.T. 0.00 min
 Lab File: BF116927.D
 Acq: 10 Sep 2019 18:00

Tgt Ion	77	Resp	294308
Ion Ratio	Lower	Upper	
77	100		
123	43.4	33.1	49.7
65	12.9	10.6	15.8





#25

Isophorone

Concen: 46.131 ng

RT: 7.66 min Scan# 947

Delta R.T. 0.00 min

Lab File: BF116927.D

Acq: 10 Sep 2019 18:00

Instrument :

BNA_F

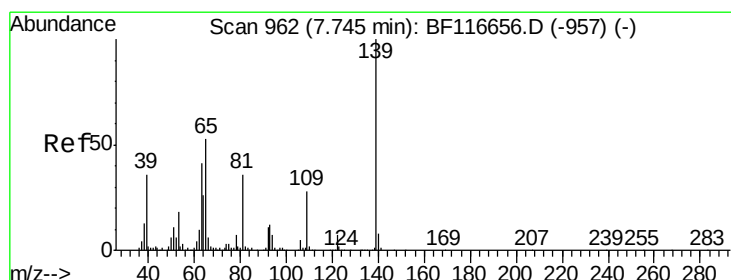
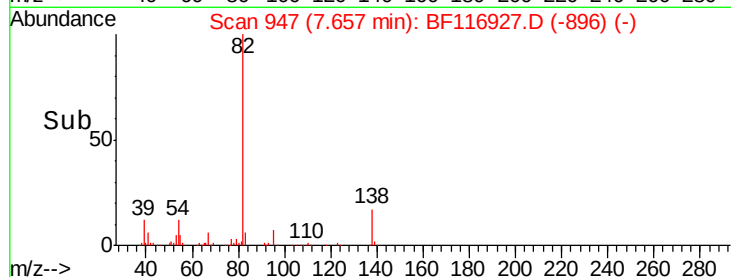
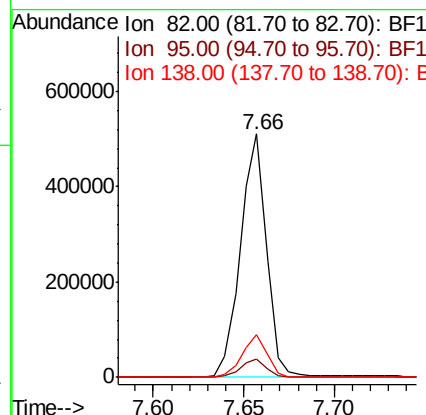
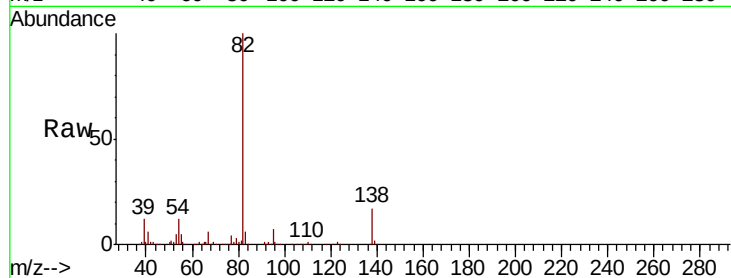
ClientSampleId :

AU-06-090519MS

Tot Ion	82	Resp	512778
Ion Ratio	Lower	Upper	
82	100		
95	7.3	5.8	8.6
138	17.3	13.5	20.3

Manual Integrations
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#26

2-Nitrophenol

Concen: 63.257 ng

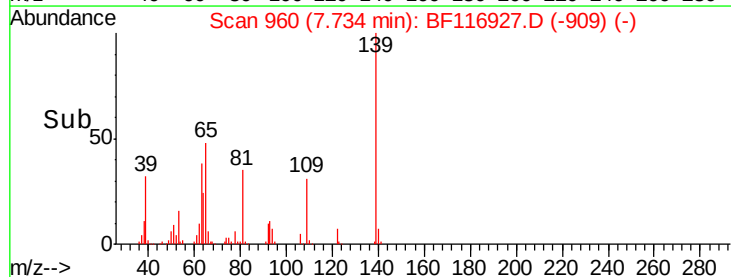
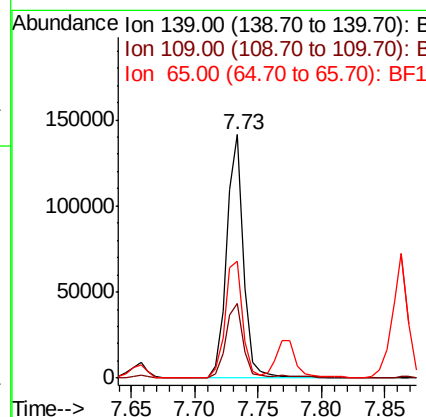
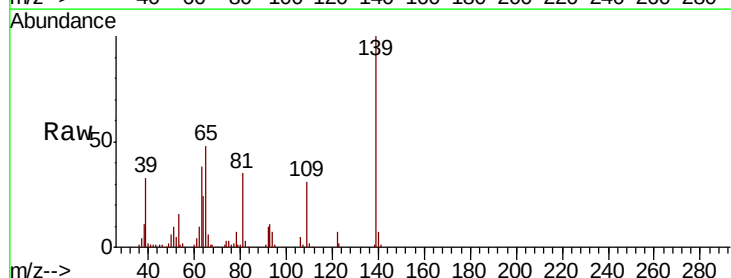
RT: 7.73 min Scan# 960

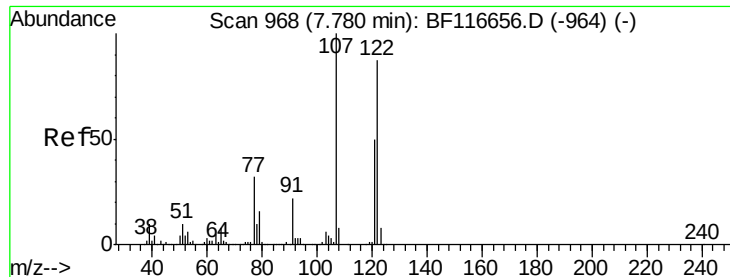
Delta R.T. 0.00 min

Lab File: BF116927.D

Acq: 10 Sep 2019 18:00

Tgt Ion	139	Resp	131208
Ion Ratio	Lower	Upper	
139	100		
109	30.7	27.1	40.7
65	48.2	43.0	64.6





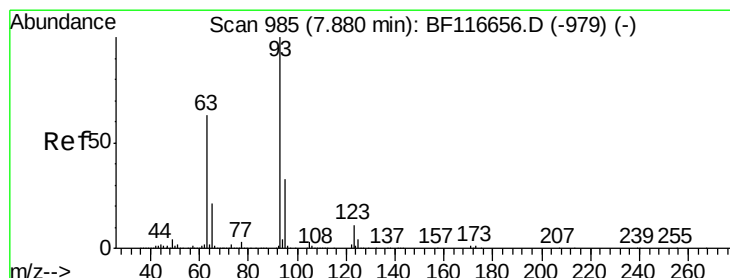
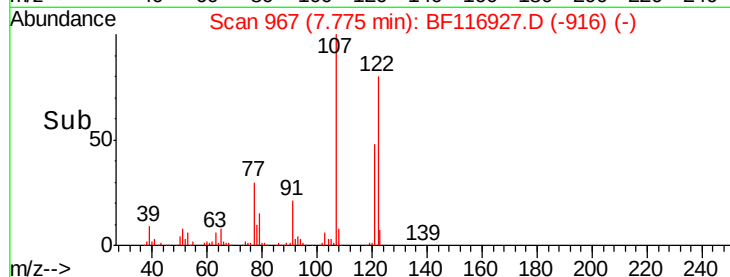
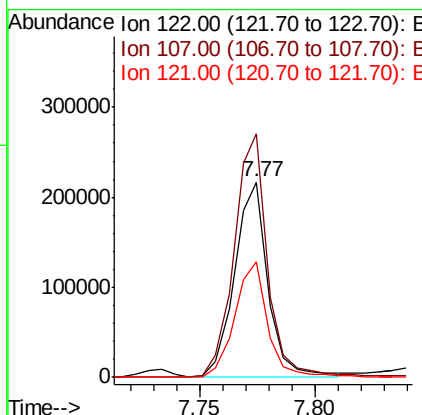
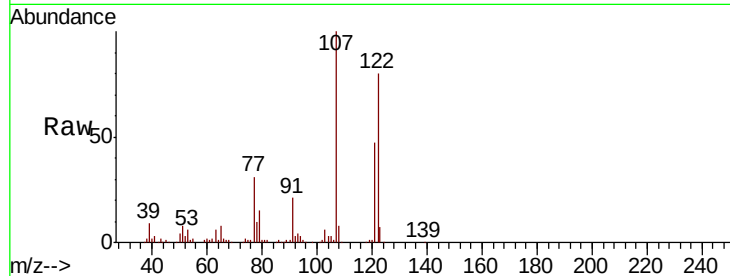
#27
2,4-Dimethylphenol
Concen: 52.301 ng
RT: 7.77 min Scan# 967
Delta R.T. 0.00 min
Lab File: BF116927.D
Acq: 10 Sep 2019 18:00

Instrument :
BNA_F
ClientSampleId :
AU-06-090519MS

Tot Ion	Ratio	Resp	Lower	Upper
122	100	219093		
107	124.6	98.1	147.1	
121	59.1	47.3	70.9	

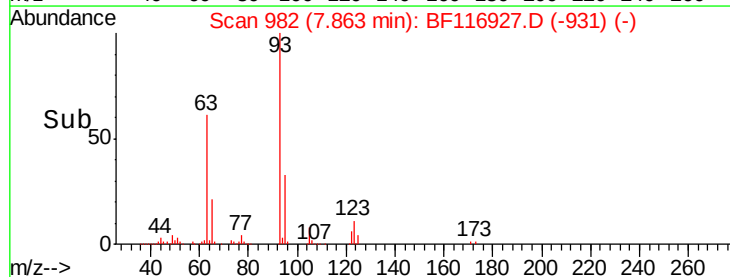
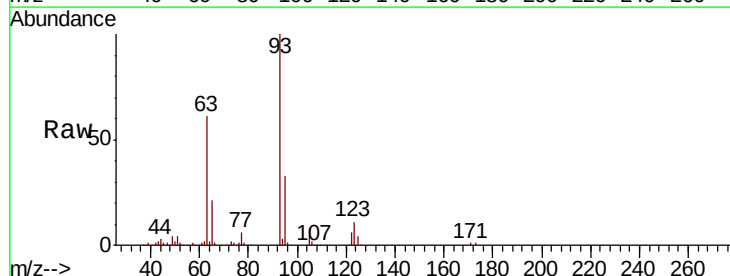
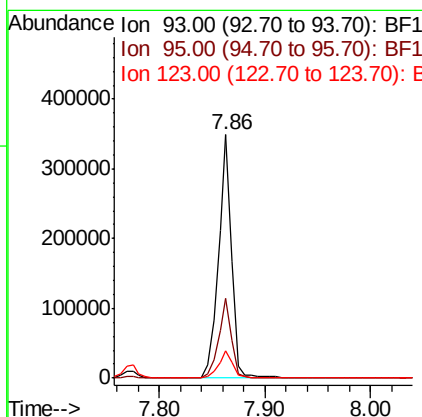
Manual Integrations
APPROVED

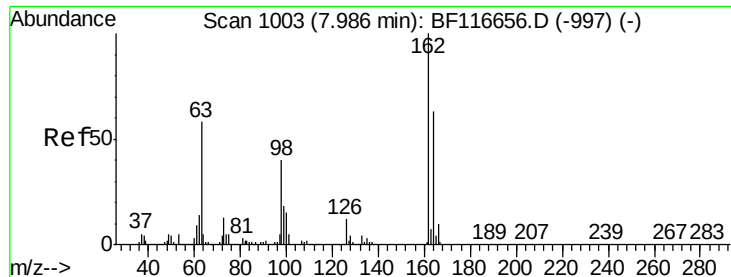
mohammad
9/16/2019 8:56:58 AM



#28
bis(2-Chloroethoxy)methane
Concen: 45.199 ng
RT: 7.86 min Scan# 982
Delta R.T. 0.00 min
Lab File: BF116927.D
Acq: 10 Sep 2019 18:00

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	307025		
95	32.8	26.4	39.6	
123	11.3	9.8	14.8	





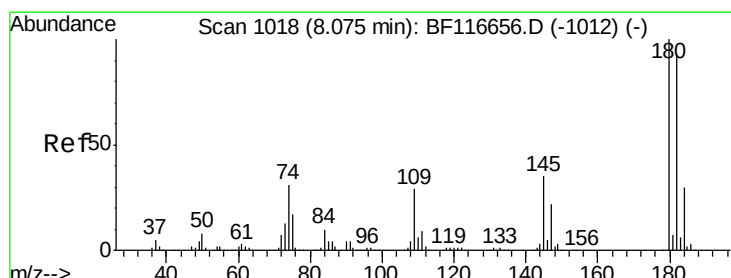
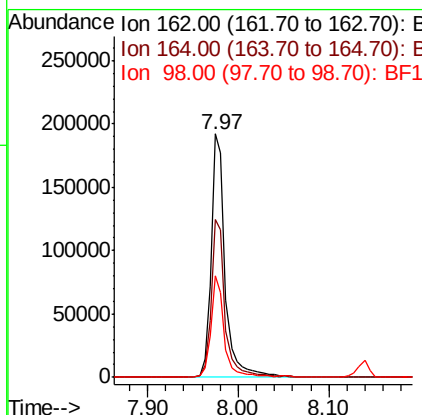
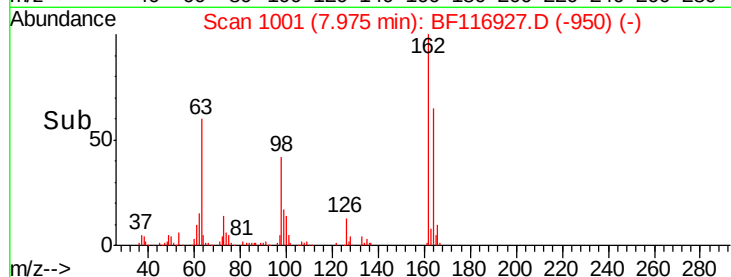
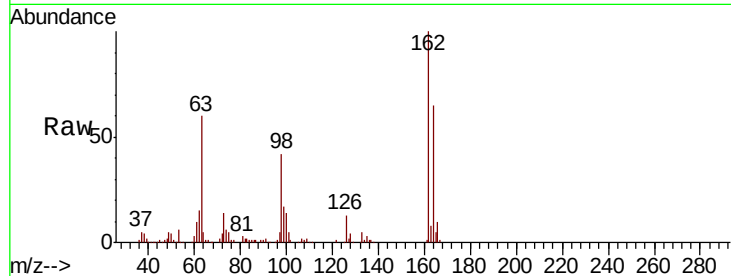
#29
2,4-Dichlorophenol
Concen: 51.973 ng
RT: 7.97 min Scan# 1001
Delta R.T. 0.00 min
Lab File: BF116927.D
Acq: 10 Sep 2019 18:00

Instrument :
BNA_F
ClientSampleID :
AU-06-090519MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
162	100		209234		
164	64.7	43.4	83.4		
98	41.6	18.1	58.1		

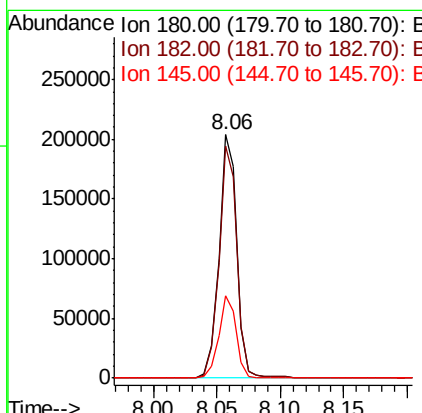
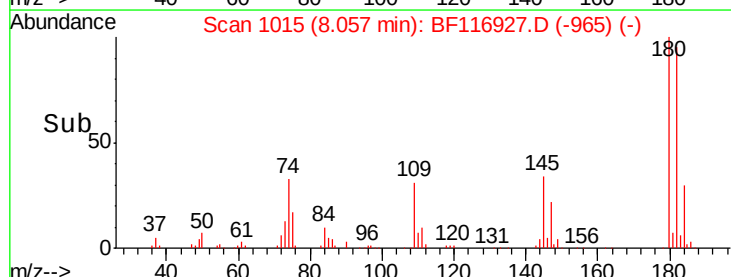
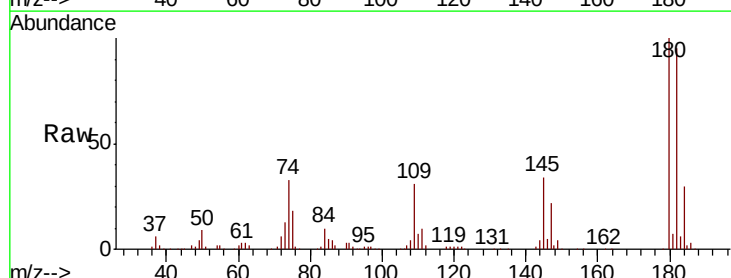
Manual Integrations
APPROVED

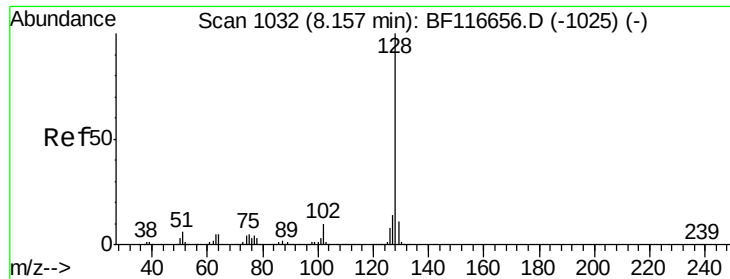
mohammad
9/16/2019 8:56:58 AM



#30
1,2,4-Trichlorobenzene
Concen: 46.157 ng
RT: 8.06 min Scan# 1015
Delta R.T. -0.01 min
Lab File: BF116927.D
Acq: 10 Sep 2019 18:00

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
180	100		201545		
182	95.4	78.6	118.0		
145	33.9	25.7	38.5		





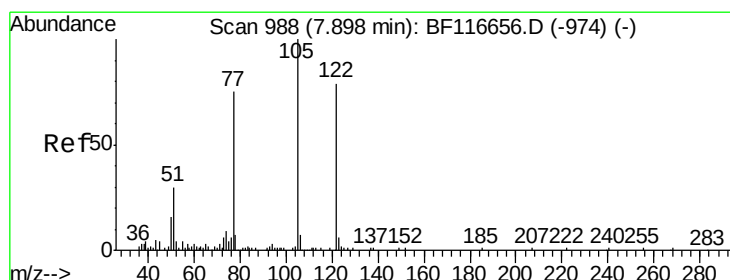
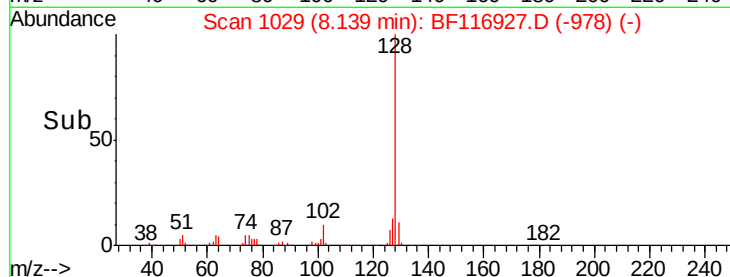
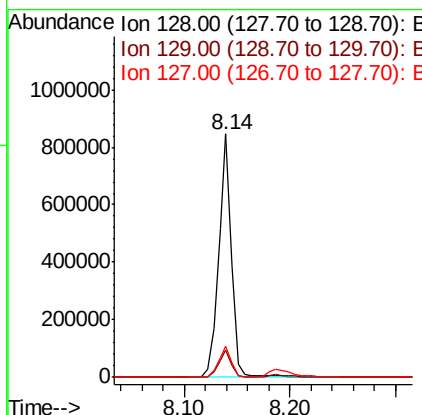
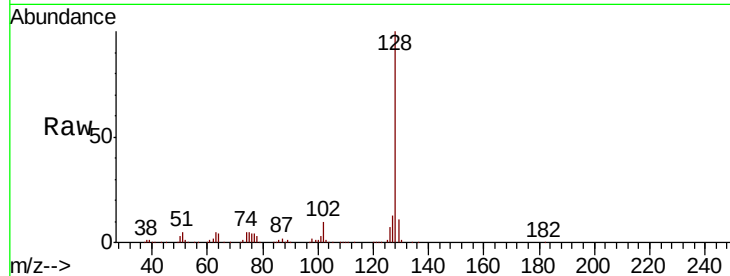
#31
Naphthalene
Concen: 48.637 ng
RT: 8.14 min Scan# 1029
Delta R.T. 0.00 min
Lab File: BF116927.D
Acq: 10 Sep 2019 18:00

Instrument :
BNA_F
ClientSampleId :
AU-06-090519MS

Tot Ion:	128	Resp:	724252
Ion Ratio	Lower	Upper	
128	100		
129	11.0	8.6	13.0
127	13.0	10.4	15.6

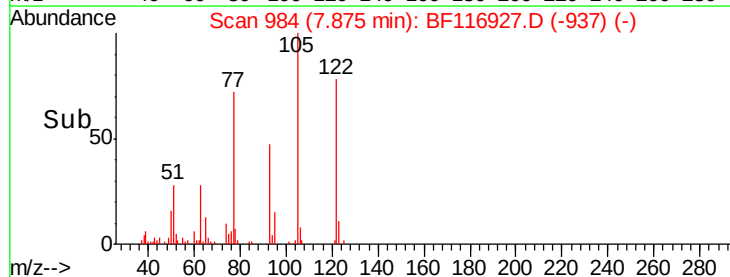
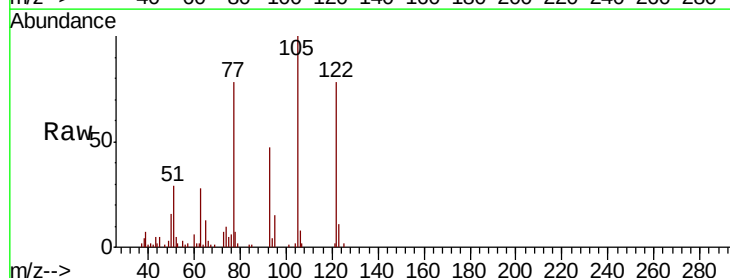
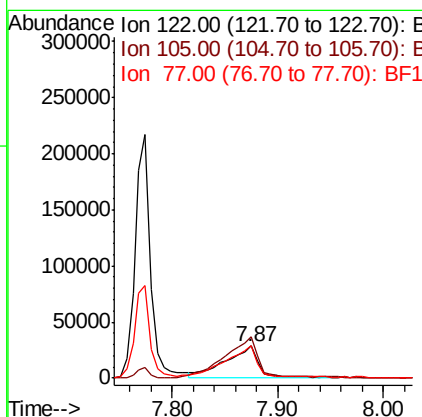
Manual Integrations
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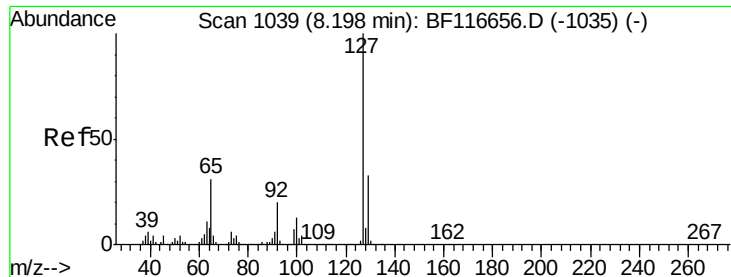
mohammad
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#32
Benzoic acid
Concen: 25.523 ng
RT: 7.87 min Scan# 984
Delta R.T. -0.02 min
Lab File: BF116927.D
Acq: 10 Sep 2019 18:00

Tgt Ion:	122	Resp:	60369
Ion Ratio	Lower	Upper	
122	100		
105	128.5	110.0	150.0
77	100.8	81.7	121.7





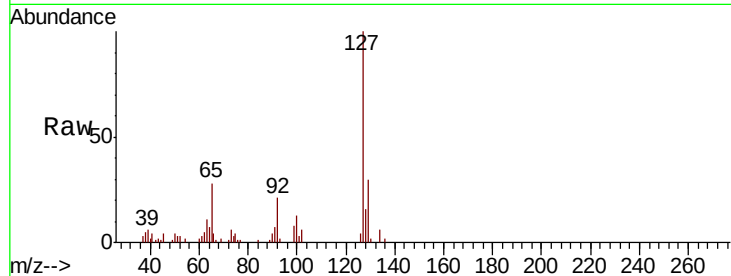
#33
4-Chloroaniline
Concen: 6.933 ng
RT: 8.19 min Scan# 1037
Delta R.T. 0.00 min
Lab File: BF116927.D
Acq: 10 Sep 2019 18:00

