

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF090619\
 Data File : BF116864.D
 Acq On : 6 Sep 2019 16:20
 Operator : HP/JU
 Sample : K4650-11MS
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-6MS

Manual Integrations
 APPROVED

mohammad
 9/12/2019 9:23:40 AM

Quant Time: Sep 07 04:48:35 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF083019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 30 20:02:30 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	80365	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	310252	20.00	ng	0.00
39) Acenaphthene-d10	9.88	164	157451	20.00	ng	0.00
64) Phenanthrene-d10	11.37	188	237441	20.00	ng	0.00
76) Chrysene-d12	14.00	240	144188	20.00	ng	0.00
87) Perylene-d12	15.46	264	167927	20.00	ng	0.02

System Monitoring Compounds						
5) 2-Fluorophenol	5.48	112	635116	128.03	ng	0.02
7) Phenol-d6	6.49	99	848237	130.22	ng	0.00
23) Nitrobenzene-d5	7.41	82	521809	96.01	ng	0.00
42) 2,4,6-Tribromophenol	10.67	330	157663	149.79	ng	0.00
45) 2-Fluorobiphenyl	9.20	172	841514	90.16	ng	0.00
79) Terphenyl-d14	12.94	244	674956	86.60	ng	0.00

Target Compounds				Qvalue		
2) 1,4-Dioxane	2.65	88	79784	34.841	ng	97
3) Pyridine	3.41	79	198427	29.927	ng	94
4) n-Nitrosodimethylamine	3.34	42	79070	34.729	ng	80
6) Aniline	6.51	93	120263	13.330	ng	93
8) 2-Chlorophenol	6.64	128	228970	42.283	ng	99
9) Benzaldehyde	6.39	77	151955	35.409	ng	99
10) Phenol	6.50	94	306751	42.528	ng	96
11) bis(2-Chloroethyl)ether	6.58	93	212641	37.861	ng	98
12) 1,3-Dichlorobenzene	6.79	146	239660	39.158	ng	95
13) 1,4-Dichlorobenzene	6.86	146	243791	40.010	ng	98
14) 1,2-Dichlorobenzene	7.02	146	226708	40.148	ng	97
15) Benzyl Alcohol	6.99	79	217597	41.153	ng	97
16) 2,2'-oxybis(1-Chloropropan	7.12	45	214113	32.494	ng	92
17) 2-Methylphenol	7.10	107	192712	40.652	ng	97
18) Hexachloroethane	7.36	117	89069	37.624	ng	94
19) n-Nitroso-di-n-propylamine	7.26	70	164476	38.349	ng	93
20) 3+4-Methylphenols	7.26	107	243047	44.096	ng	# 74
22) Acetophenone	7.25	105	334046	44.722	ng	94
24) Nitrobenzene	7.43	77	255222	46.175	ng	95
25) Isophorone	7.67	82	456954	41.494	ng	100
26) 2-Nitrophenol	7.75	139	107985	52.549	ng	94
27) 2,4-Dimethylphenol	7.79	122	200533	48.319	ng	97
28) bis(2-Chloroethoxy)methane	7.87	93	277205	41.191	ng	99
29) 2,4-Dichlorophenol	7.99	162	184532	46.267	ng	97
30) 1,2,4-Trichlorobenzene	8.07	180	188534	43.582	ng	95
31) Naphthalene	8.15	128	653387	44.289	ng	99
32) Benzoic acid	7.89	122	55386	23.635	ng	96
33) 4-Chloroaniline	8.19	127	46974	6.995	ng	97
34) Hexachlorobutadiene	8.27	225	105155	44.581	ng	99
35) Caprolactam	8.56	113	60154m	40.300	ng	