Instrument :
BNA_F
ClientSampleId :
AU-06-090519MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100		46992		
129	29.9	26.2	39.2		
65	27.7	26.0	39.0		
92	20.7	16.1	24.1		

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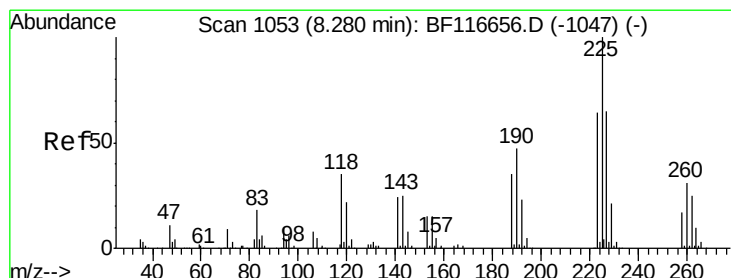
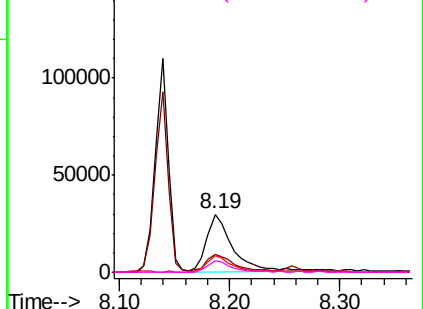
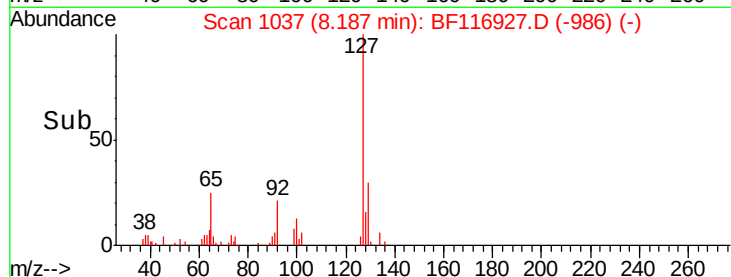
Abundance

Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

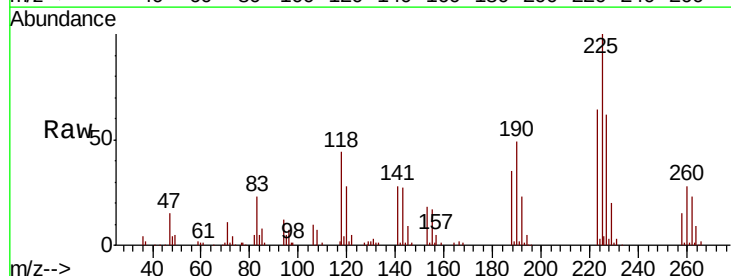
Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1



#34
Hexachlorobutadiene
Concen: 46.305 ng
RT: 8.26 min Scan# 1049
Delta R.T. -0.01 min
Lab File: BF116927.D
Acq: 10 Sep 2019 18:00

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100		110245		
223	64.3	49.4	74.2		
227	62.3	51.0	76.4		

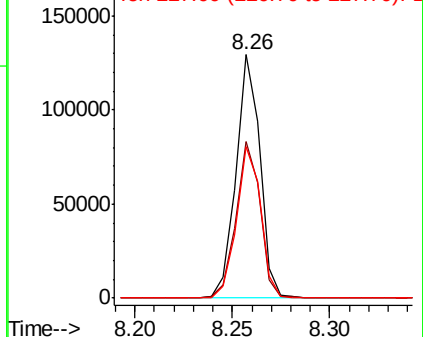
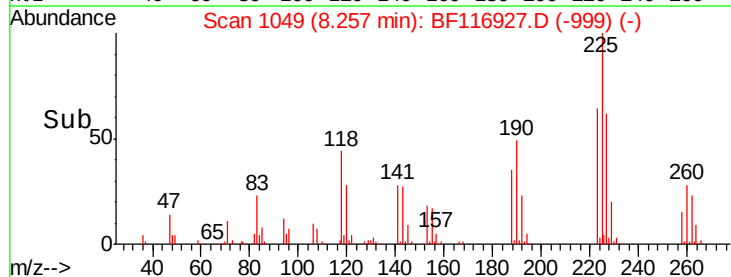


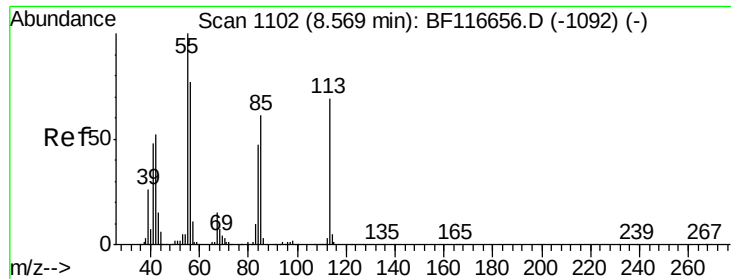
Abundance

Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





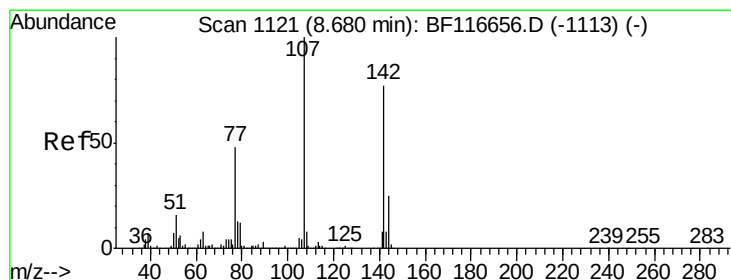
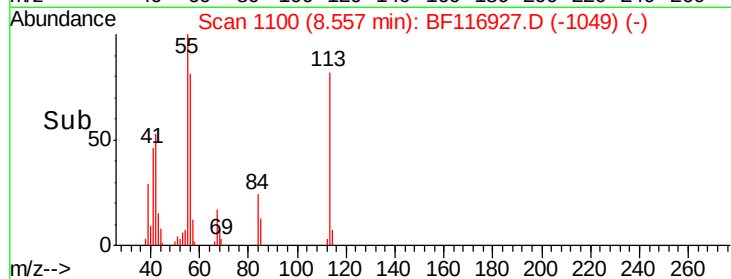
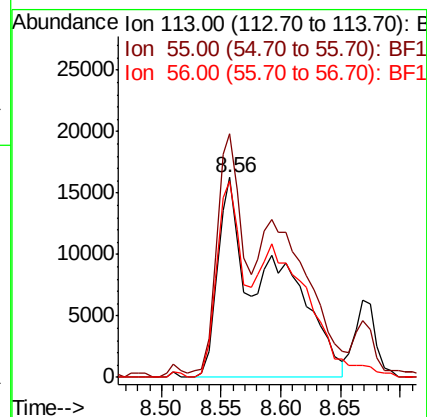
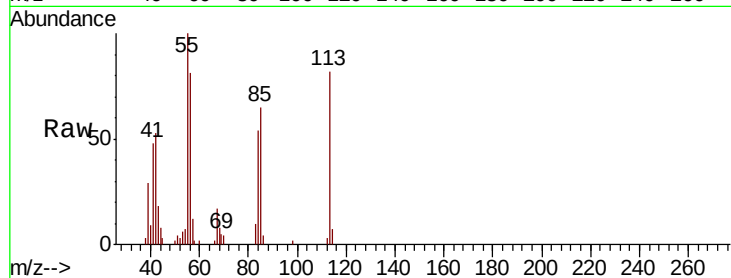
#35
 Caprolactam
 Concen: 33.899 ng/ml
 RT: 8.56 min Scan# 1100
 Delta R.T. 0.00 min
 Lab File: BF116927.D
 Acq: 10 Sep 2019 18:00

Instrument :
 BNA_F
 ClientSampleID :
 AU-06-090519MS

Tot Ion	Ratio	Lower	Upper
113	100		
55	121.8	124.3	164.3#
56	98.3	94.6	134.6

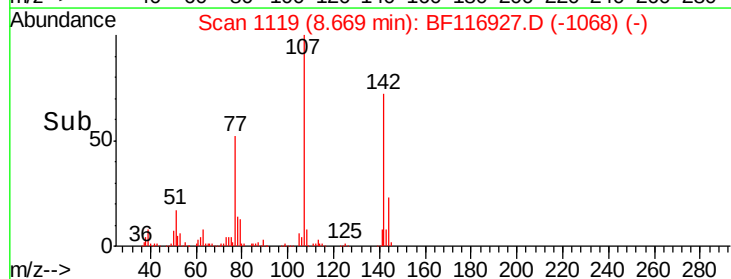
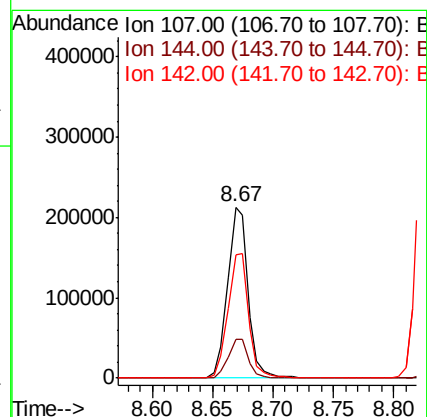
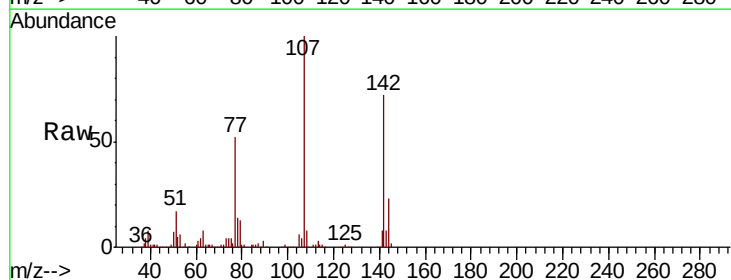
Manual Integrations
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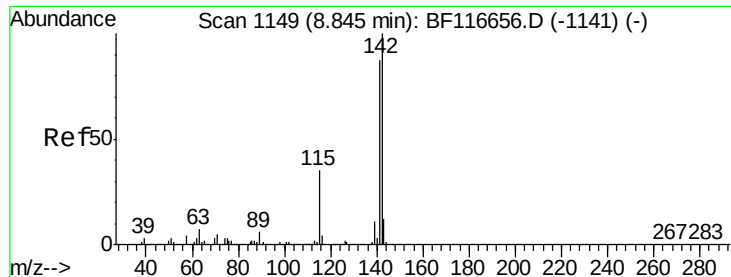
mohammad
 9/16/2019 8:56:58 AM



#36
 4-Chloro-3-methylphenol
 Concen: 53.889 ng/ml
 RT: 8.67 min Scan# 1119
 Delta R.T. 0.00 min
 Lab File: BF116927.D
 Acq: 10 Sep 2019 18:00

Tgt Ion	Ratio	Lower	Upper
107	100		
144	22.5	18.6	27.8
142	71.8	58.5	87.7





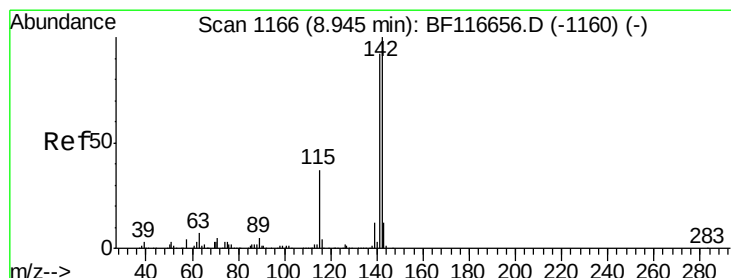
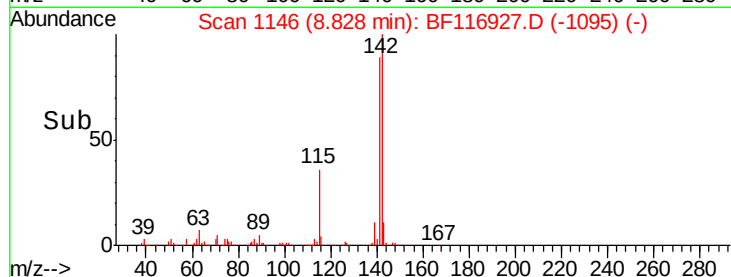
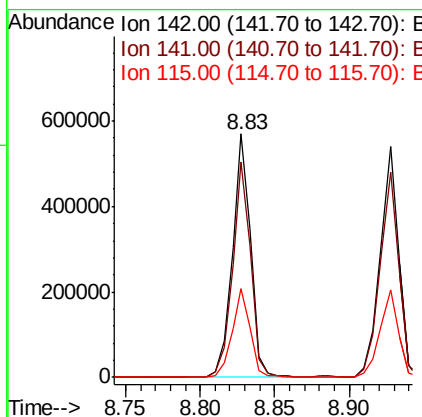
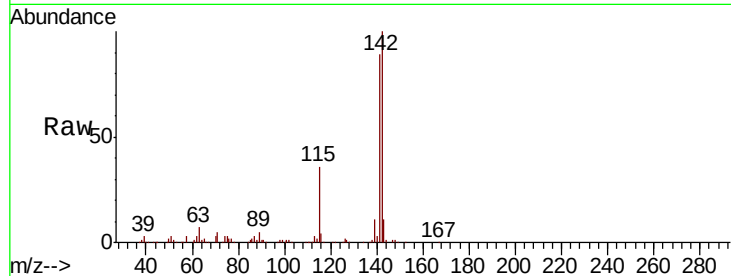
#37
2-Methylnaphthalene
Concen: 49.797 ng
RT: 8.83 min Scan# 1146
Delta R.T. 0.00 min
Lab File: BF116927.D
Acq: 10 Sep 2019 18:00

Instrument :
BNA_F
ClientSampleId :
AU-06-090519MS

Tot Ion	Ratio	Resp	Lower	Upper
142	100	493380		
141	88.6	72.6	109.0	
115	36.2	29.8	44.6	

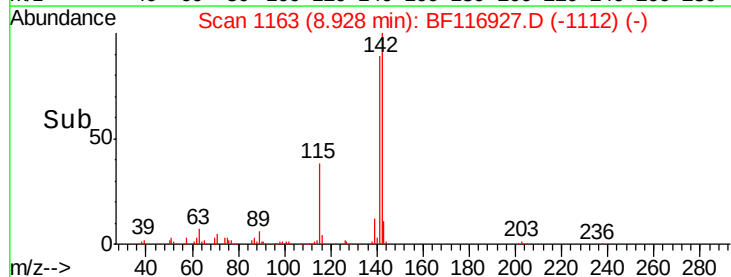
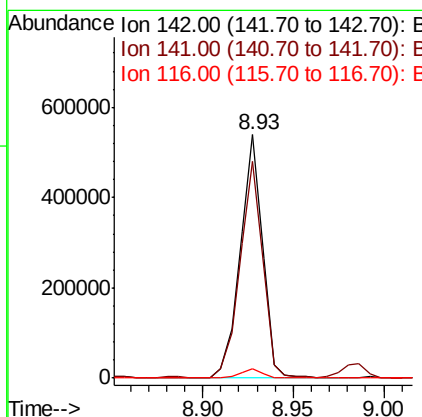
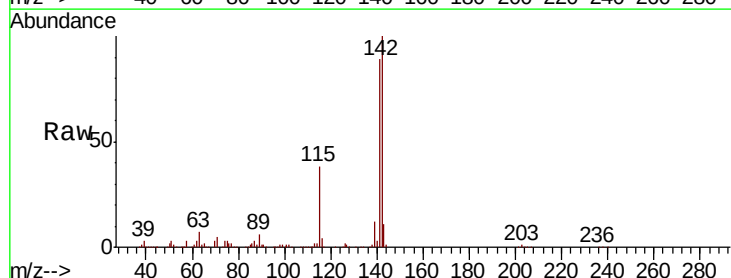
Manual Integrations
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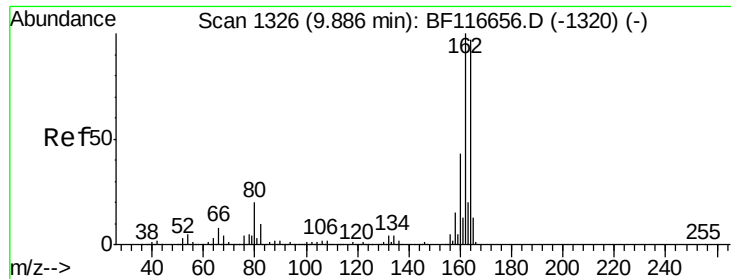
mohammad
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#38
1-Methylnaphthalene
Concen: 49.139 ng
RT: 8.93 min Scan# 1163
Delta R.T. 0.00 min
Lab File: BF116927.D
Acq: 10 Sep 2019 18:00

Tgt Ion	Ratio	Resp	Lower	Upper
142	100	459593		
141	89.2	73.9	110.9	
116	3.7	3.0	4.6	





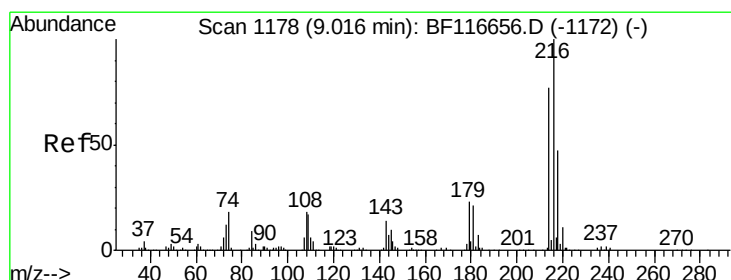
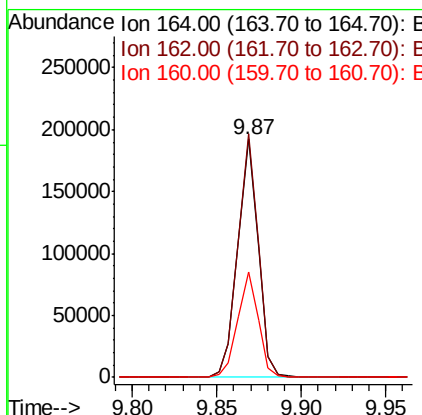
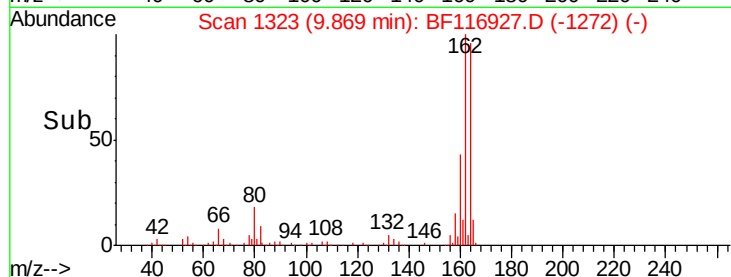
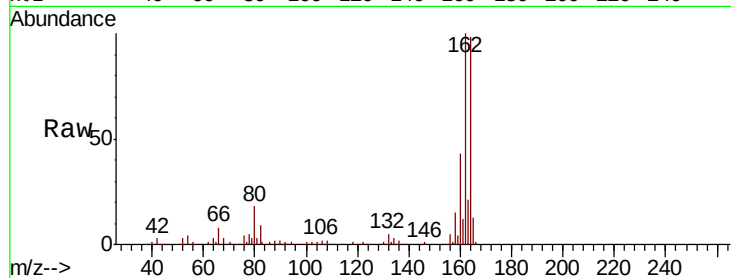
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.87 min Scan# 1323
Delta R.T. 0.00 min
Lab File: BF116927.D
Acq: 10 Sep 2019 18:00

Instrument :
BNA_F
ClientSampleId :
AU-06-090519MS

Tot Ion	Ratio	Resp	Lower	Upper
164	100			
162	102.2	81.4	122.0	
160	44.2	35.4	53.2	

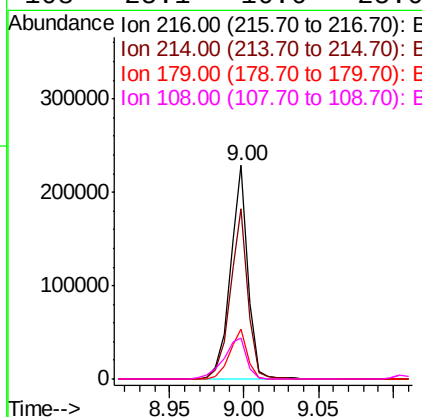
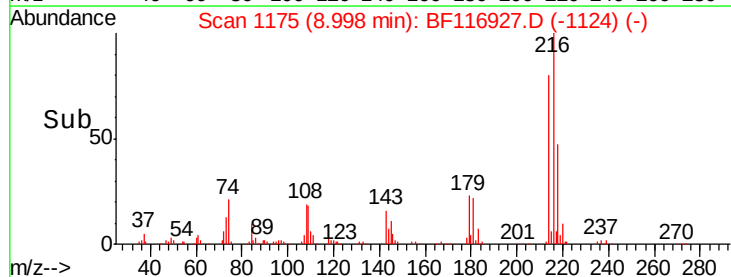
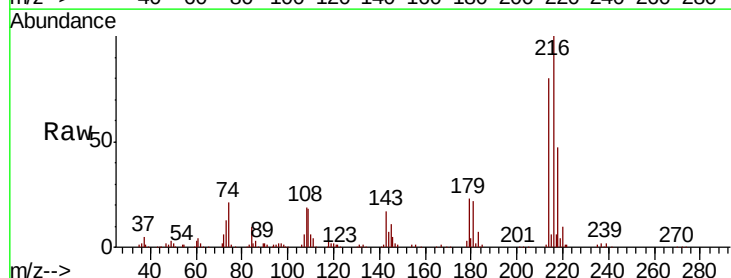
Manual Integrations
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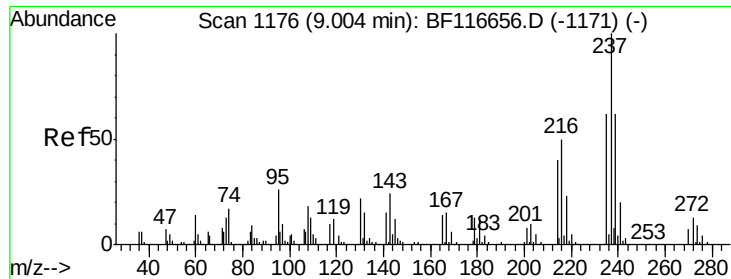
mohammad
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#40
1,2,4,5-Tetrachlorobenzene
Concen: 48.674 ng
RT: 9.00 min Scan# 1175
Delta R.T. 0.00 min
Lab File: BF116927.D
Acq: 10 Sep 2019 18:00

Tgt Ion	Ratio	Resp	Lower	Upper
216	100			
214	79.8	62.7	94.1	
179	23.6	19.3	28.9	
108	25.1	16.6	25.0	#





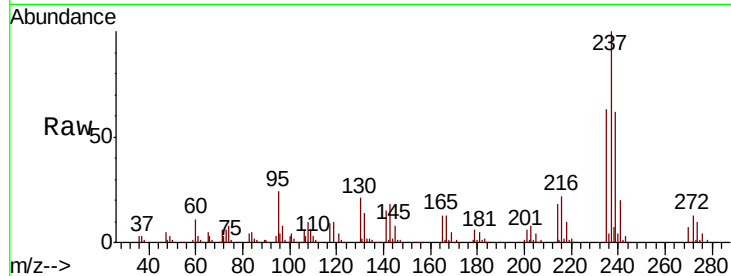
#41
Hexachlorocyclopentadiene
Concen: 86.025 ng
RT: 8.99 min Scan# 1173
Delta R.T. 0.00 min
Lab File: BF116927.D
Acq: 10 Sep 2019 18:00

Instrument :
BNA_F
ClientSampleId :
AU-06-090519MS

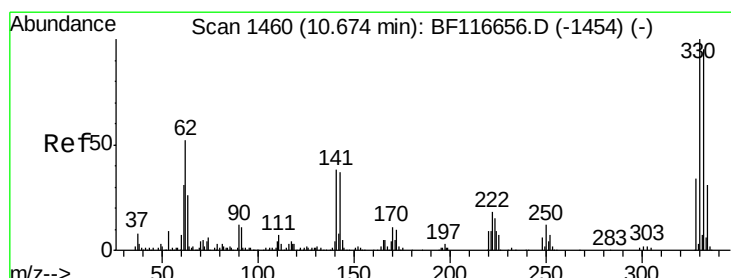
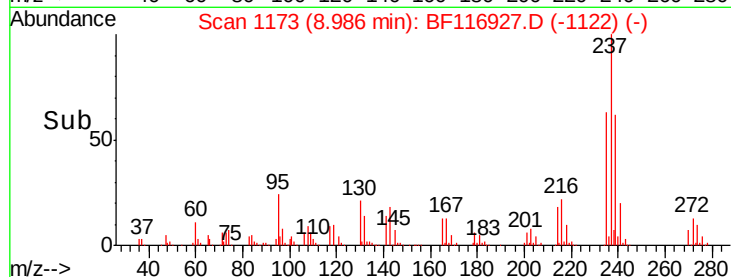
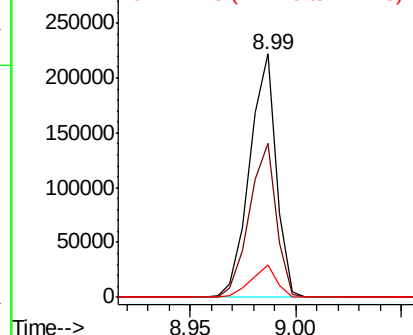
Tot Ion:	237	Resp:	193755
Ion Ratio	Lower	Upper	
237	100		
235	63.4	41.4	81.4
272	13.4	0.0	32.8

Manual Integrations
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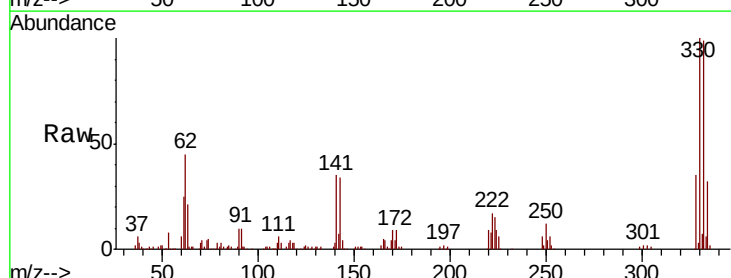


Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E

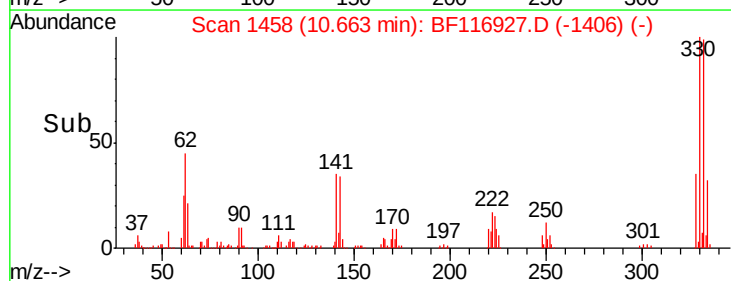
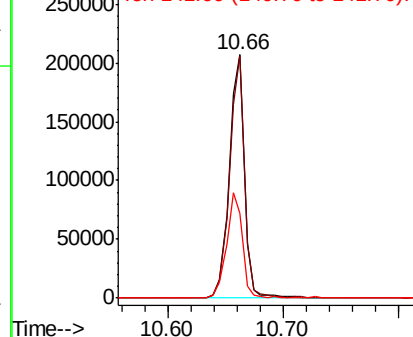


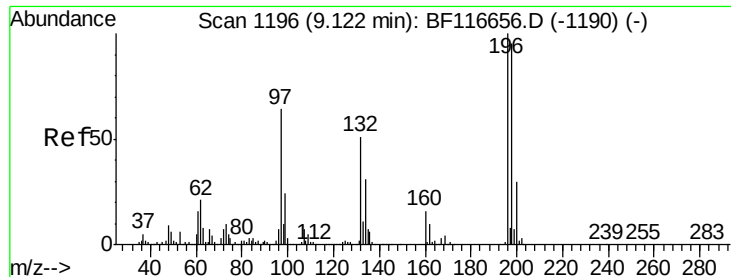
#42
2,4,6-Tribromophenol
Concen: 174.369 ng
RT: 10.66 min Scan# 1458
Delta R.T. 0.01 min
Lab File: BF116927.D
Acq: 10 Sep 2019 18:00

Tgt Ion:	330	Resp:	189664
Ion Ratio	Lower	Upper	
330	100		
332	97.3	76.9	115.3
141	45.0	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





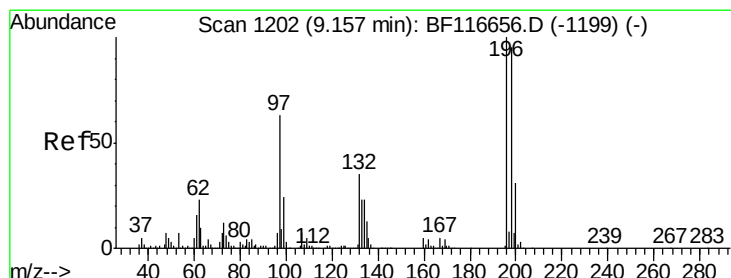
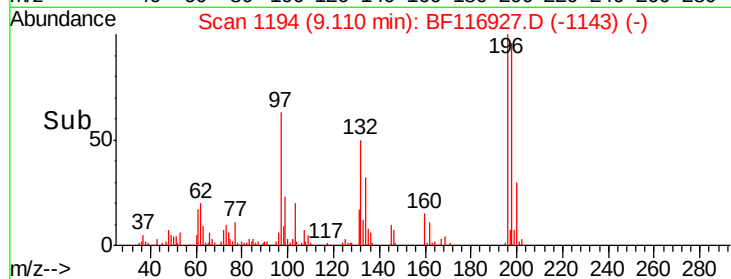
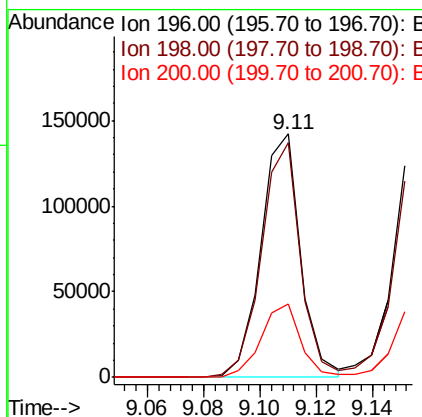
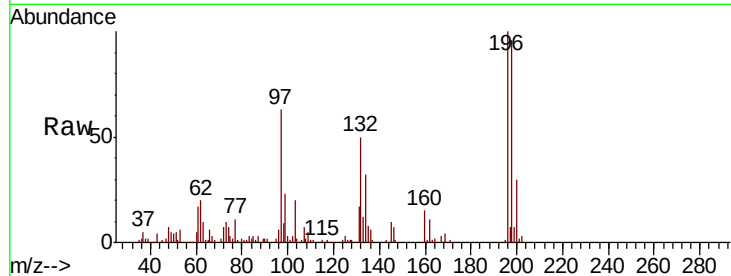
#43
 2,4,6-Trichlorophenol
 Concen: 51.872 ng
 RT: 9.11 min Scan# 1194
 Delta R.T. 0.00 min
 Lab File: BF116927.D
 Acq: 10 Sep 2019 18:00

Instrument :
 BNA_F
 ClientSampleId :
 AU-06-090519MS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	138689		
198	96.4	79.1	118.7	
200	30.3	24.0	36.0	

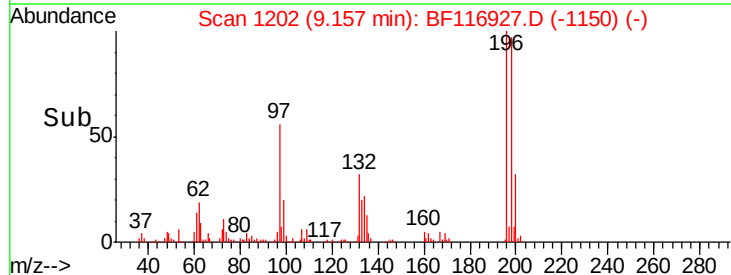
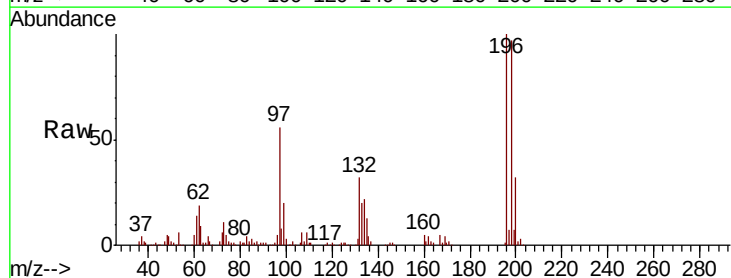
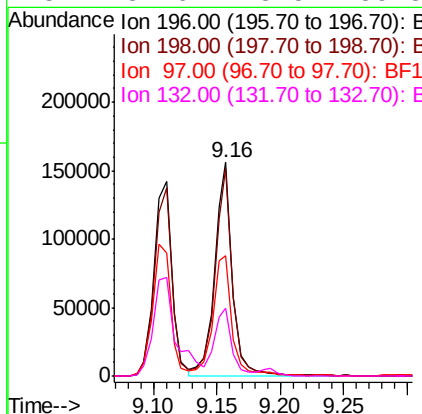
Manual Integrations
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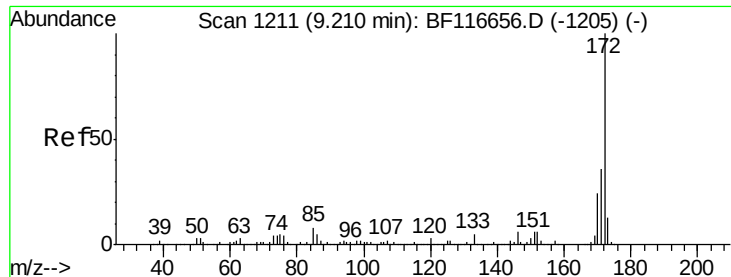
mohammad
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#44
 2,4,5-Trichlorophenol
 Concen: 55.173 ng
 RT: 9.16 min Scan# 1202
 Delta R.T. 0.01 min
 Lab File: BF116927.D
 Acq: 10 Sep 2019 18:00

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	153147		
198	96.9	78.1	117.1	
97	56.4	41.6	62.4	
132	31.6	23.5	35.3	





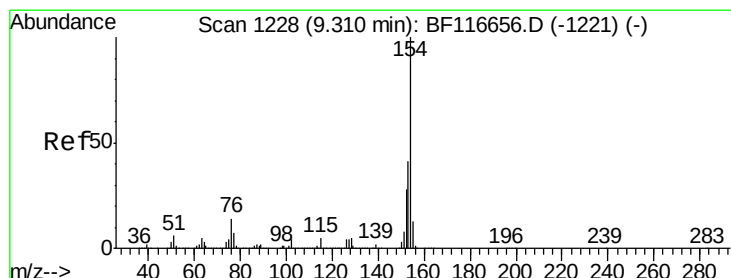
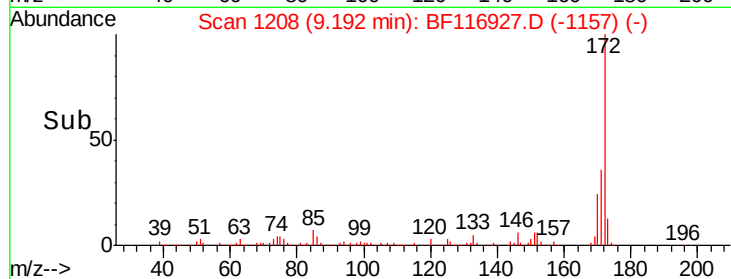
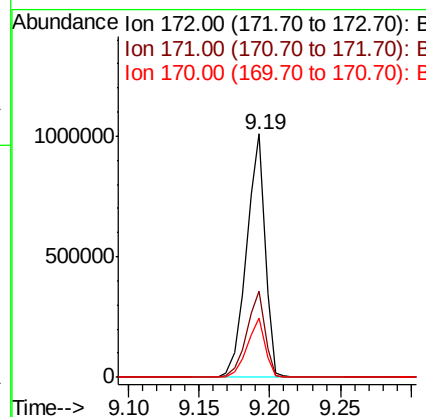
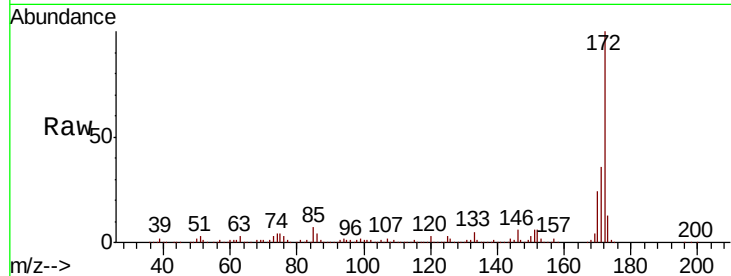
#45
2-Fluorobiphenyl
Concen: 95.725 ng
RT: 9.19 min Scan# 1208
Delta R.T. 0.00 min
Lab File: BF116927.D
Acq: 10 Sep 2019 18:00

Instrument :
BNA_F
ClientSampleId :
AU-06-090519MS

Tot Ion	Ratio	Resp	Lower	Upper
172	100			
171	35.5	27.8	41.6	
170	24.1	18.9	28.3	

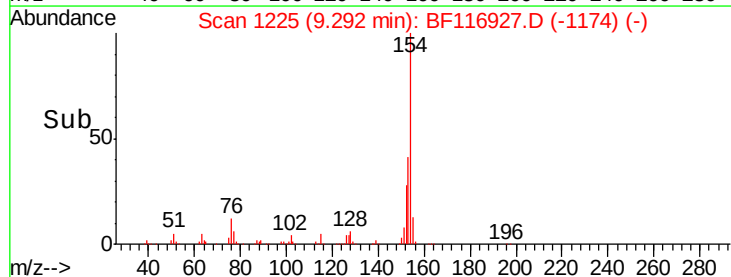
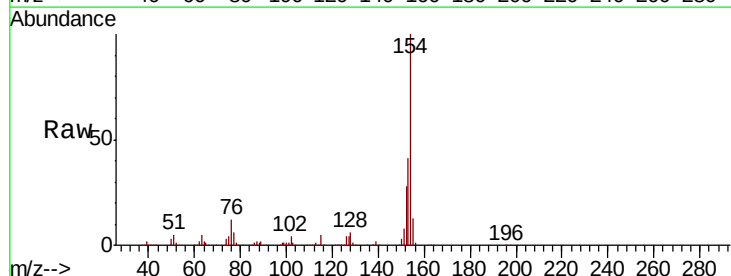
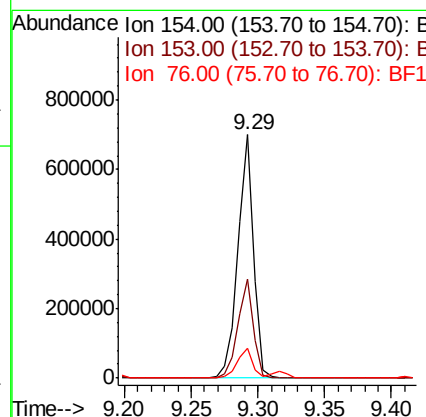
Manual Integrations
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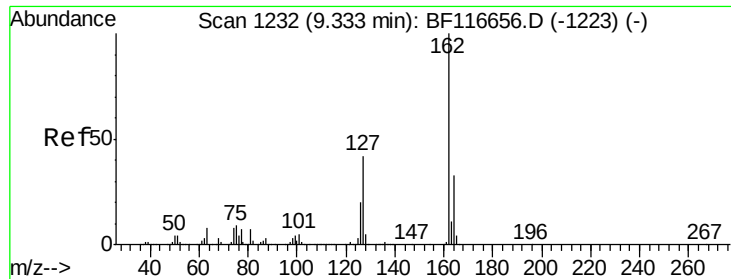
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#46
1,1'-Biphenyl
Concen: 47.274 ng
RT: 9.29 min Scan# 1225
Delta R.T. 0.00 min
Lab File: BF116927.D
Acq: 10 Sep 2019 18:00

Tgt Ion	Ratio	Resp	Lower	Upper
154	100			
153	40.8	21.2	61.2	
76	12.3	0.0	30.9	





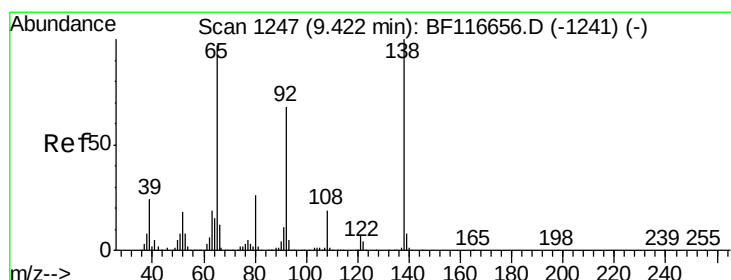
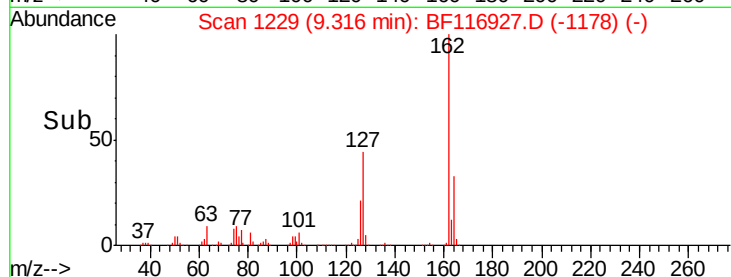
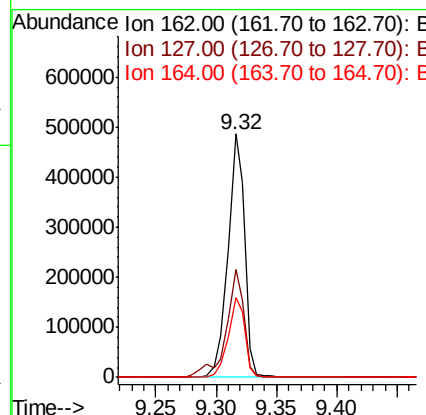
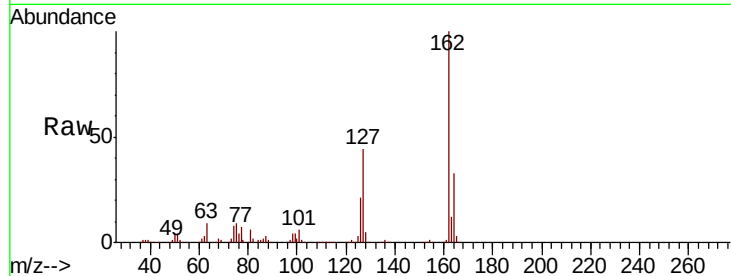
#47
2-Chloronaphthalene
Concen: 47.234 ng
RT: 9.32 min Scan# 1229
Delta R.T. 0.00 min
Lab File: BF116927.D
Acq: 10 Sep 2019 18:00

Instrument :
BNA_F
ClientSampleId :
AU-06-090519MS

Tot Ion	Ratio	Resp	Lower	Upper
162	100	461892		
127	44.2	33.4	50.2	
164	32.7	26.6	39.8	

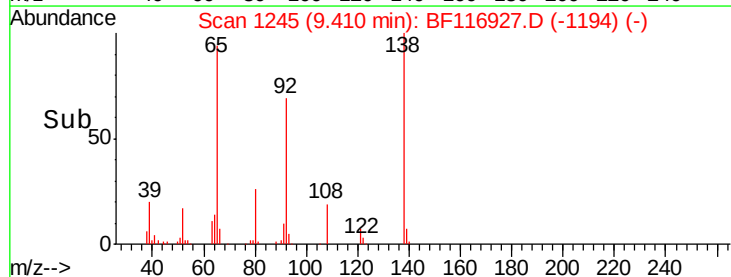
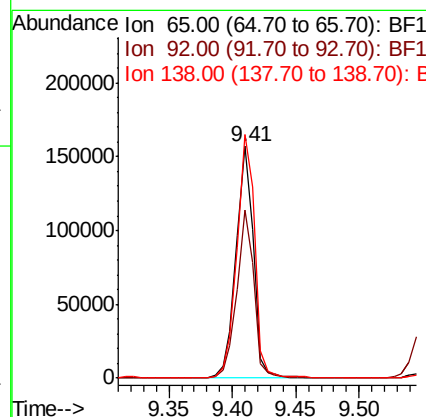
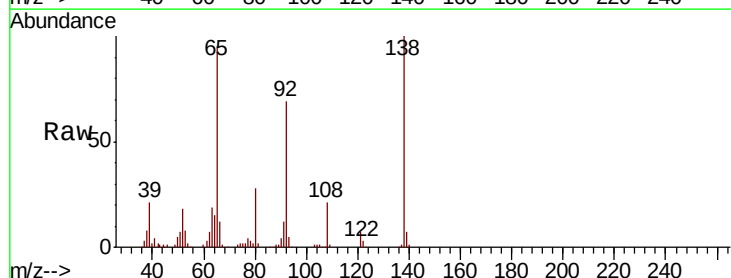
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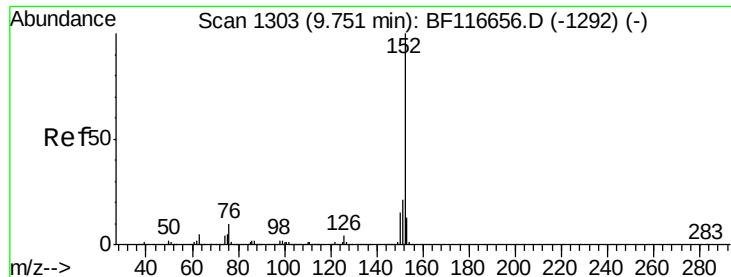
mohammad
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#48
2-Nitroaniline
Concen: 52.648 ng
RT: 9.41 min Scan# 1245
Delta R.T. 0.00 min
Lab File: BF116927.D
Acq: 10 Sep 2019 18:00

Tgt Ion	Ratio	Resp	Lower	Upper
65	100	148837		
92	72.4	57.1	85.7	
138	105.0	88.2	132.2	





#49

Acenaphthylene

Concen: 49.635 ng

RT: 9.73 min Scan# 1300

Delta R.T. 0.00 min

Lab File: BF116927.D

Acq: 10 Sep 2019 18:00

Instrument :

BNA_F

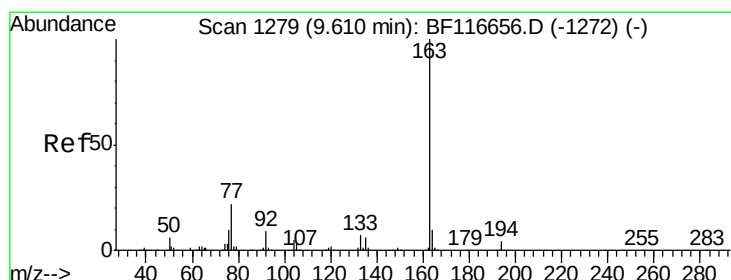
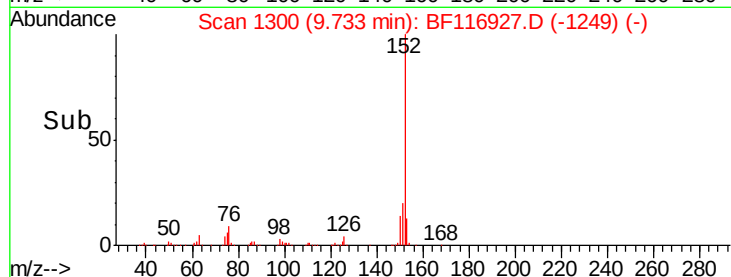
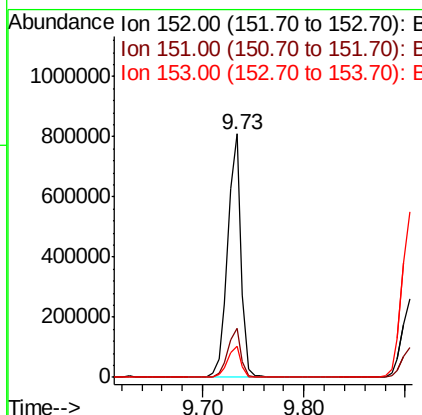
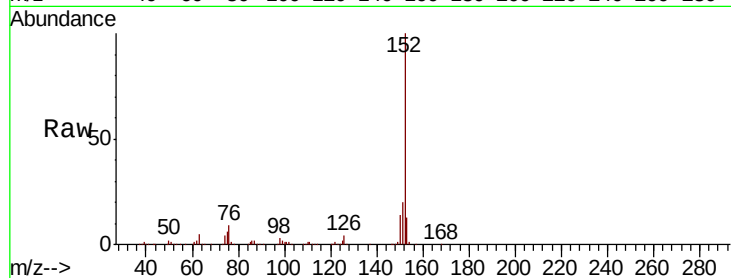
ClientSampleId :