36) 4-Chloro-3-methylphenol	8.69	107	214784	46.855	ng	98
37) 2-Methylnaphthalene	8.84	142	445026	45.338	ng	98
38) 1-Methylnaphthalene	8.94	142	411408	44.399	ng	100
40) 1,2,4,5-Tetrachlorobenzene	9.01	216	172517	45.707	ng	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.00	237	85456	39.207	nq	100
43) 2,4,6-Trichlorophenol	9.12	196	120069	46.407	nq	96
44) 2,4,5-Trichlorophenol	9.16	196	129708	48.288	nq	95
46) 1,1'-Biphenyl	9.30	154	517620	43.324	nq	99
47) 2-Chloronaphthalene	9.33	162	412180	43.557	nq	98
48) 2-Nitroaniline	9.42	65	131292	47.991	nq	98
49) Acenaphthylene	9.75	152	640642	44.786	nq	99
50) Dimethylphthalate	9.60	163	580702	53.421	nq	97
51) 2,6-Dinitrotoluene	9.66	165	102467	49.406	nq	97
52) Acenaphthene	9.92	154	373763	42.526	nq	99
53) 3-Nitroaniline	9.83	138	49492	19.042	nq	93
54) 2,4-Dinitrophenol	9.94	184	7182	17.697	nq	# 88
55) Dibenzofuran	10.09	168	564998	45.601	nq	97
56) 4-Nitrophenol	10.00	139	157528	88.391	nq	# 83
57) 2,4-Dinitrotoluene	10.07	165	134521	53.045	nq	98
58) Fluorene	10.43	166	441805	46.797	nq	99
59) 2,3,4,6-Tetrachlorophenol	10.21	232	89394	46.113	nq	95
60) Diethylphthalate	10.30	149	481583	44.227	nq	97
61) 4-Chlorophenyl-phenylether	10.42	204	191556	46.335	nq	95
62) 4-Nitroaniline	10.45	138	102466	40.623	nq	95
63) Azobenzene	10.58	77	489603	43.122	nq	95
65) 4,6-Dinitro-2-methylphenol	10.48	198	8555	15.715	nq	87
66) n-Nitrosodiphenylamine	10.54	169	391221	47.629	nq	97
67) 4-Bromophenyl-phenylether	10.91	248	111391	46.180	nq	96
68) Hexachlorobenzene	10.99	284	113055	44.798	nq	95
69) Atrazine	11.06	200	107192	46.595	nq	97
70) Pentachlorophenol	11.17	266	103708	84.950	nq	95
71) Phenanthrene	11.39	178	595239	45.034	nq	100
72) Anthracene	11.44	178	615777	46.281	nq	98
73) Carbazole	11.60	167	560804	44.248	nq	99
74) Di-n-butylphthalate	11.92	149	722778	44.485	nq	99
75) Fluoranthene	12.58	202	537593	41.387	nq	98
77) Benzidine	12.69	184	233540	41.295	nq	99
78) Pyrene	12.80	202	539394	42.083	nq	99
80) Butylbenzylphthalate	13.42	149	266453	42.748	nq	97
81) Benzo(a)anthracene	13.99	228	424848	46.556	nq	99
82) 3,3'-Dichlorobenzidine	13.95	252	121686	39.458	nq	96
83) Chrysene	14.03	228	412294	43.854	nq	99
84) Bis(2-ethylhexyl)phthalate	13.97	149	363348	47.224	nq	98
85) Di-n-octyl phthalate	14.59	149	585674	46.514	nq	# 95
86) Indeno(1,2,3-cd)pyrene	16.93	276	412772	54.660	nq	98
88) Benzo(b)fluoranthene	15.04	252	411721	40.553	nq	99
89) Benzo(k)fluoranthene	15.07	252	400762	43.293	nq	99
90) Benzo(a)pyrene	15.40	252	401266	45.429	nq	99
91) Dibenzo(a,h)anthracene	16.94	278	346036	44.757	nq	96
92) Benzo(g,h,i)perylene	17.37	276	312482	39.629	nq	97