AU-06-090519MS

Tot Ion:	152	Resp:	733687
Ion Ratio	Lower	Upper	
152	100		
151	20.2	15.9	23.9
153	13.0	10.9	16.3

Manual Integrations
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#50

Dimethylphthalate

Concen: 52.917 ng

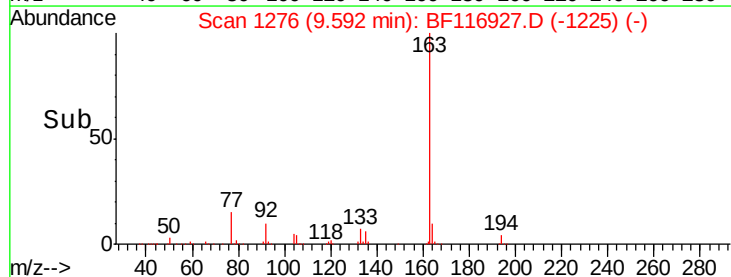
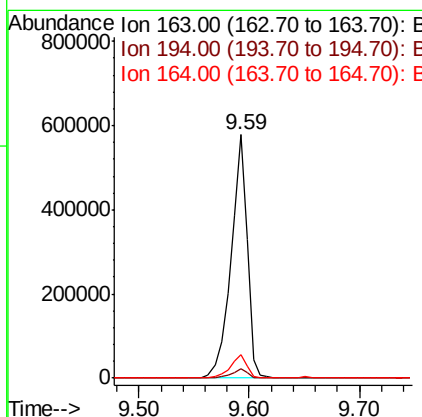
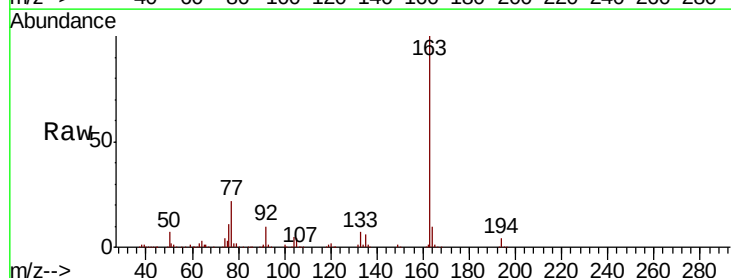
RT: 9.59 min Scan# 1276

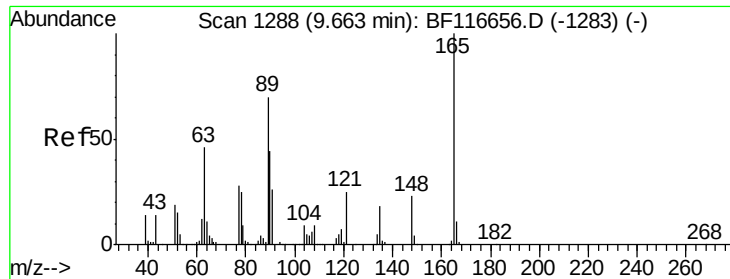
Delta R.T. 0.00 min

Lab File: BF116927.D

Acq: 10 Sep 2019 18:00

Tgt Ion:	163	Resp:	594427
Ion Ratio	Lower	Upper	
163	100		
194	3.6	2.8	4.2
164	9.8	8.6	12.8





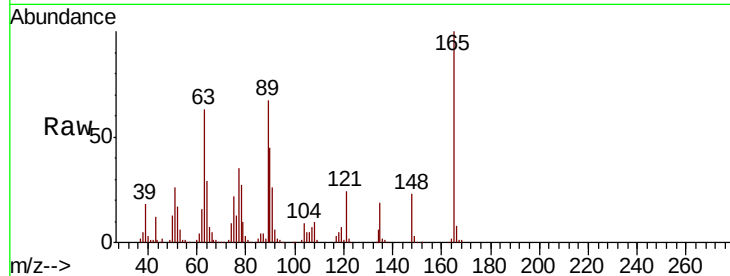
#51
2,6-Dinitrotoluene
Concen: 57.754 ng
RT: 9.65 min Scan# 1286
Delta R.T. 0.00 min
Lab File: BF116927.D
Acq: 10 Sep 2019 18:00

Instrument :
BNA_F
ClientSampleId :
AU-06-090519MS

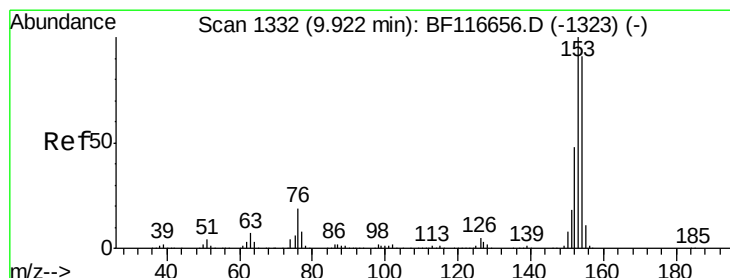
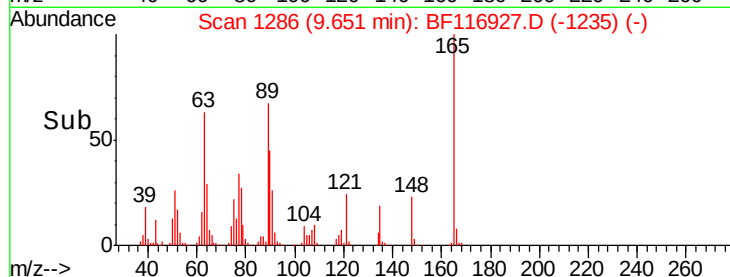
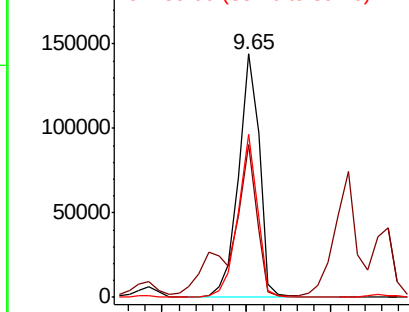
Tot Ion	Ratio	Resp	Lower	Upper
165	100			
63	62.6	47.3	70.9	
89	66.9	52.5	78.7	

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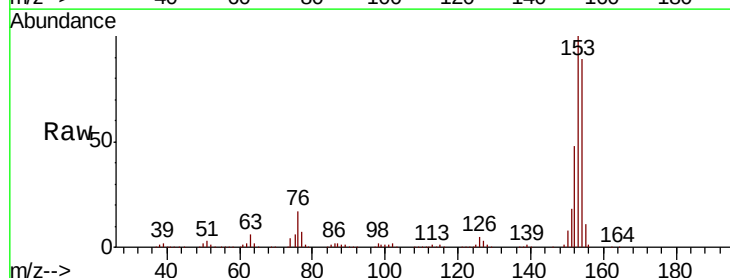


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1

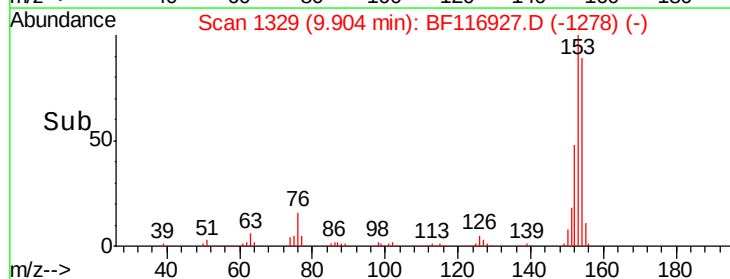
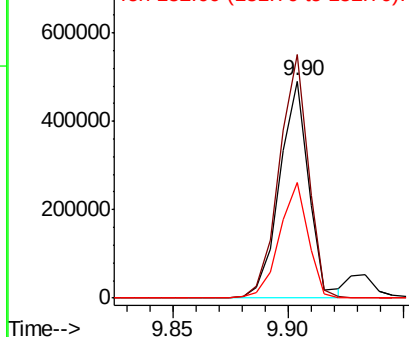


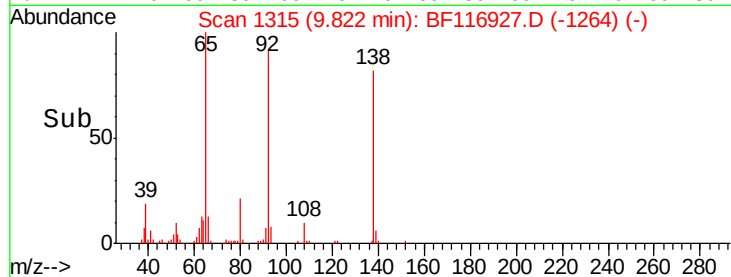
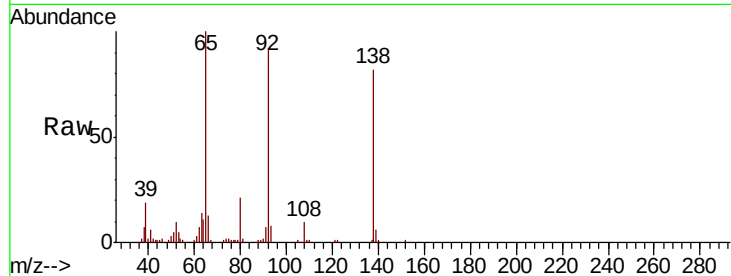
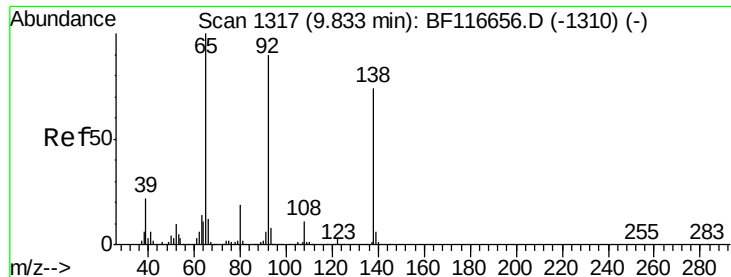
#52
Acenaphthene
Concen: 47.199 ng
RT: 9.90 min Scan# 1329
Delta R.T. 0.00 min
Lab File: BF116927.D
Acq: 10 Sep 2019 18:00

Tgt Ion	Ratio	Resp	Lower	Upper
154	100			
153	112.1	89.5	134.3	
152	53.3	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





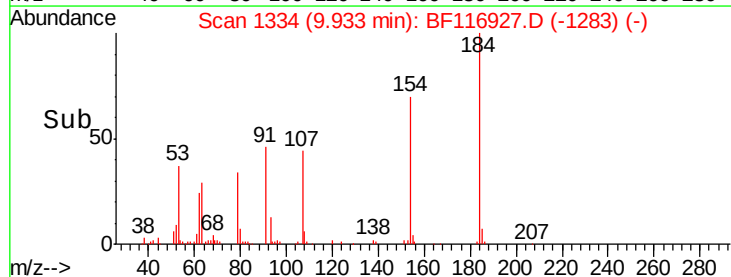
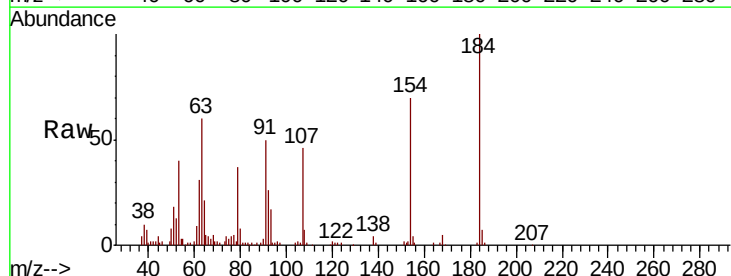
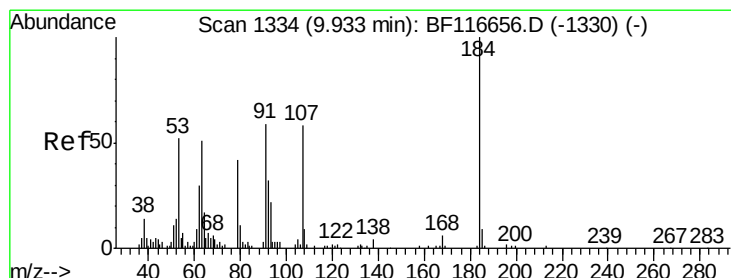
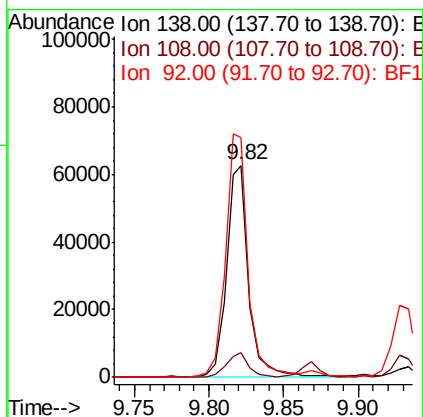
#53
3-Nitroaniline
Concen: 24.447 ng
RT: 9.82 min Scan# 1315
Delta R.T. 0.00 min
Lab File: BF116927.D
Acq: 10 Sep 2019 18:00

Tot Ion	Ratio	Lower	Upper
138	100		
108	11.6	8.5	12.7
92	112.7	87.2	130.8

Instrument :
BNA_F
ClientSampleId :
AU-06-090519MS

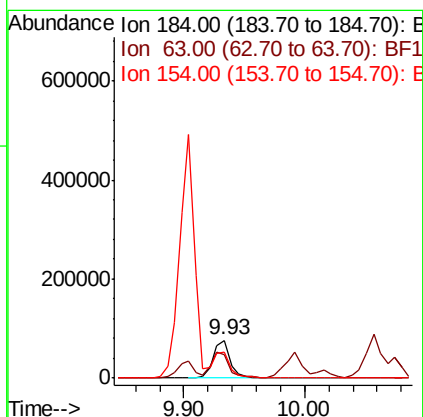
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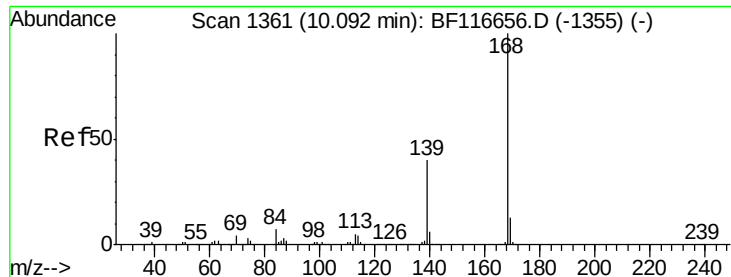
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#54
2,4-Dinitrophenol
Concen: 98.066 ng
RT: 9.93 min Scan# 1334
Delta R.T. 0.00 min
Lab File: BF116927.D
Acq: 10 Sep 2019 18:00

Tgt Ion	Ratio	Lower	Upper
184	100		
63	60.4	52.2	78.2
154	70.2	60.8	91.2





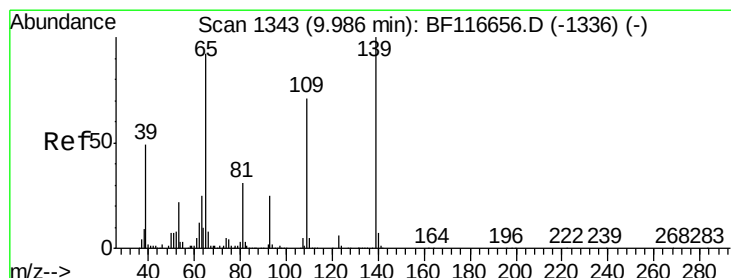
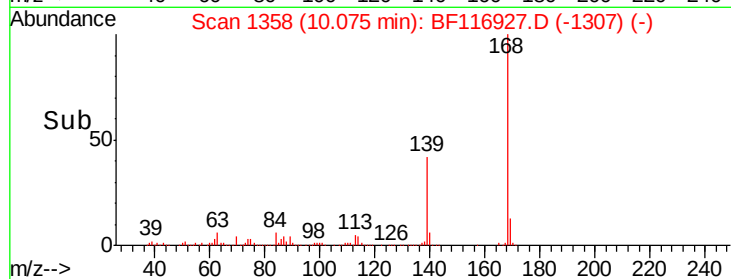
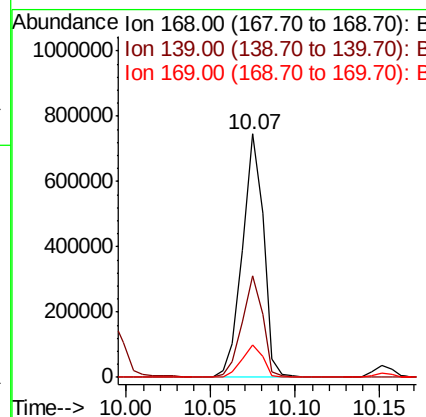
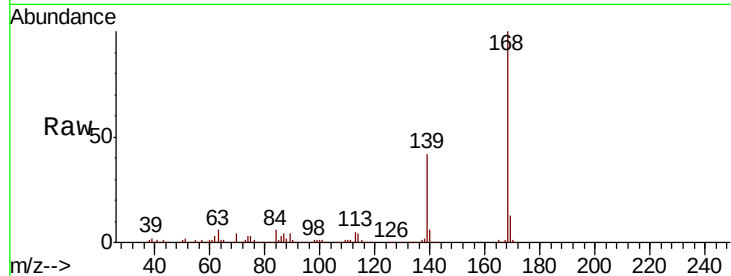
#55
Dibenzofuran
Concen: 50.669 ng
RT: 10.07 min Scan# 1358
Delta R.T. 0.00 min
Lab File: BF116927.D
Acq: 10 Sep 2019 18:00

Instrument :
BNA_F
ClientSampleId :
AU-06-090519MS

Tot Ion	Ratio	Lower	Upper
168	100		
139	41.6	31.5	47.3
169	13.4	10.3	15.5

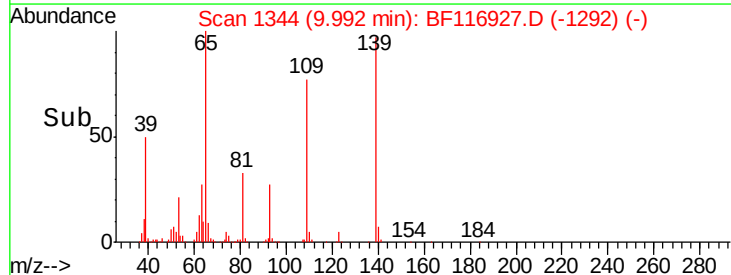
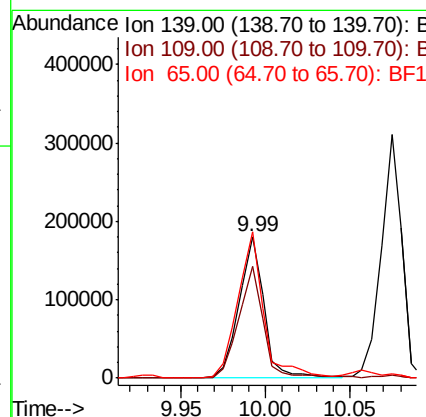
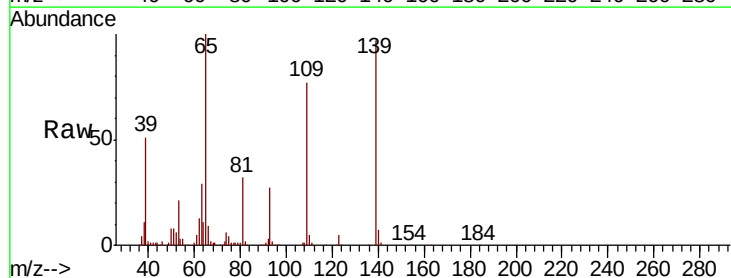
Manual Integrations
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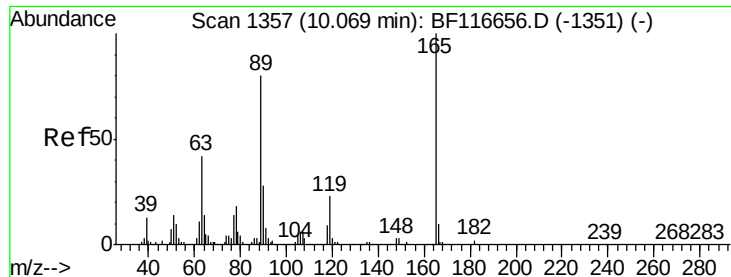
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#56
4-Nitrophenol
Concen: 100.717 ng
RT: 9.99 min Scan# 1344
Delta R.T. 0.01 min
Lab File: BF116927.D
Acq: 10 Sep 2019 18:00

Tgt Ion	Ratio	Lower	Upper
139	100		
109	79.3	61.7	101.7
65	103.4	89.1	129.1





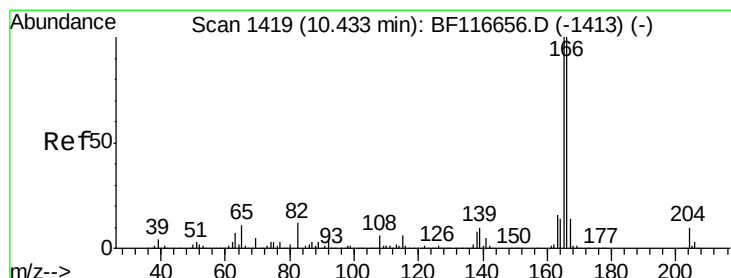
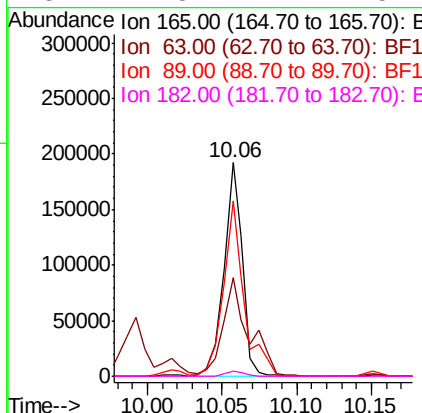
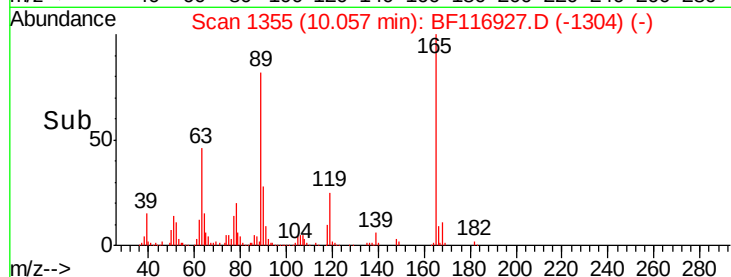
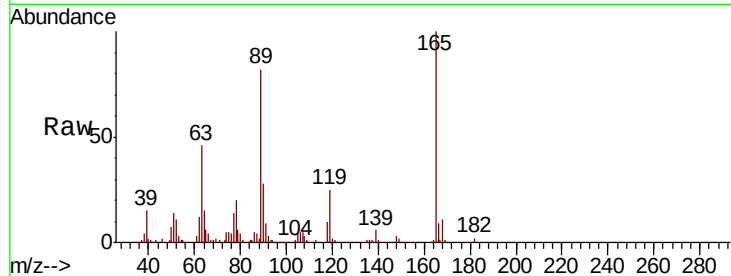
#57
 2,4-Dinitrotoluene
 Concen: 64.390 ng
 RT: 10.06 min Scan# 1355
 Delta R.T. 0.00 min
 Lab File: BF116927.D
 Acq: 10 Sep 2019 18:00

Instrument :
 BNA_F
 ClientSampleId :
 AU-06-090519MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
165	100		168742		
63	46.1	36.4	54.6		
89	81.9	62.6	94.0		
182	2.3	2.1	3.1		

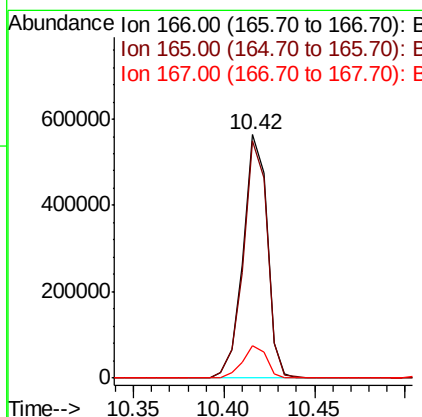
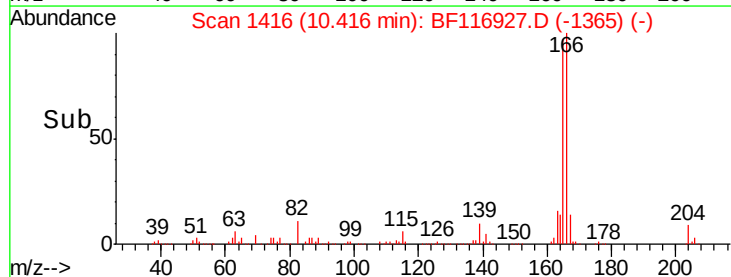
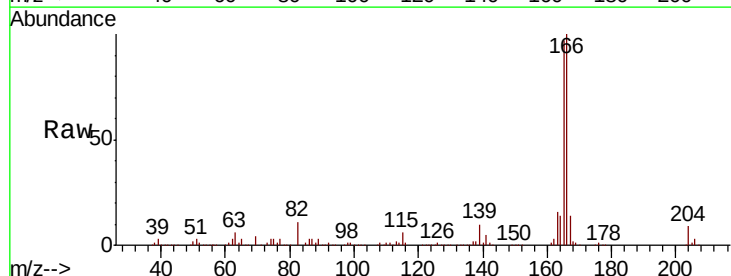
Manual Integrations
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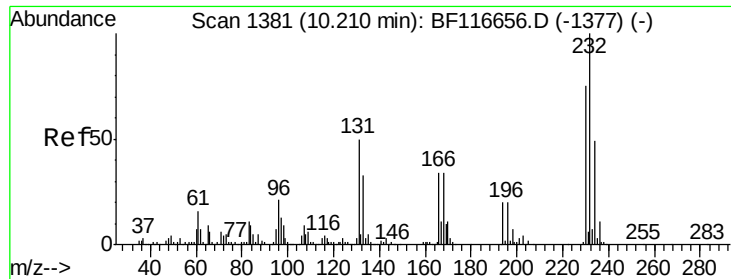
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#58
 Fluorene
 Concen: 53.485 ng
 RT: 10.42 min Scan# 1416
 Delta R.T. 0.00 min
 Lab File: BF116927.D
 Acq: 10 Sep 2019 18:00

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
166	100		521794		
165	97.4	78.8	118.2		
167	13.5	10.0	15.0		





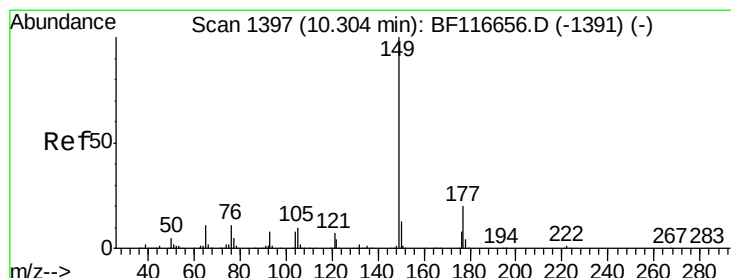
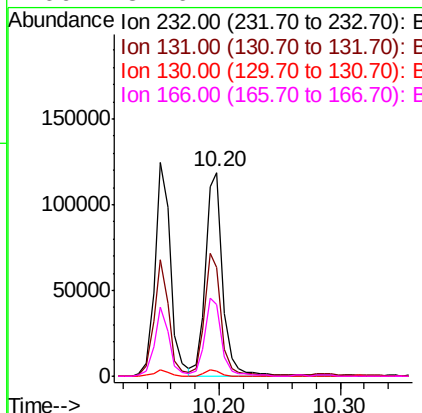
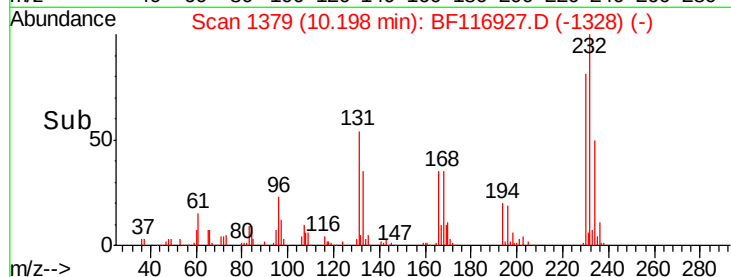
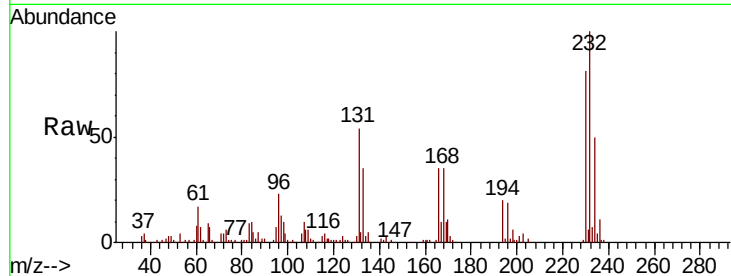
#59
2,3,4,6-Tetrachlorophenol
Concen: 58.506 ng
RT: 10.20 min Scan# 1379
Delta R.T. 0.00 min
Lab File: BF116927.D
Acq: 10 Sep 2019 18:00

Instrument :
BNA_F
ClientSampleId :
AU-06-090519MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
232	100		117204		
131	57.8	42.7	64.1		
130	2.8	1.9	2.9		
166	37.6	27.4	41.2		

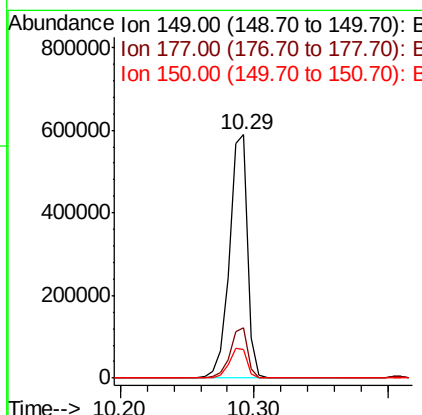
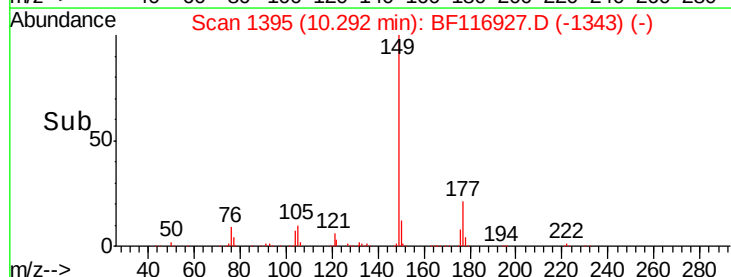
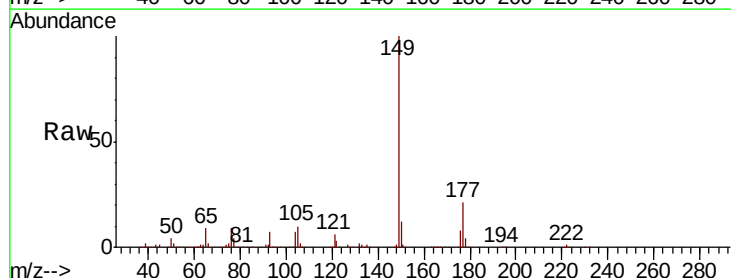
Manual Integrations
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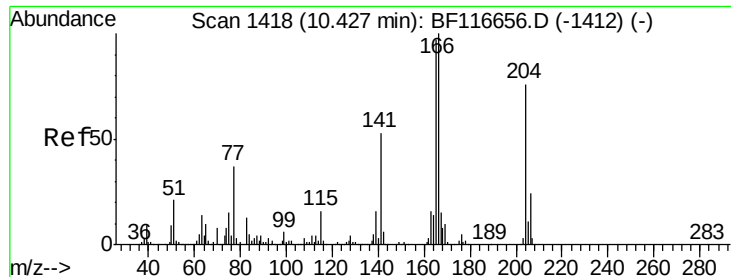
mohammad
9/16/2019 8:56:58 AM



#60
Diethylphthalate
Concen: 50.149 ng
RT: 10.29 min Scan# 1395
Delta R.T. 0.01 min
Lab File: BF116927.D
Acq: 10 Sep 2019 18:00

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
149	100		564284		
177	20.9	17.2	25.8		
150	12.0	9.7	14.5		





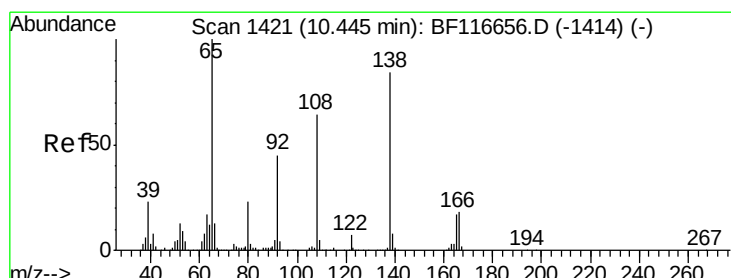
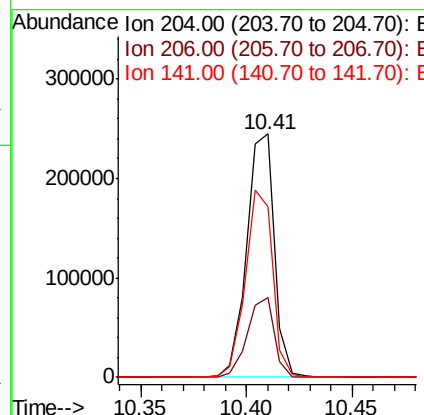
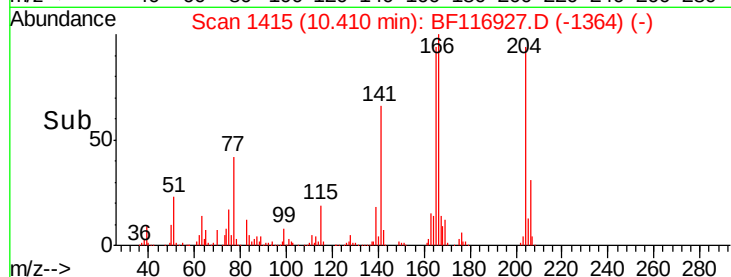
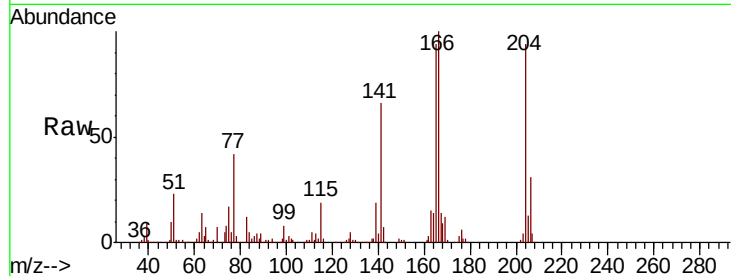
#61
4-Chlorophenyl-phenylether
Concen: 51.932 ng
RT: 10.41 min Scan# 1415
Delta R.T. 0.00 min
Lab File: BF116927.D
Acq: 10 Sep 2019 18:00

Instrument :
BNA_F
ClientSampleId :
AU-06-090519MS

Tot Ion	Ratio	Lower	Upper
204	100		
206	32.6	25.4	38.2
141	70.1	53.8	80.8

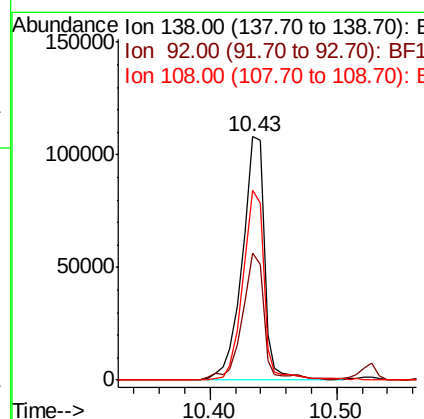
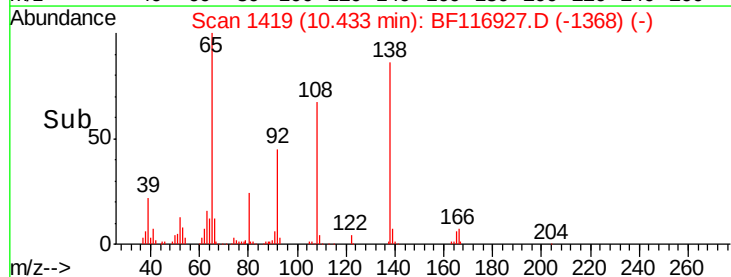
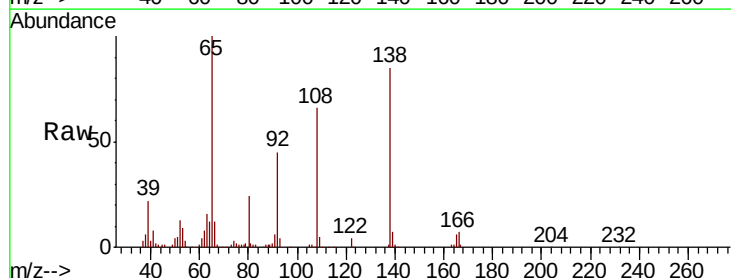
Manual Integrations
APPROVED

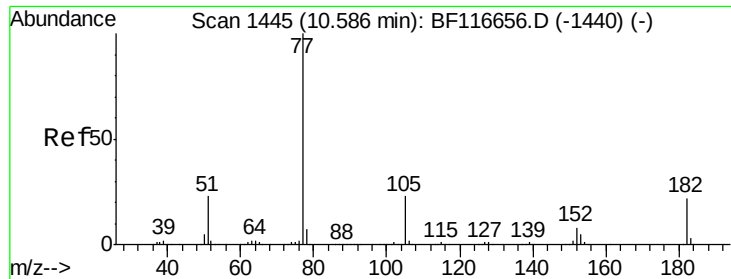
mohammad
9/16/2019 8:56:58 AM



#62
4-Nitroaniline
Concen: 50.571 ng
RT: 10.43 min Scan# 1419
Delta R.T. 0.00 min
Lab File: BF116927.D
Acq: 10 Sep 2019 18:00

Tgt Ion	Ratio	Lower	Upper
138	100		
92	52.5	28.7	68.7
108	77.9	60.4	100.4





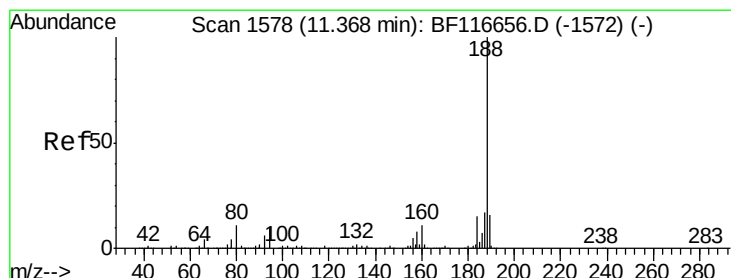
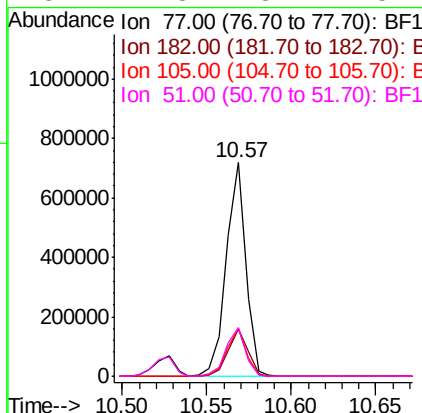
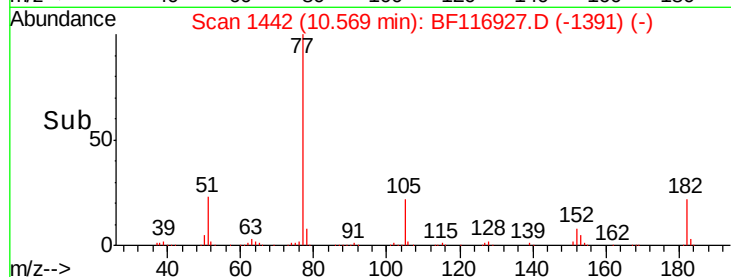
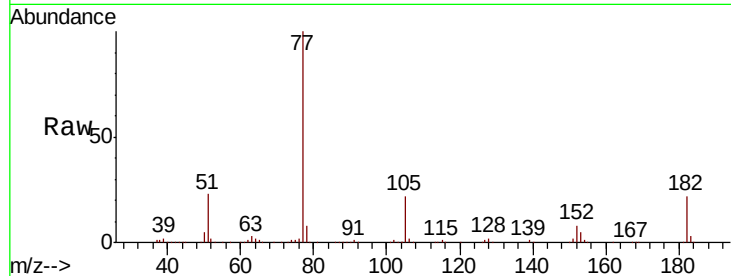
#63
Azobenzene
Concen: 49.010 ng
RT: 10.57 min Scan# 1442
Delta R.T. 0.00 min
Lab File: BF116927.D
Acq: 10 Sep 2019 18:00

Instrument :
BNA_F
ClientSampleId :
AU-06-090519MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
77	100		575024		
182	22.3	1.2	41.2		
105	22.0	0.6	40.6		
51	22.8	8.2	48.2		

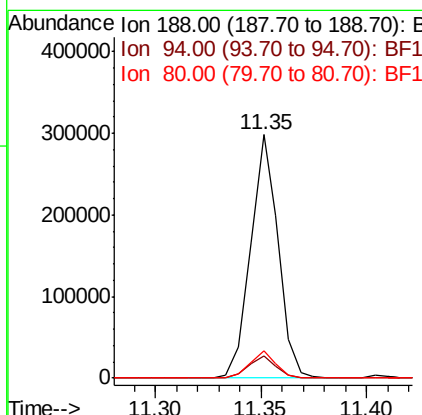
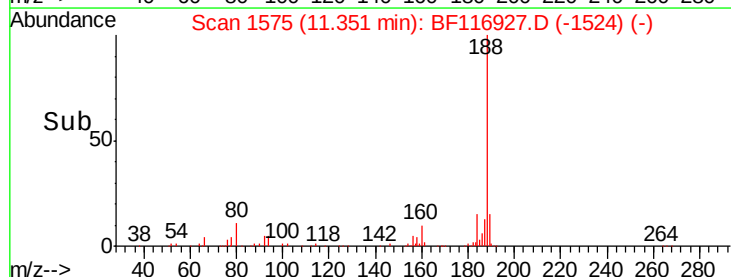
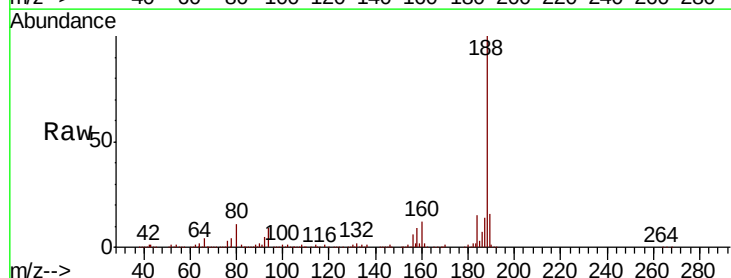
Manual Integrations
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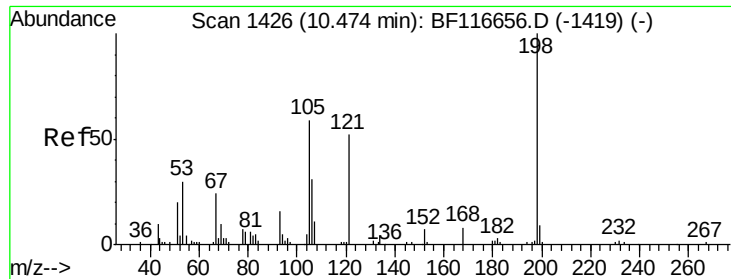
mohammad
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.35 min Scan# 1575
Delta R.T. 0.00 min
Lab File: BF116927.D
Acq: 10 Sep 2019 18:00

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
188	100		269856		
94	9.4	7.3	10.9		
80	11.1	8.4	12.6		





#65

4,6-Dinitro-2-methylphenol

Concen: 57.420 ng

RT: 10.47 min Scan# 1425

Delta R.T. 0.00 min

Lab File: BF116927.D

Acq: 10 Sep 2019 18:00

Instrument :

BNA_F

ClientSampleId :

AU-06-090519MS

Tot Ion:198 Resp: 58788

Ion Ratio Lower Upper

198 100

51 42.4 18.4 58.4

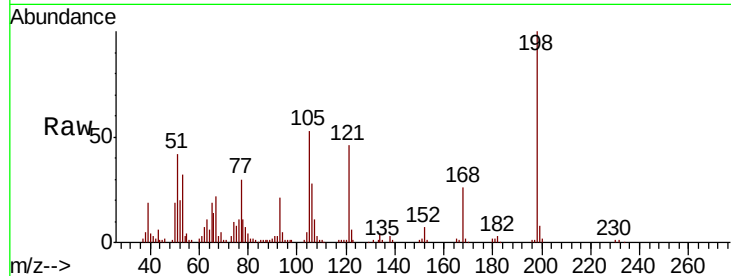
105 52.7 22.9 62.9

Manual Integrations

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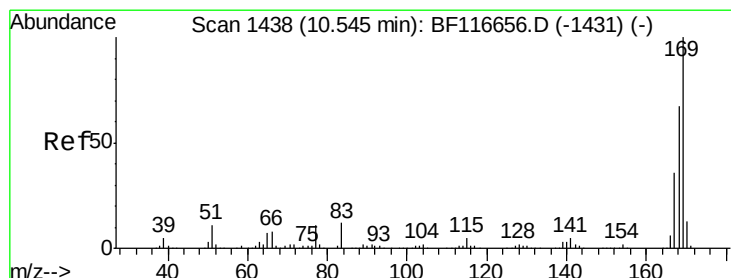
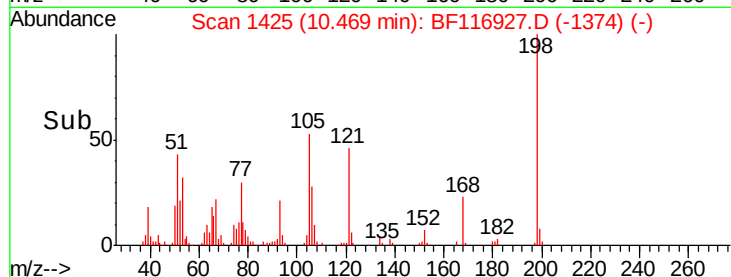
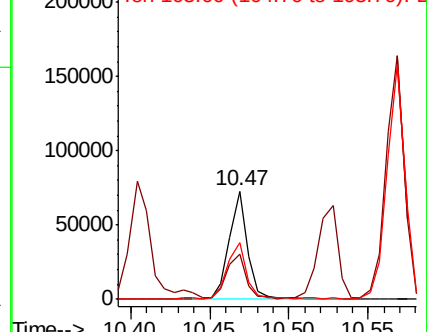
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Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 49.547 ng

RT: 10.53 min Scan# 1435

Delta R.T. 0.00 min

Lab File: BF116927.D

Acq: 10 Sep 2019 18:00

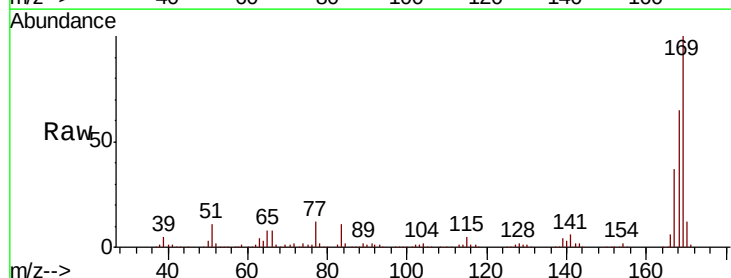
Tgt Ion:169 Resp: 462536

Ion Ratio Lower Upper

169 100

168 65.4 55.8 83.6

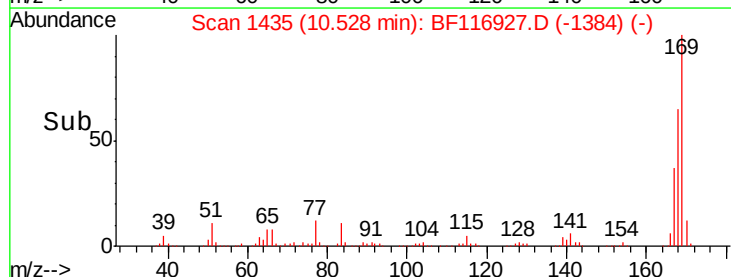
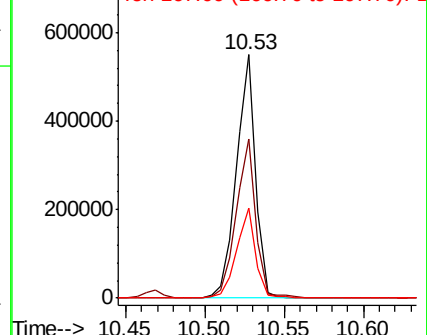
167 36.9 29.4 44.2