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

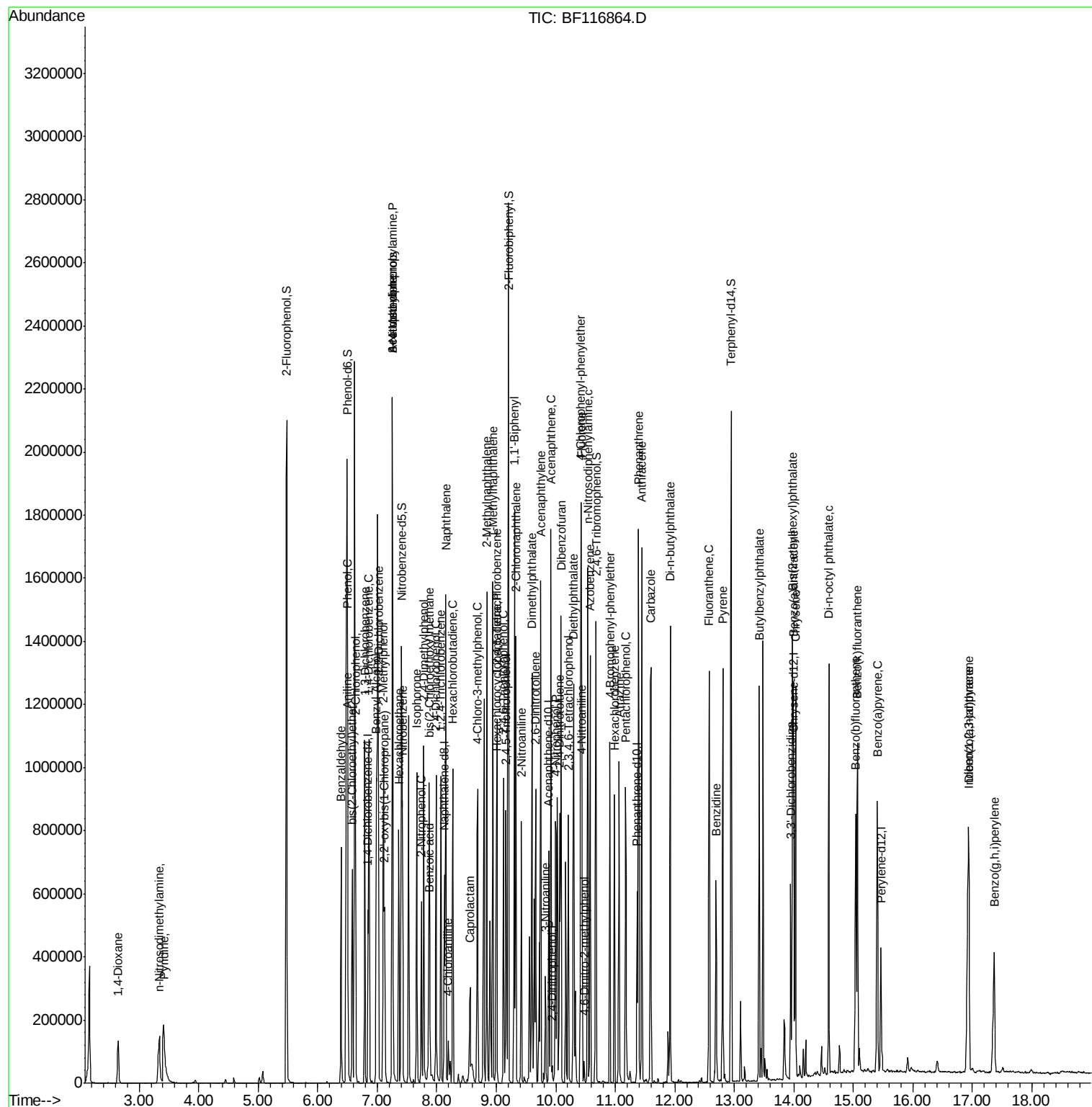
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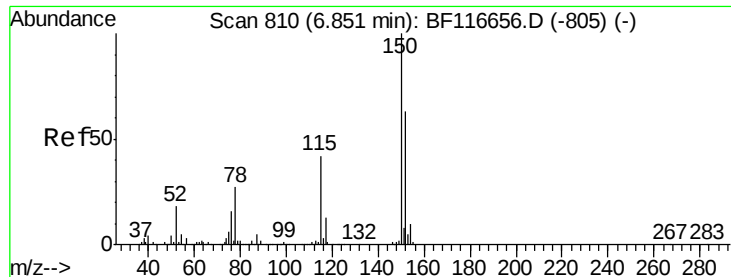
Instrument :
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 ClientSampled :
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#1