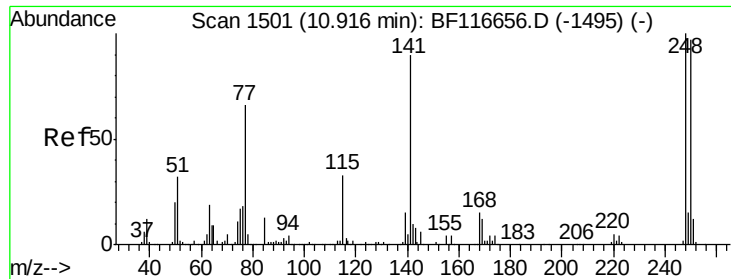


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E





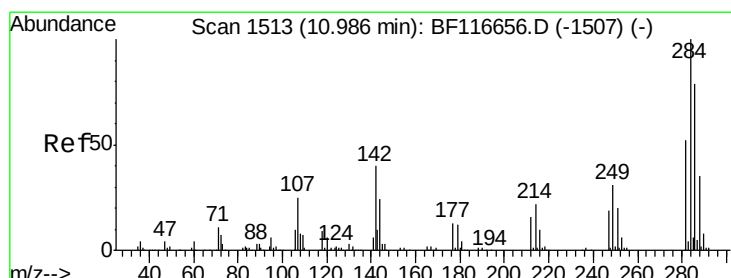
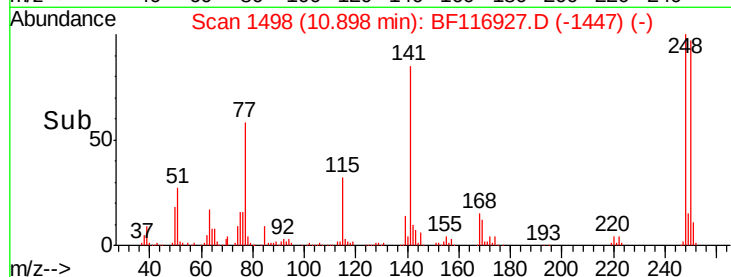
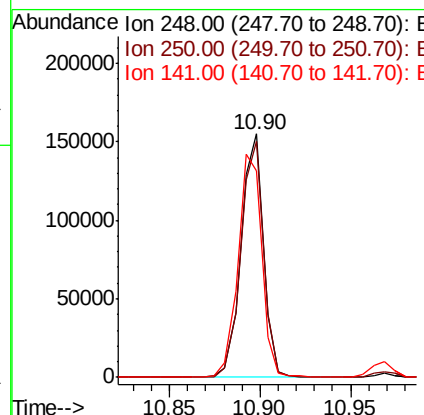
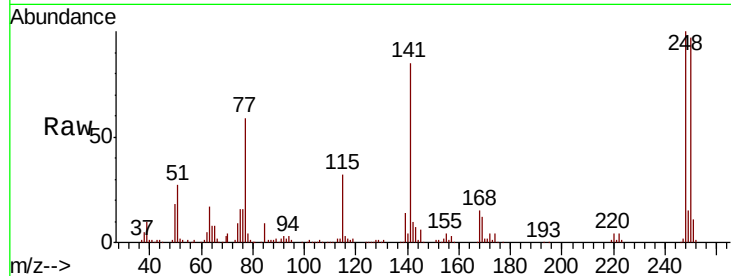
#67
4-Bromophenyl-phenylether
Concen: 48.457 ng
RT: 10.90 min Scan# 1498
Delta R.T. 0.00 min
Lab File: BF116927.D
Acq: 10 Sep 2019 18:00

Instrument :
BNA_F
ClientSampleId :
AU-06-090519MS

Tot Ion	Ratio	Lower	Upper
248	100		
250	96.8	77.8	116.8
141	84.6	75.9	113.9

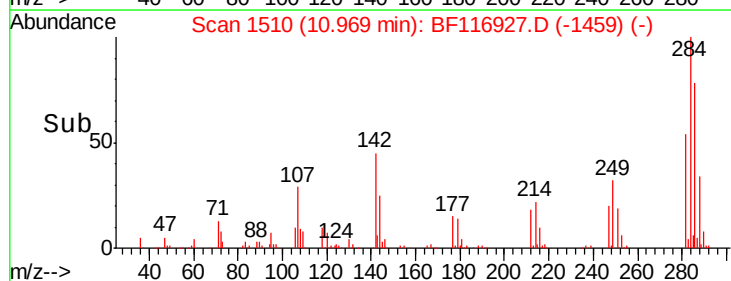
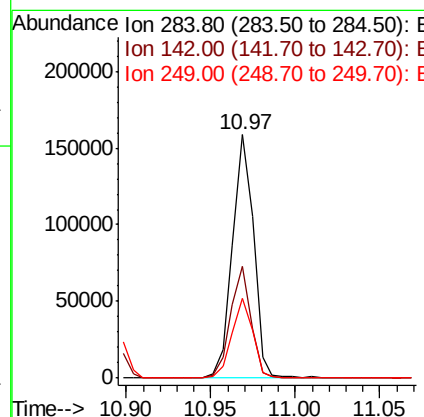
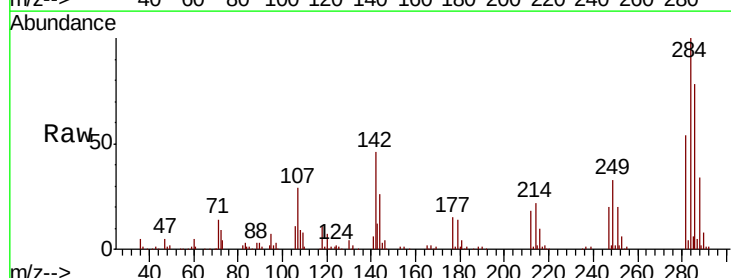
Manual Integrations
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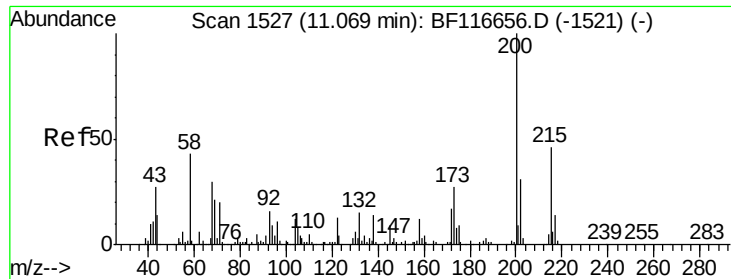
mohammad
9/16/2019 8:56:58 AM



#68
Hexachlorobenzene
Concen: 48.096 ng
RT: 10.97 min Scan# 1510
Delta R.T. 0.00 min
Lab File: BF116927.D
Acq: 10 Sep 2019 18:00

Tgt Ion	Ratio	Lower	Upper
284	100		
142	46.1	34.0	51.0
249	33.0	26.4	39.6





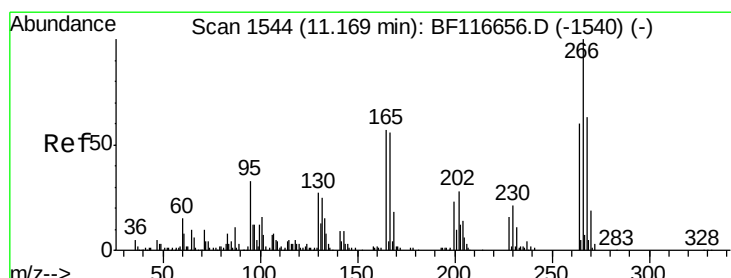
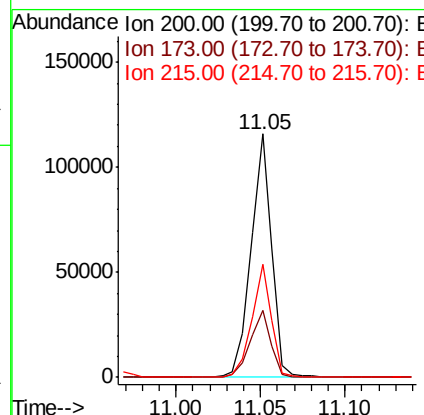
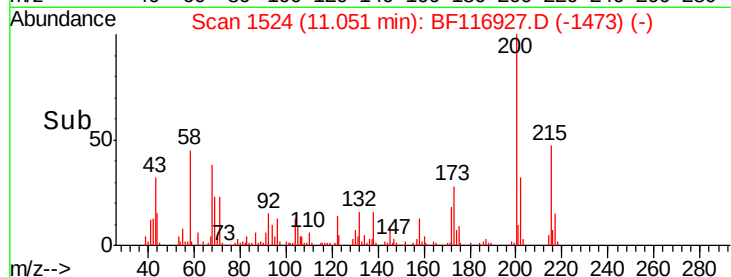
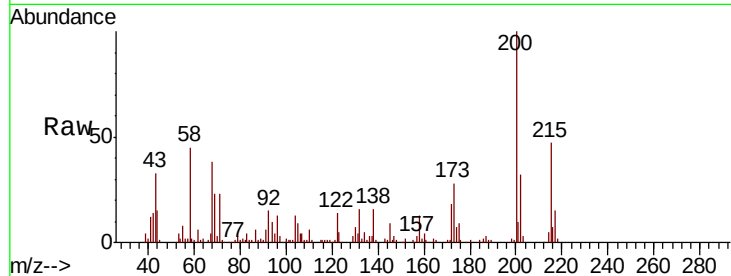
#69
Atrazine
Concen: 37.773 ng
RT: 11.05 min Scan# 1524
Delta R.T. 0.00 min
Lab File: BF116927.D
Acq: 10 Sep 2019 18:00

Instrument :
BNA_F
ClientSampleId :
AU-06-090519MS

Tot Ion	Ratio	Lower	Upper
200	100		
173	27.7	6.2	46.2
215	46.6	24.3	64.3

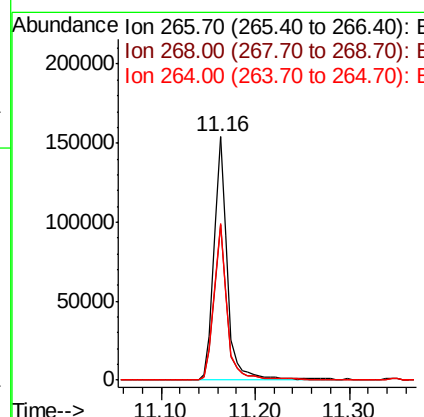
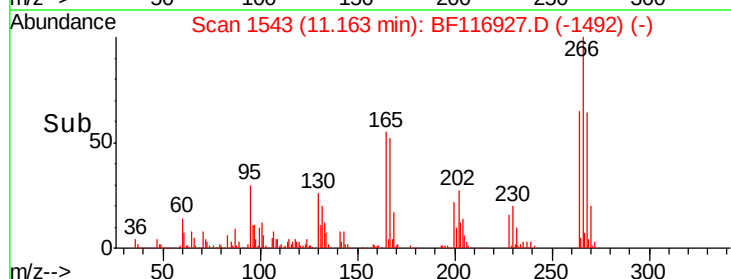
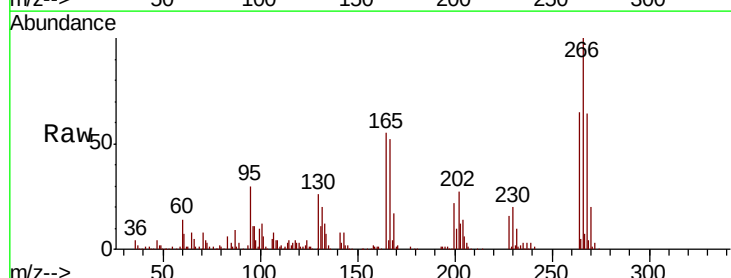
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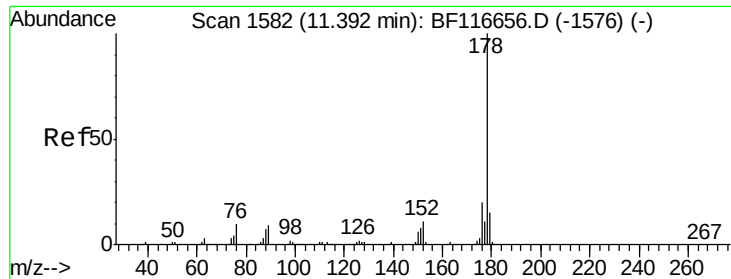
mohammad
9/16/2019 8:56:58 AM



#70
Pentachlorophenol
Concen: 114.586 ng
RT: 11.16 min Scan# 1543
Delta R.T. 0.00 min
Lab File: BF116927.D
Acq: 10 Sep 2019 18:00

Tgt Ion	Ratio	Lower	Upper
266	100		
268	63.7	51.2	76.8
264	64.5	51.9	77.9





#71

Phenanthrene

Concen: 49.832 ng

RT: 11.38 min Scan# 1580

Delta R.T. 0.00 min

Lab File: BF116927.D

Acq: 10 Sep 2019 18:00

Instrument :

BNA_F

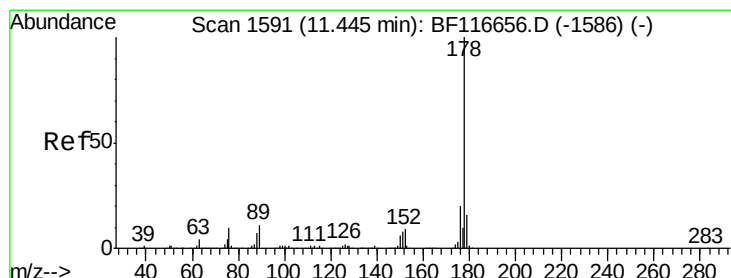
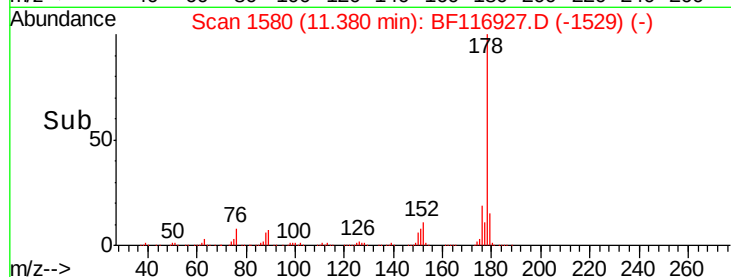
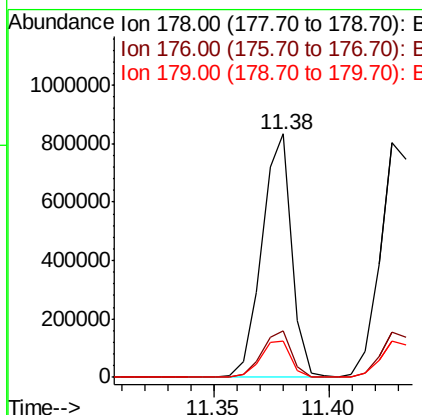
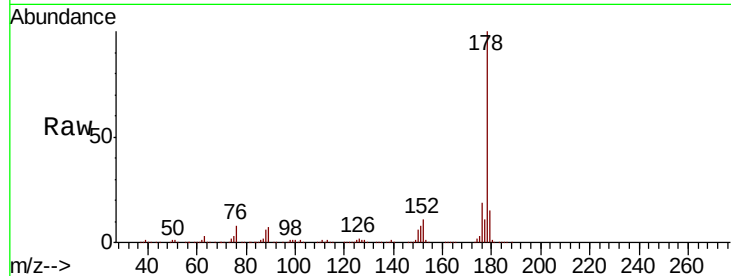
ClientSampleId :

AU-06-090519MS

Tot Ion:	178	Resp:	748570
Ion Ratio	Lower	Upper	
178	100		
176	19.1	15.4	23.0
179	14.9	12.2	18.2

Manual Integrations
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#72

Anthracene

Concen: 50.700 ng

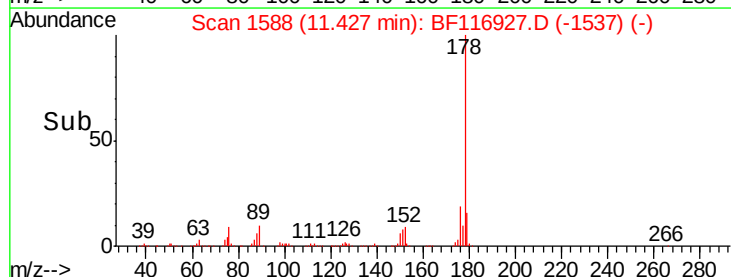
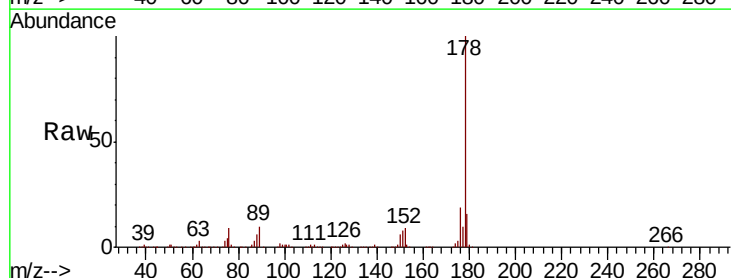
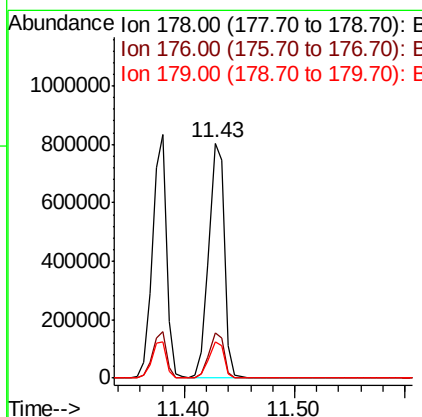
RT: 11.43 min Scan# 1588

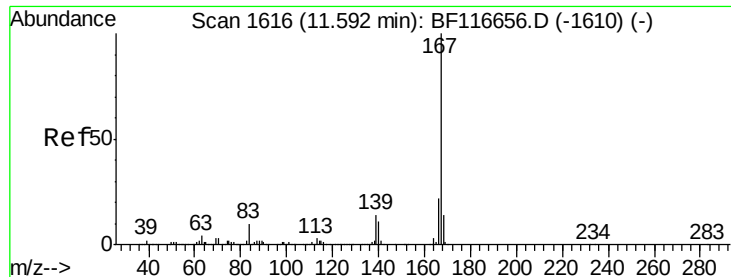
Delta R.T. 0.00 min

Lab File: BF116927.D

Acq: 10 Sep 2019 18:00

Tgt Ion:	178	Resp:	766667
Ion Ratio	Lower	Upper	
178	100		
176	19.1	15.4	23.0
179	15.5	12.5	18.7





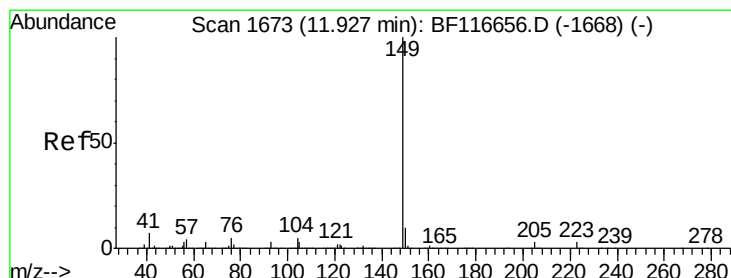
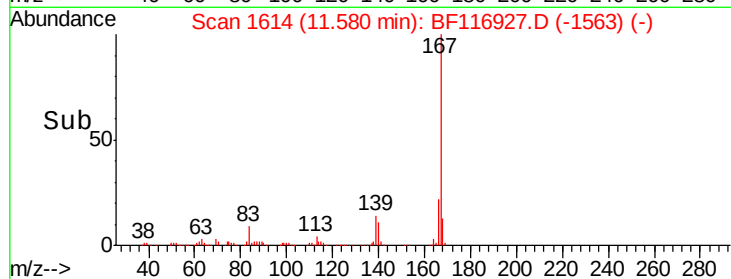
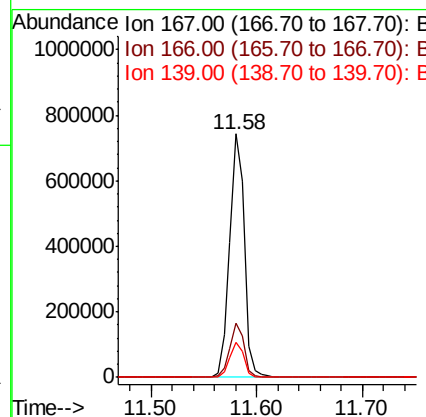
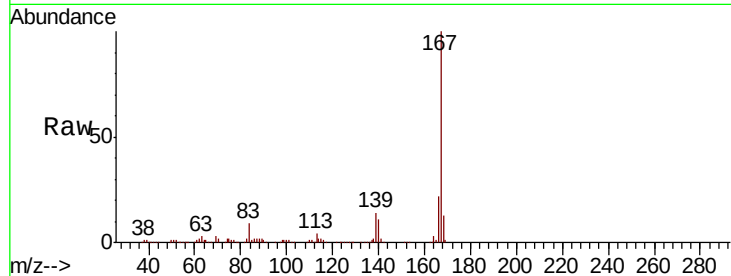
#73
 Carbazole
 Concen: 50.170 ng
 RT: 11.58 min Scan# 1614
 Delta R.T. 0.00 min
 Lab File: BF116927.D
 Acq: 10 Sep 2019 18:00

Instrument :
 BNA_F
 ClientSampleId :
 AU-06-090519MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
167	100				
166	22.0	17.8	26.6		
139	14.5	11.1	16.7		

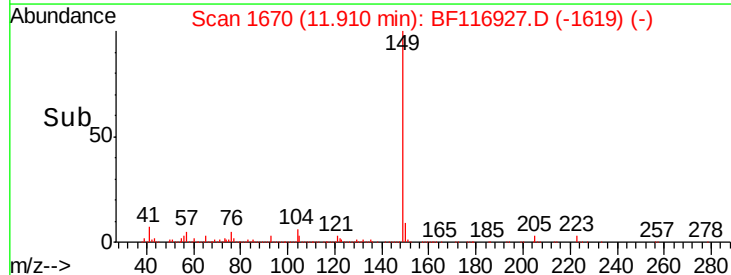
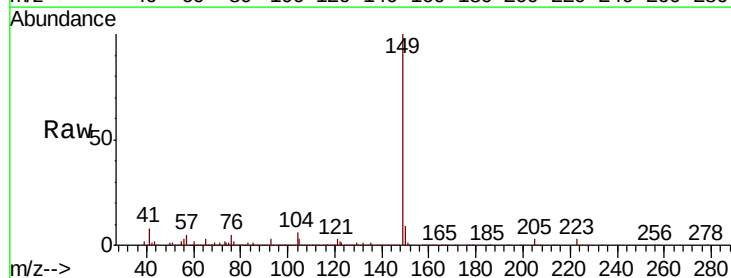
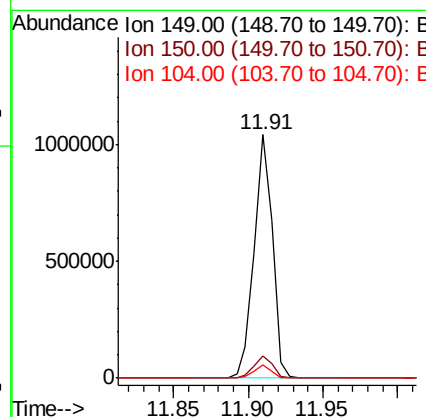
Manual Integrations
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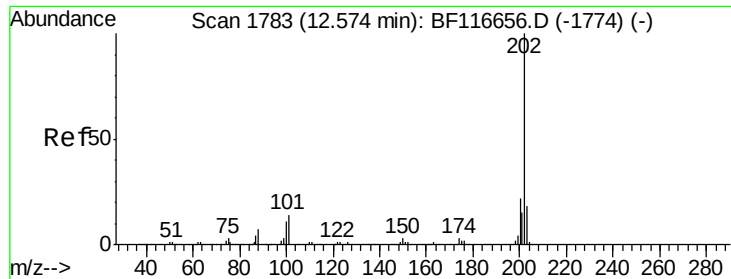
mohammad
 9/16/2019 8:56:58 AM



#74
 Di-n-butylphthalate
 Concen: 47.564 ng
 RT: 11.91 min Scan# 1670
 Delta R.T. 0.00 min
 Lab File: BF116927.D
 Acq: 10 Sep 2019 18:00

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
149	100				
150	9.3	7.2	10.8		
104	5.6	4.2	6.2		





#75

Fluoranthene

Concen: 50.383 ng

RT: 12.56 min Scan# 1781

Delta R.T. 0.00 min

Lab File: BF116927.D

Acq: 10 Sep 2019 18:00

Instrument :

BNA_F

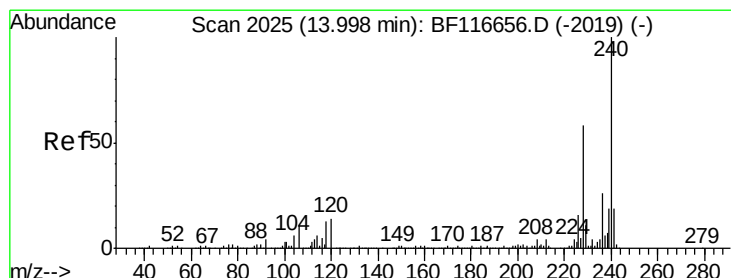
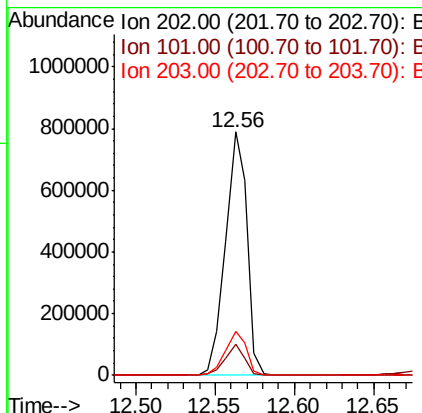
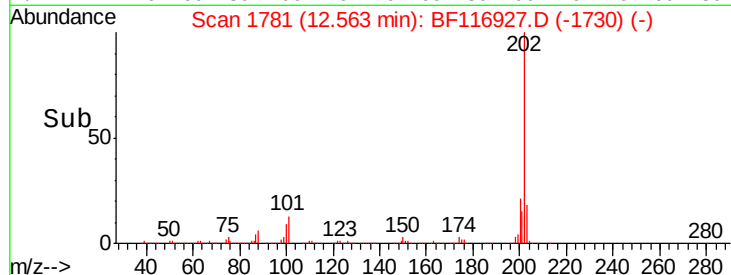
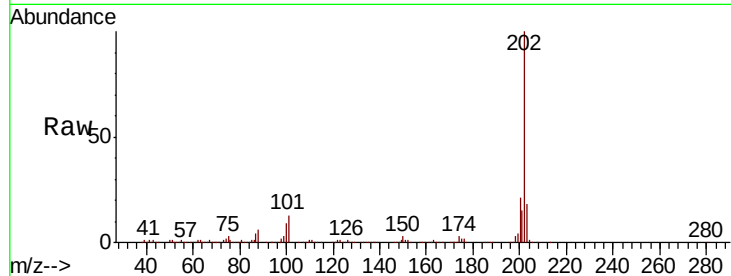
ClientSampleId :

AU-06-090519MS

Tot Ion:	202	Resp:	743789
Ion Ratio		Lower	Upper
202	100		
101	13.0	0.0	31.3
203	18.1	0.0	37.6

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#76

Chrysene-d12

Concen: 20.000 ng

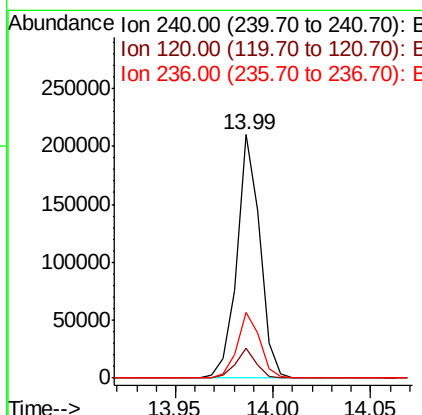
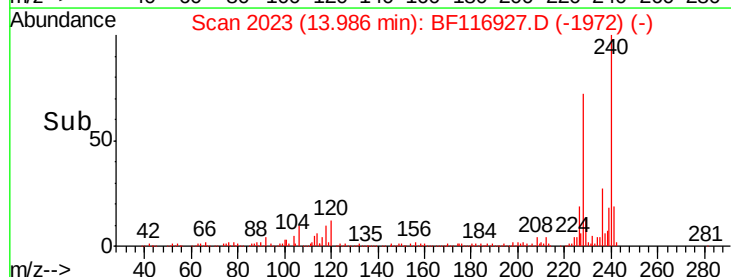
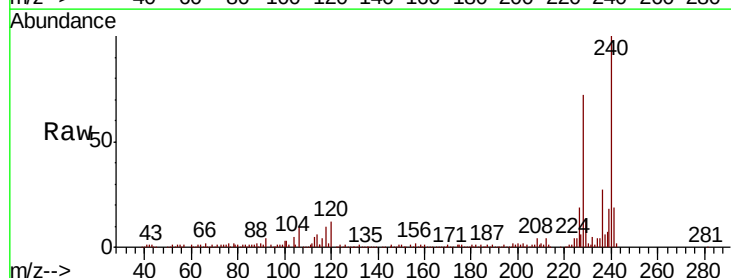
RT: 13.99 min Scan# 2023

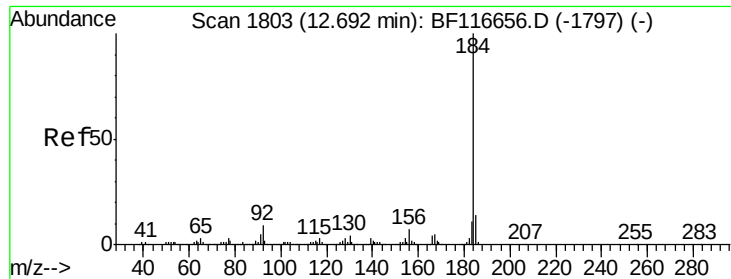
Delta R.T. 0.00 min

Lab File: BF116927.D

Acq: 10 Sep 2019 18:00

Tgt Ion:	240	Resp:	171352
Ion Ratio		Lower	Upper
240	100		
120	12.1	9.1	13.7
236	27.0	21.1	31.7





#77

Benzidine

Concen: 0.441 ng

RT: 12.69 min Scan# 1803

Delta R.T. 0.01 min

Lab File: BF116927.D

Acq: 10 Sep 2019 18:00

Instrument :

BNA_F

ClientSampleId :

AU-06-090519MS

Tot Ion:184 Resp: 2963

Ion Ratio Lower Upper

184 100

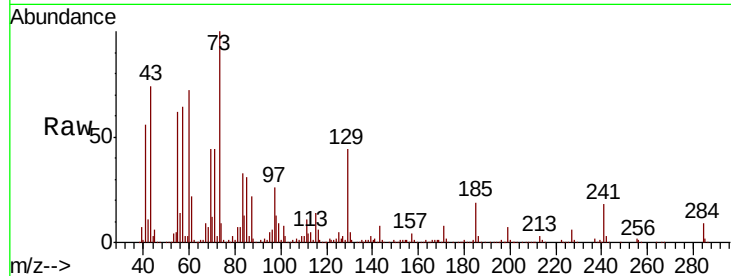
185 2916.6 11.3 16.9

183 54.2 9.2 13.8

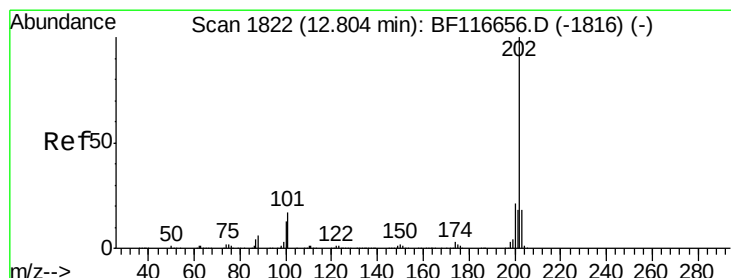
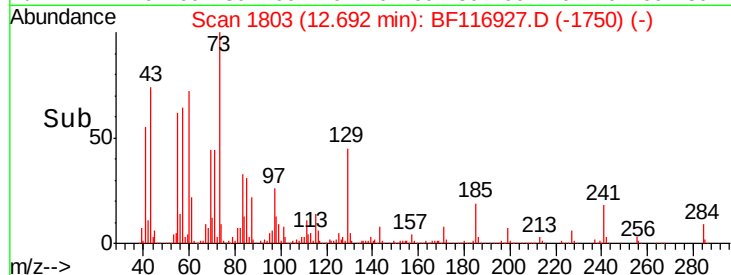
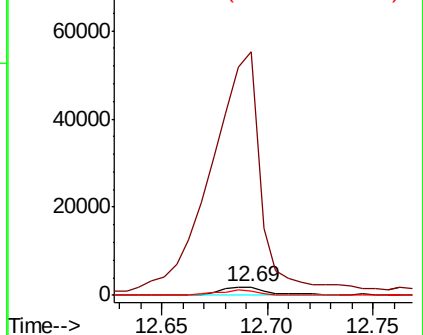
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Abundance Ion 184.00 (183.70 to 184.70): E
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 49.327 ng

RT: 12.79 min Scan# 1820

Delta R.T. 0.00 min

Lab File: BF116927.D

Acq: 10 Sep 2019 18:00

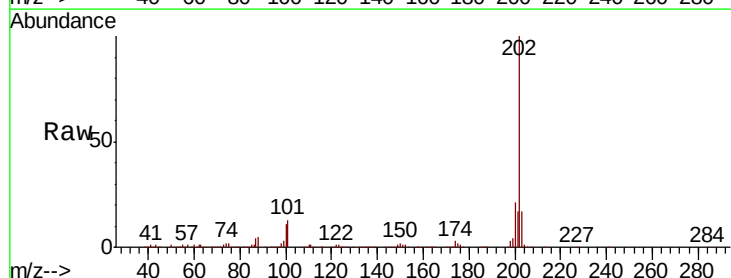
Tgt Ion:202 Resp: 751354

Ion Ratio Lower Upper

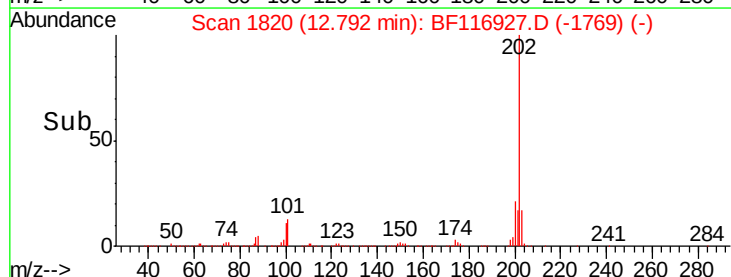
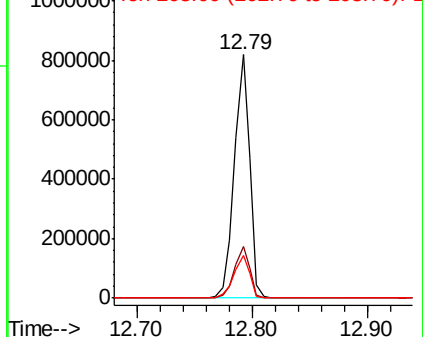
202 100

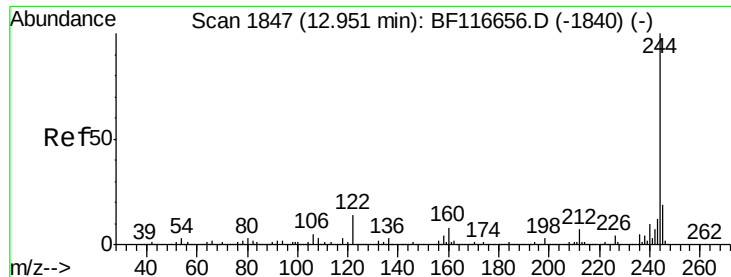
200 21.0 16.5 24.7

203 17.5 13.7 20.5



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





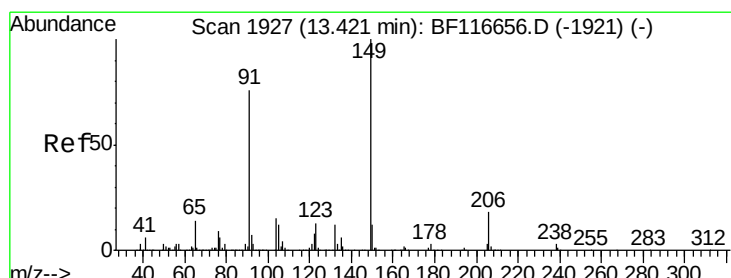
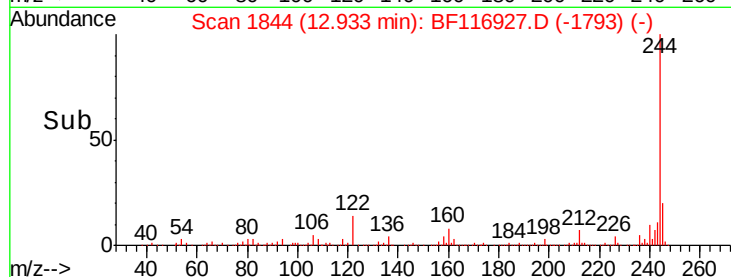
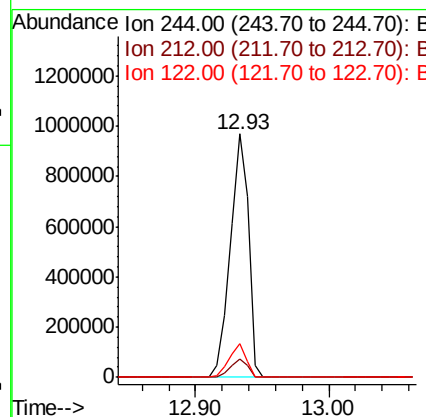
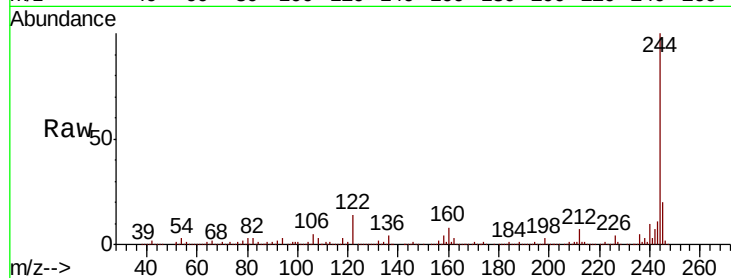
#79
 Terphenyl-d14
 Concen: 101.209 ng
 RT: 12.93 min Scan# 1844
 Delta R.T. 0.00 min
 Lab File: BF116927.D
 Acq: 10 Sep 2019 18:00

Instrument :
 BNA_F
 ClientSampleId :
 AU-06-090519MS

Tot Ion	Ratio	Lower	Upper
244	100		
212	7.4	6.1	9.1
122	14.0	10.2	15.4

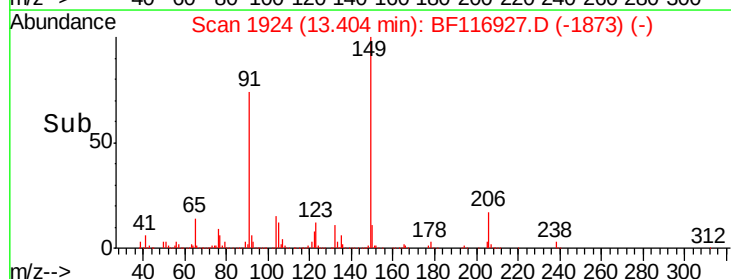
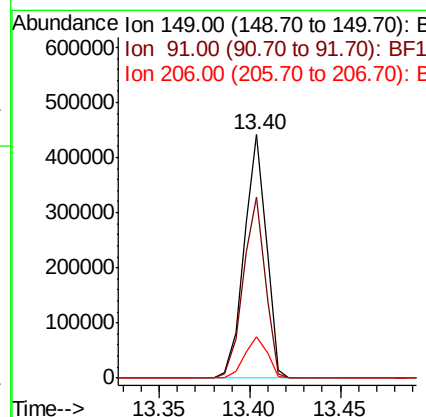
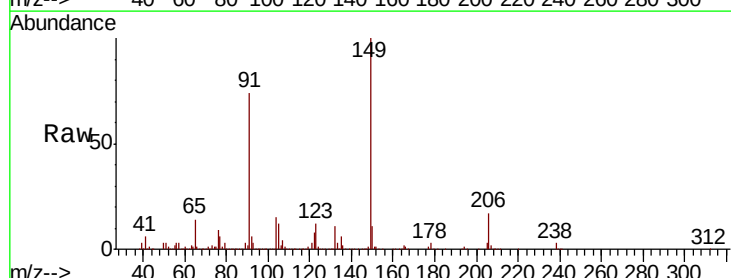
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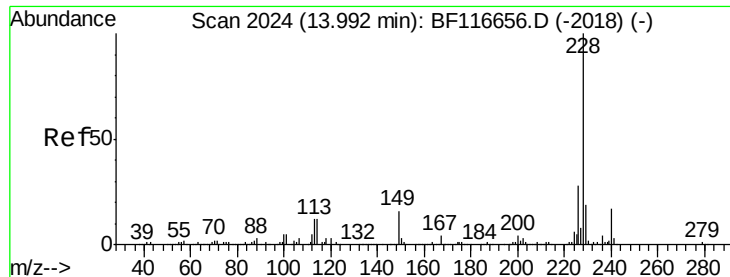
mohammad
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#80
 Butylbenzylphthalate
 Concen: 50.445 ng
 RT: 13.40 min Scan# 1924
 Delta R.T. 0.00 min
 Lab File: BF116927.D
 Acq: 10 Sep 2019 18:00

Tgt Ion	Ratio	Lower	Upper
149	100		
91	74.3	61.0	91.4
206	17.2	14.8	22.2





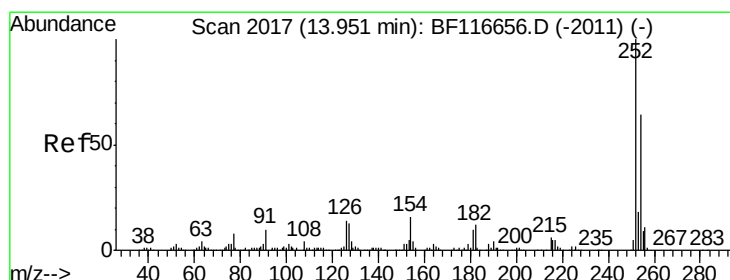
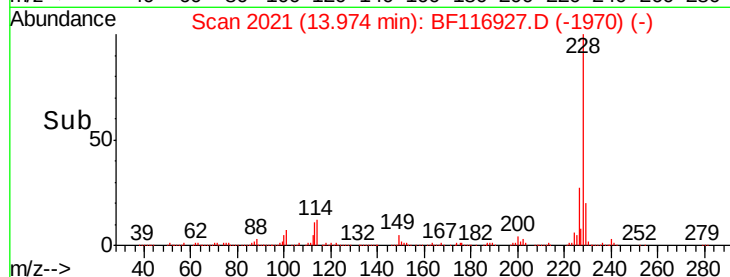
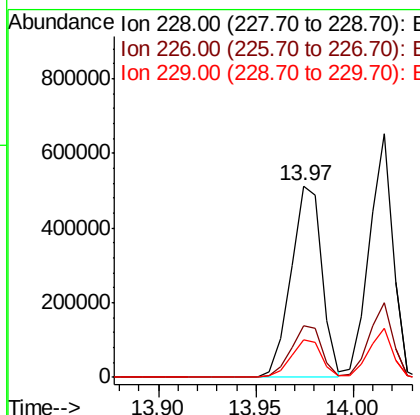
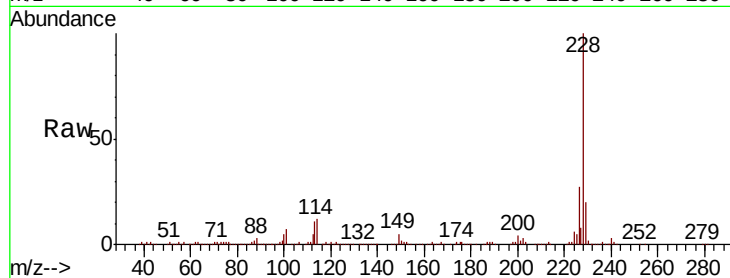
#81
Benzo(a)anthracene
Concen: 51.645 ng
RT: 13.97 min Scan# 2021
Delta R.T. 0.00 min
Lab File: BF116927.D
Acq: 10 Sep 2019 18:00

Instrument :
BNA_F
ClientSampleId :
AU-06-090519MS

Tot Ion	Ratio	Lower	Upper
228	100		
226	26.7	22.0	33.0
229	19.9	16.4	24.6

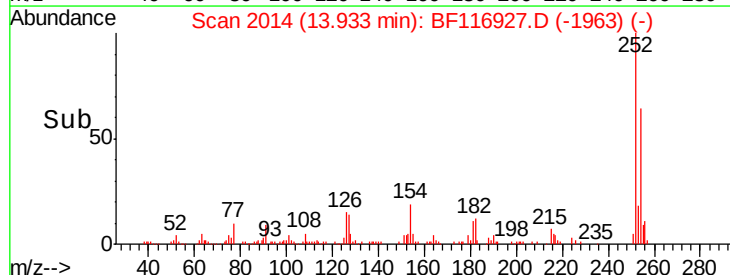
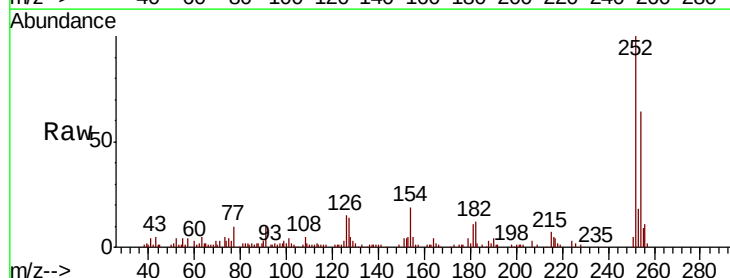
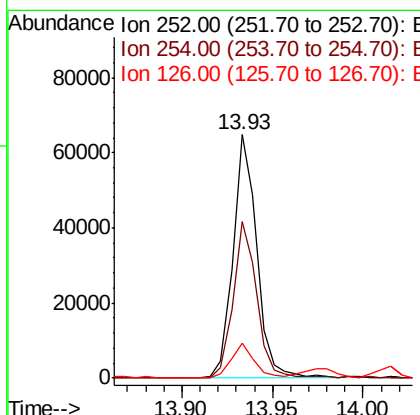
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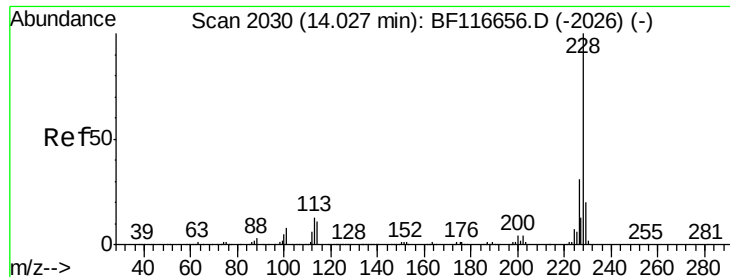
mohammad
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#82
3,3'-Dichlorobenzidine
Concen: 16.177 ng
RT: 13.93 min Scan# 2014
Delta R.T. 0.00 min
Lab File: BF116927.D
Acq: 10 Sep 2019 18:00

Tgt Ion	Ratio	Lower	Upper
252	100		
254	64.5	50.1	75.1
126	14.6	10.6	16.0





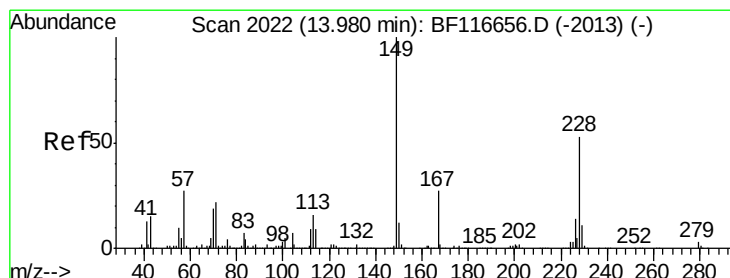
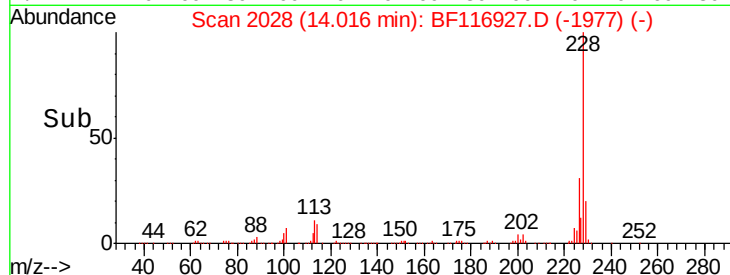
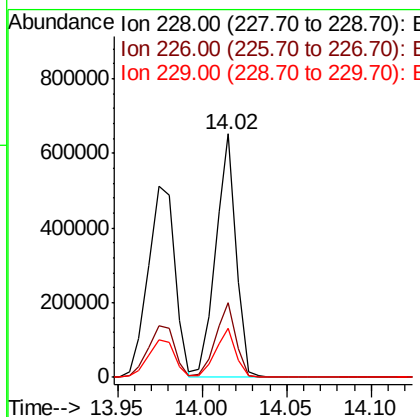
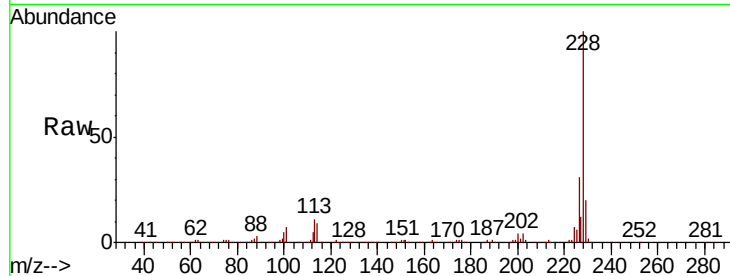
#83
 Chrysene
 Concen: 49.289 ng
 RT: 14.02 min Scan# 2028
 Delta R.T. 0.00 min
 Lab File: BF116927.D
 Acq: 10 Sep 2019 18:00