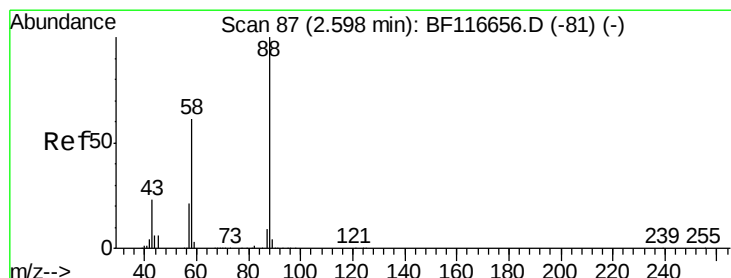
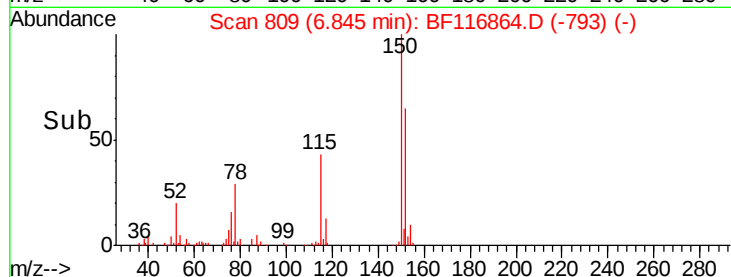
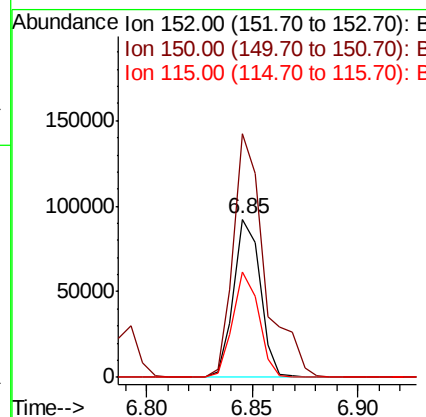
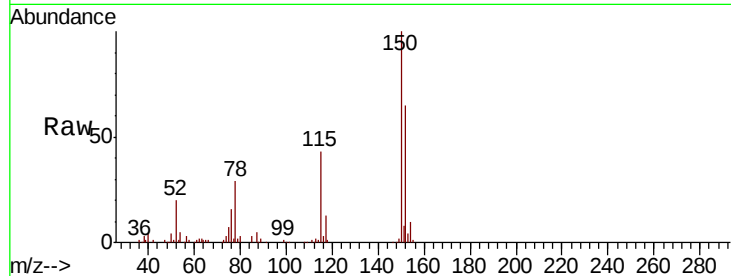
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.85 min Scan# 809
Delta R.T. -0.01 min
Lab File: BF116864.D
Acq: 6 Sep 2019 16:20

Instrument :
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ClientSampleId :
TP-6MS