Instrument :
 BNA_F
 ClientSampleId :
 AU-06-090519MS

Tot Ion:	228	Resp:	550693
Ion Ratio		Lower	Upper
228	100		
226	30.8	24.0	36.0
229	20.0	15.4	23.0

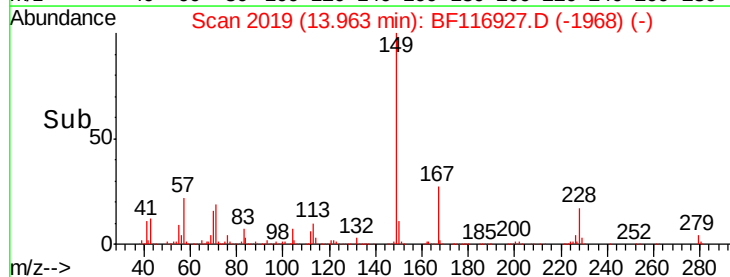
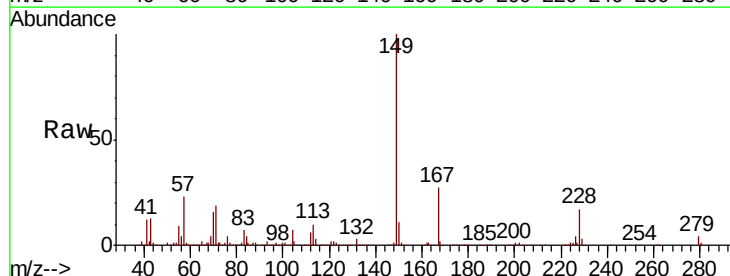
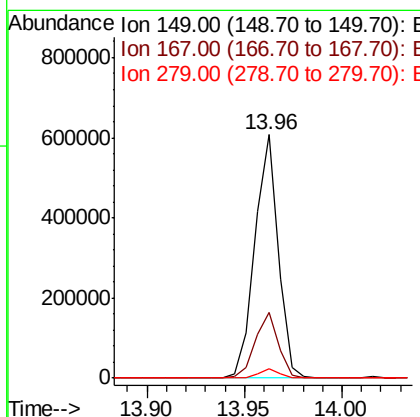
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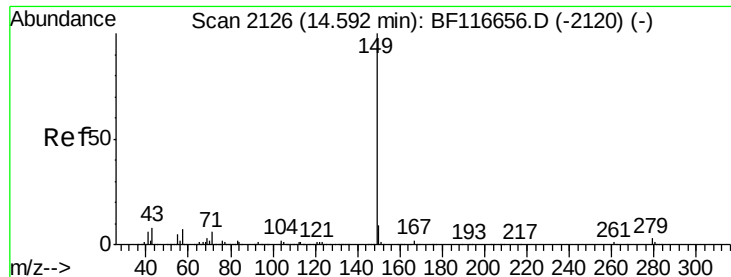
mohammad
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#84
 Bis(2-ethylhexyl)phthalate
 Concen: 55.190 ng
 RT: 13.96 min Scan# 2019
 Delta R.T. 0.00 min
 Lab File: BF116927.D
 Acq: 10 Sep 2019 18:00

Tgt Ion:	149	Resp:	504641
Ion Ratio		Lower	Upper
149	100		
167	27.0	21.0	31.4
279	3.6	2.8	4.2





#85

Di-n-octyl phthalate

Concen: 53.309 ng

RT: 14.57 min Scan# 2122

Delta R.T. 0.00 min

Lab File: BF116927.D

Acq: 10 Sep 2019 18:00

Instrument :

BNA_F

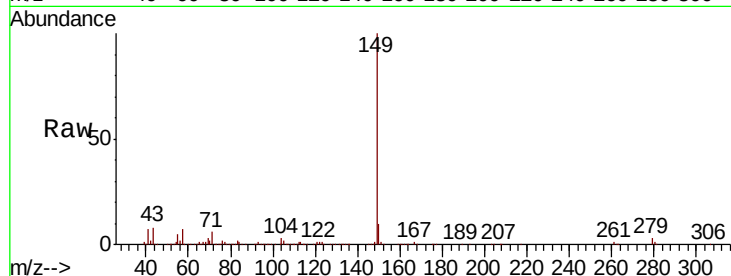
ClientSampleId :

AU-06-090519MS

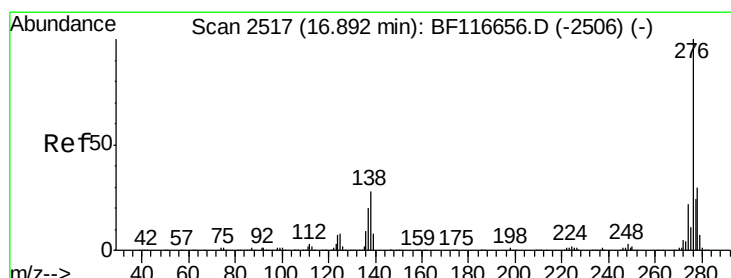
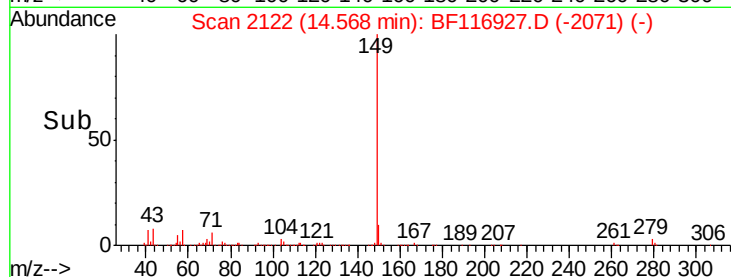
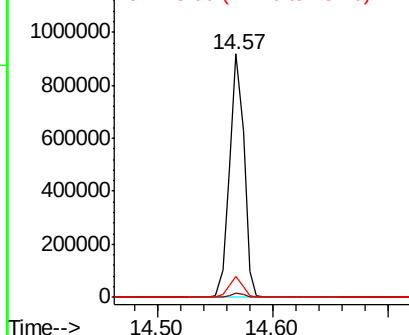
Tot Ion:	149	Resp:	797685
Ion Ratio	Lower	Upper	
149	100		
167	1.5	1.3	1.9
43	7.7	7.8	11.8#

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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: 53.185 ng

RT: 16.89 min Scan# 2516

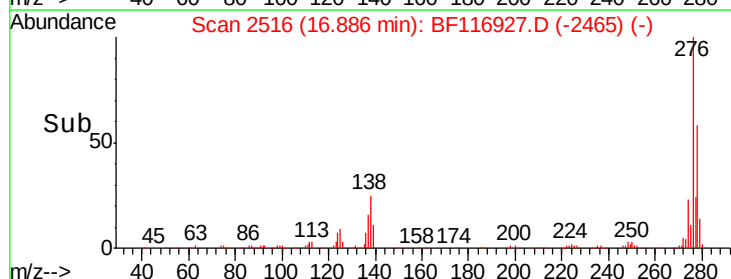
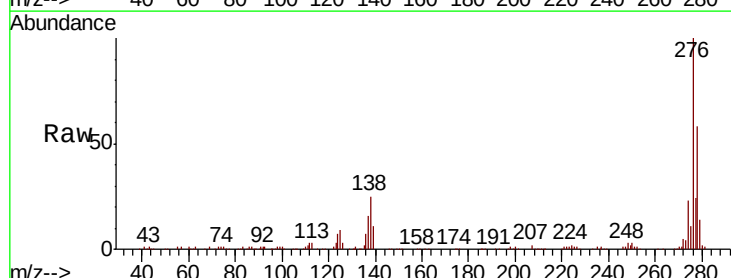
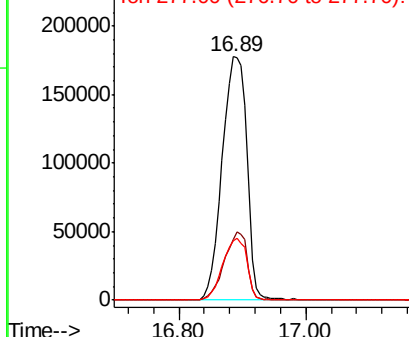
Delta R.T. 0.00 min

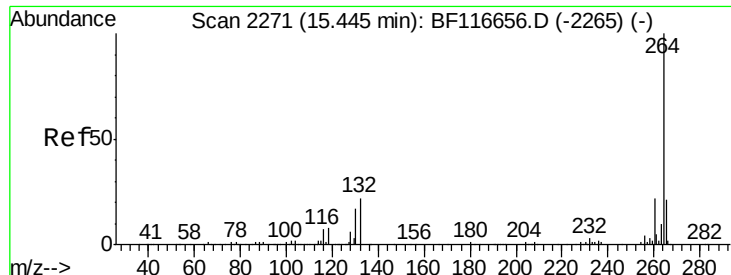
Lab File: BF116927.D

Acq: 10 Sep 2019 18:00

Tgt Ion:	276	Resp:	477295
Ion Ratio	Lower	Upper	
276	100		
138	25.8	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





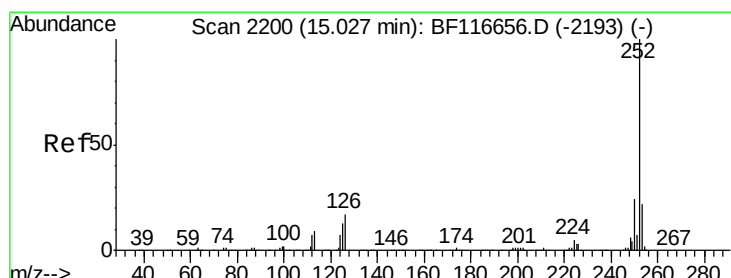
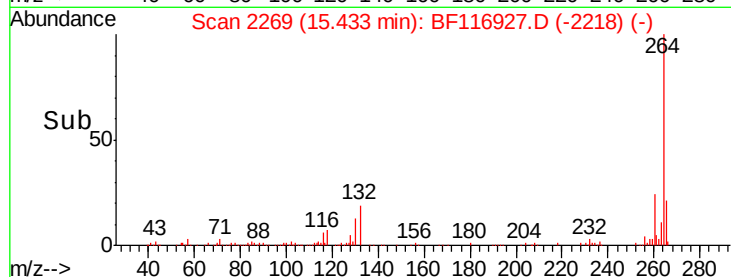
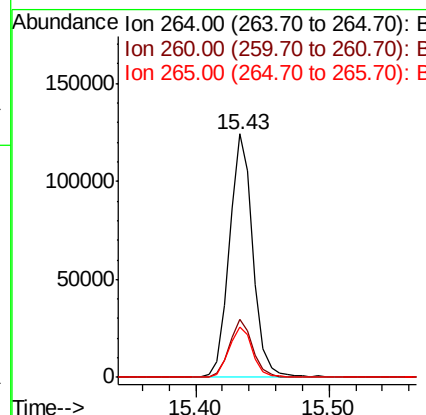
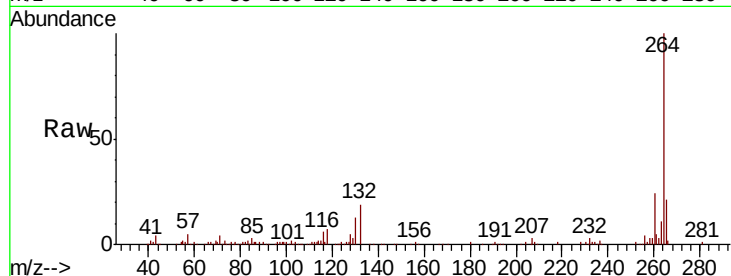
#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.43 min Scan# 2269
Delta R.T. 0.00 min
Lab File: BF116927.D
Acq: 10 Sep 2019 18:00

Instrument :
BNA_F
ClientSampleId :
AU-06-090519MS

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.0	18.3	27.5
265	20.8	16.5	24.7

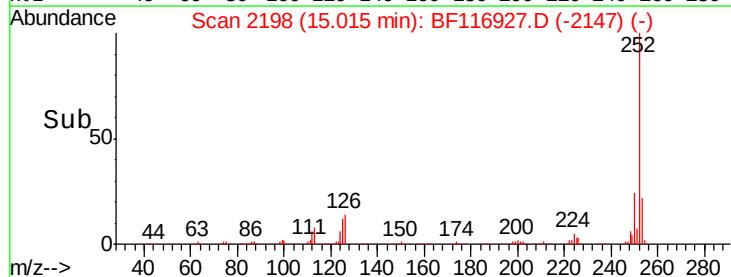
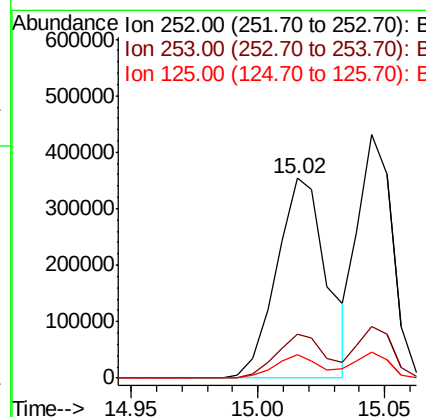
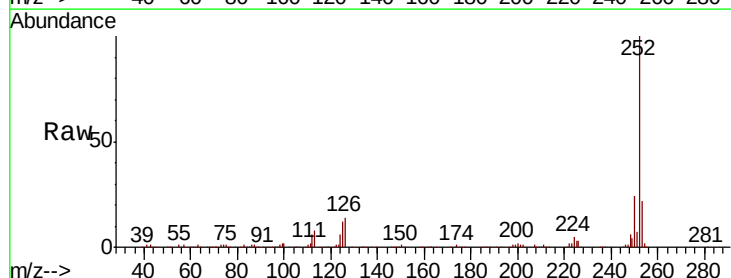
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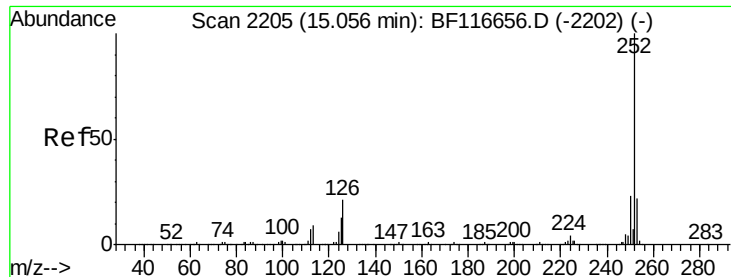
mohammad
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#88
Benzo(b)fluoranthene
Concen: 52.716 ng
RT: 15.02 min Scan# 2198
Delta R.T. 0.00 min
Lab File: BF116927.D
Acq: 10 Sep 2019 18:00

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.7	17.7	26.5
125	11.8	8.2	12.2





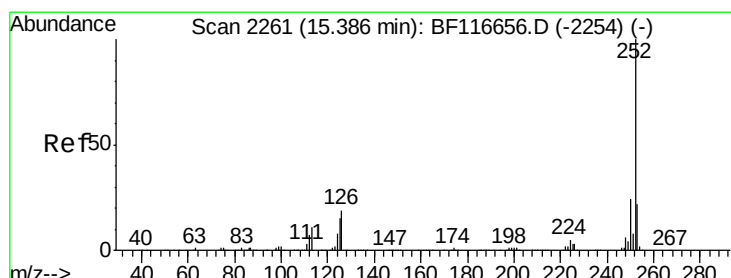
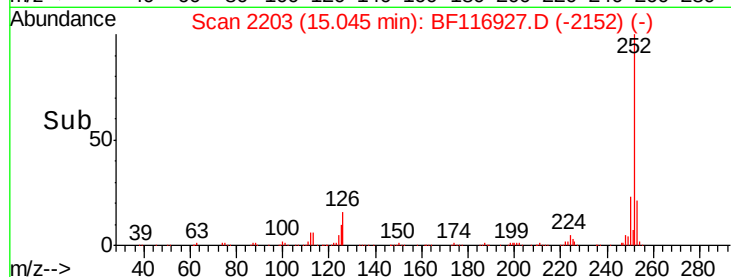
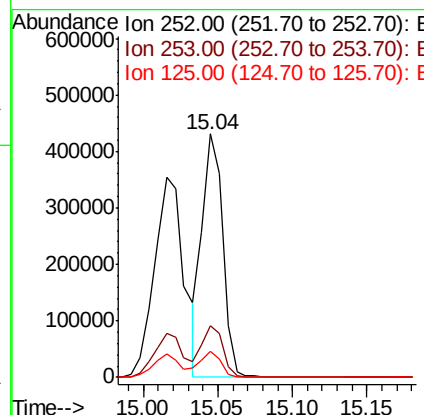
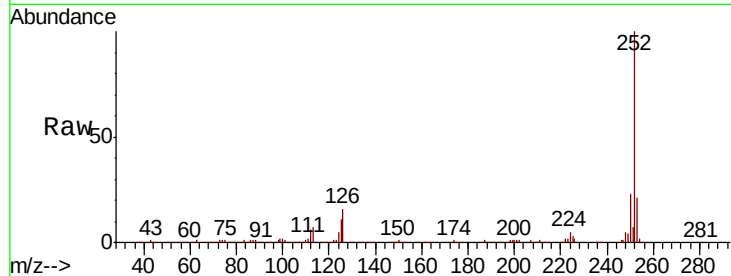
#89
Benzo(k)fluoranthene
Concen: 48.314 ng
RT: 15.04 min Scan# 2203
Delta R.T. 0.00 min
Lab File: BF116927.D
Acq: 10 Sep 2019 18:00

Instrument :
BNA_F
ClientSampleId :
AU-06-090519MS

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.4	17.7	26.5
125	10.5	8.6	13.0

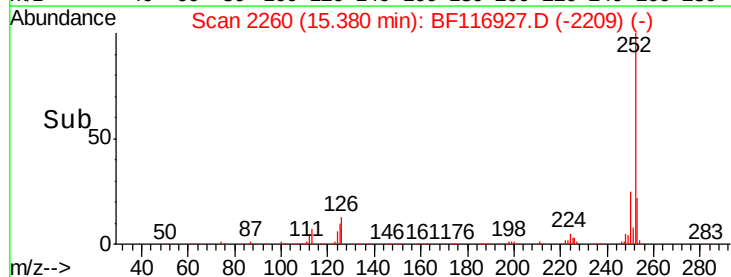
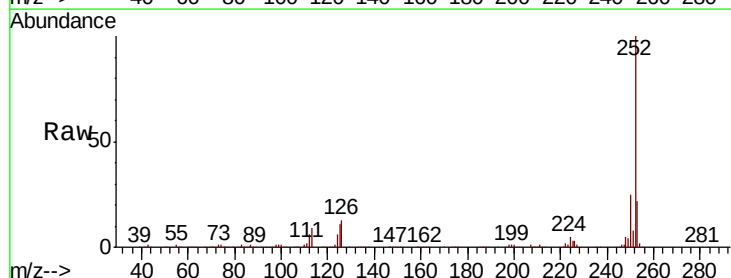
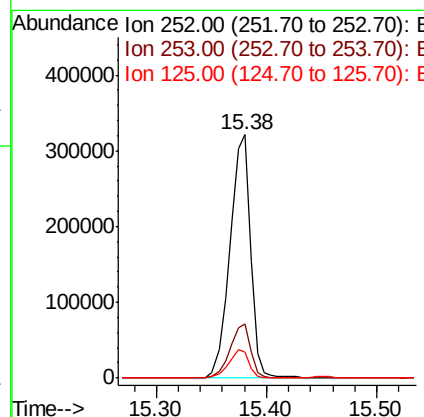
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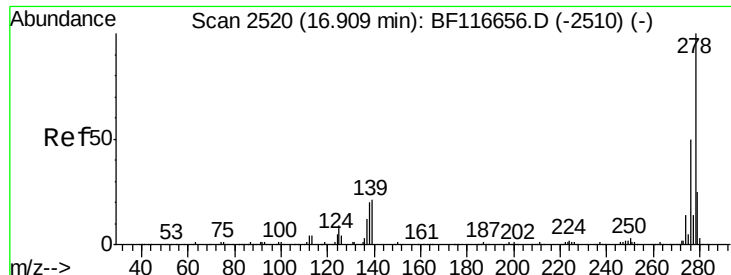
mohammad
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#90
Benzo(a)pyrene
Concen: 52.244 ng
RT: 15.38 min Scan# 2260
Delta R.T. 0.00 min
Lab File: BF116927.D
Acq: 10 Sep 2019 18:00

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.0	18.1	27.1
125	10.9	9.8	14.8





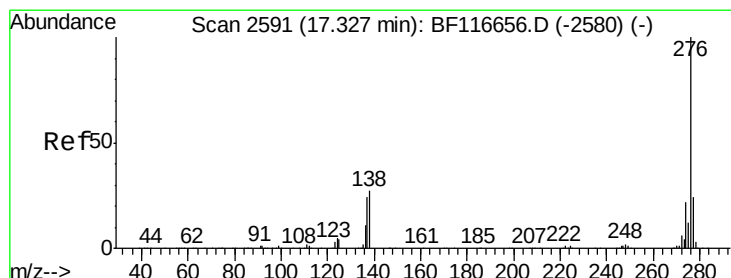
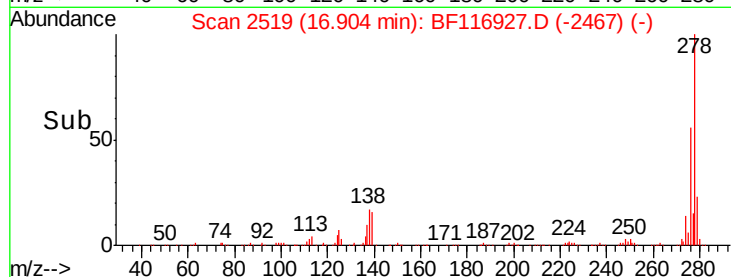
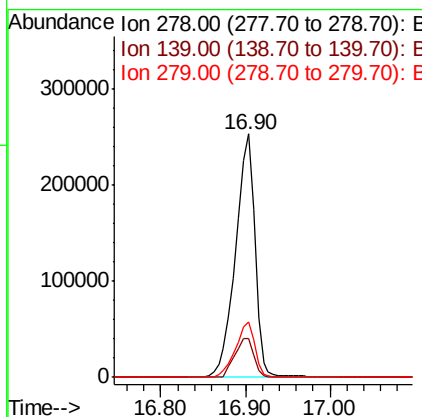
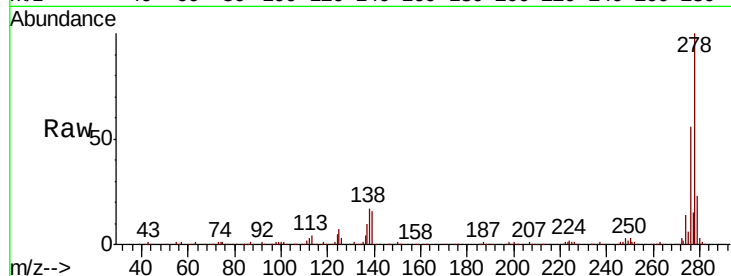
#91
Dibenzo(a,h)anthracene
Concen: 56.487 ng
RT: 16.90 min Scan# 2519
Delta R.T. 0.01 min
Lab File: BF116927.D
Acq: 10 Sep 2019 18:00

Instrument :
BNA_F
ClientSampleId :
AU-06-090519MS

Tot Ion	Ratio	Lower	Upper
278	100		
139	16.1	12.4	18.6
279	22.6	18.2	27.4

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#92
Benzo(g,h,i)perylene
Concen: 56.274 ng
RT: 17.32 min Scan# 2590
Delta R.T. 0.00 min
Lab File: BF116927.D
Acq: 10 Sep 2019 18:00

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.7	18.5	27.7
138	23.6	16.2	24.2