Tot Ion	Ratio	Lower	Upper
152	100		
150	153.8	124.4	186.6
115	66.4	49.9	74.9

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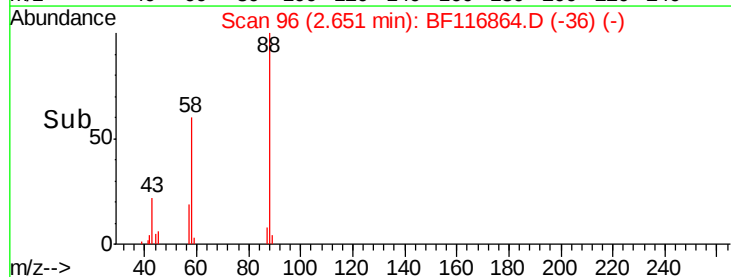
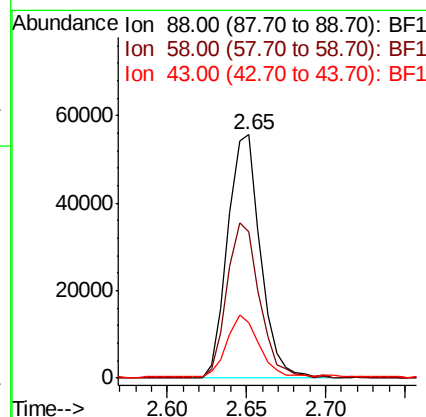
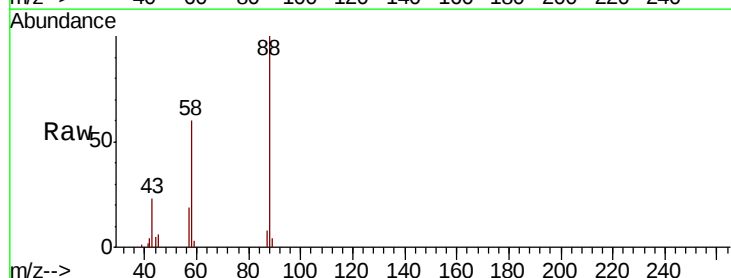
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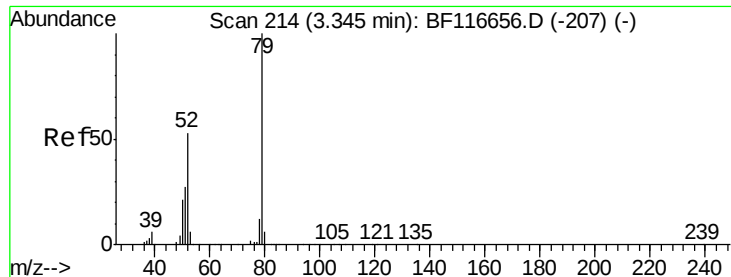


#2

1,4-Dioxane
Concen: 34.841 ng
RT: 2.65 min Scan# 96
Delta R.T. 0.05 min
Lab File: BF116864.D
Acq: 6 Sep 2019 16:20

Tgt Ion	Ratio	Lower	Upper
88	100		
58	63.4	51.7	77.5
43	27.4	19.8	29.8





#3

Pvridine

Concen: 29.927 ng

RT: 3.41 min Scan# 225

Delta R.T. 0.06 min

Lab File: BF116864.D

Acq: 6 Sep 2019 16:20

Instrument :

BNA_F

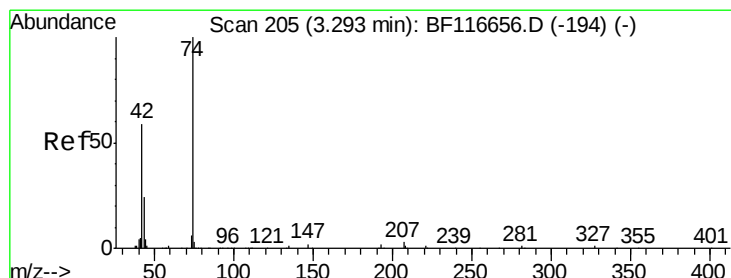
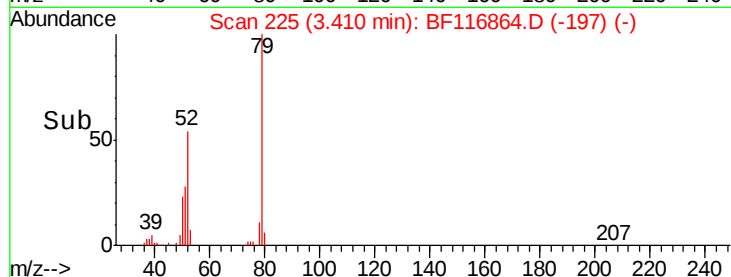
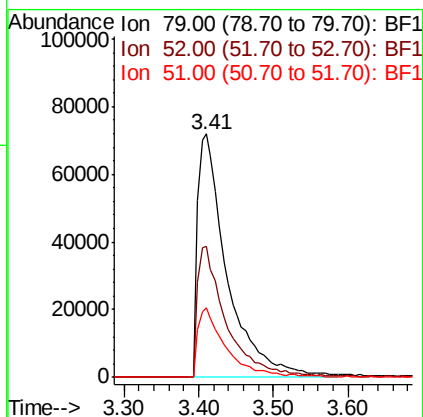
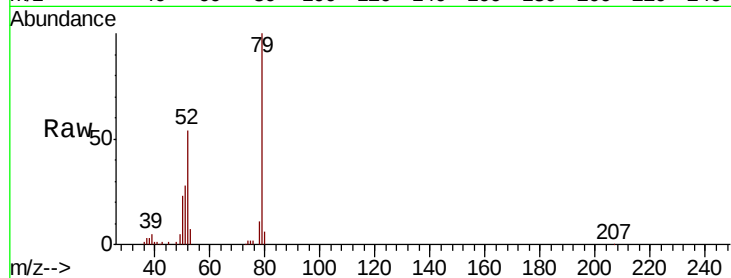
ClientSampleId :

TP-6MS

Tot Ion:	79	Resp:	198427
Ion	Ratio	Lower	Upper
79	100		
52	53.8	47.4	71.0
51	28.4	24.1	36.1

Manual Integrations
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#4

n-Nitrosodimethylamine

Concen: 34.729 ng

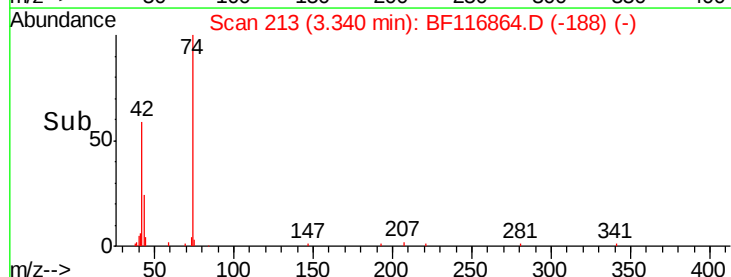
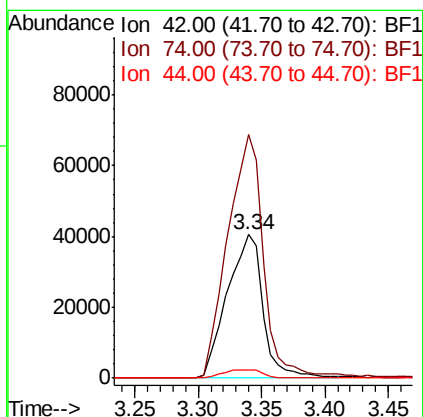
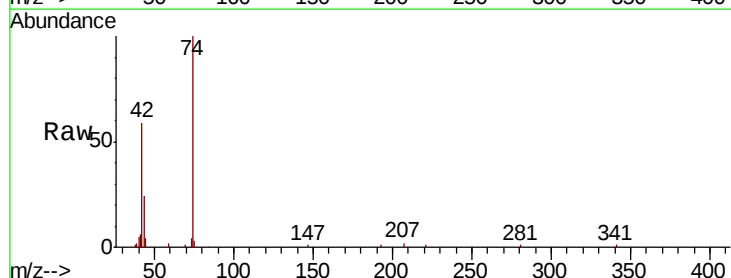
RT: 3.34 min Scan# 213

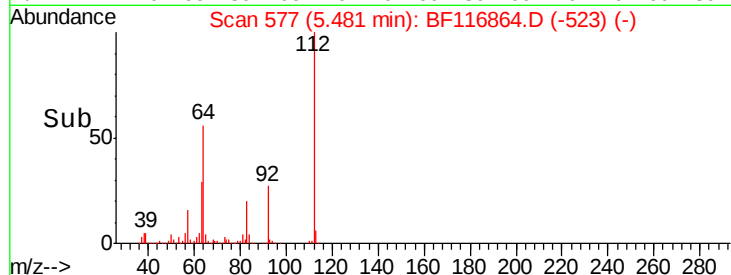
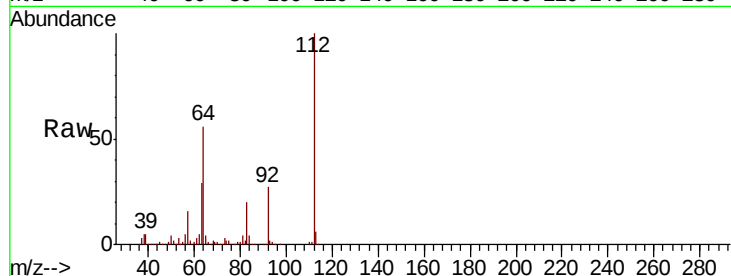
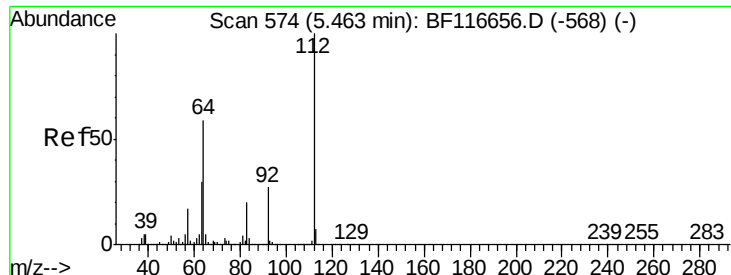
Delta R.T. 0.05 min

Lab File: BF116864.D

Acq: 6 Sep 2019 16:20

Tgt Ion:	42	Resp:	79070
Ion	Ratio	Lower	Upper
42	100		
74	170.0	115.6	173.4
44	6.1	4.6	7.0





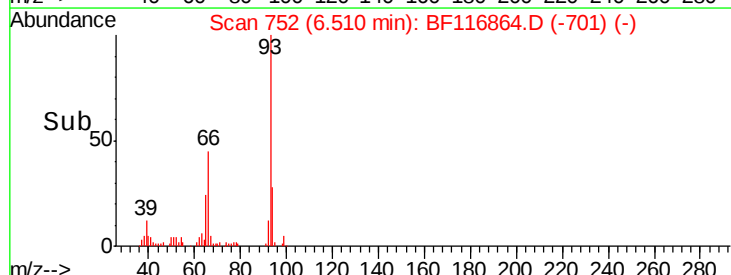
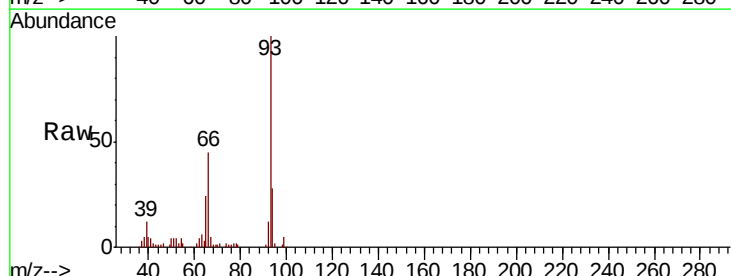
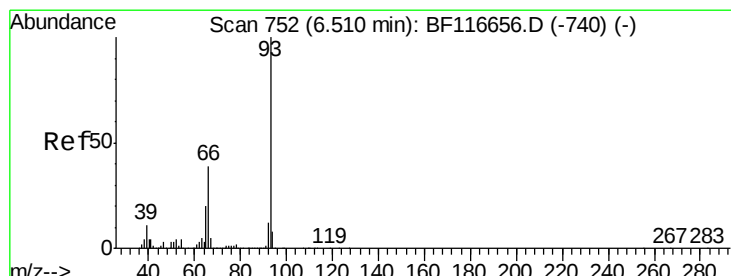
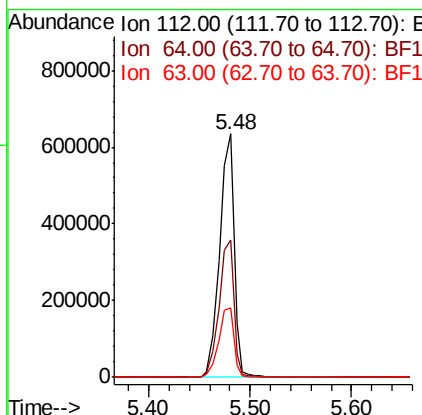
#5
2-Fluorophenol
Concen: 128.031 ng
RT: 5.48 min Scan# 577
Delta R.T. 0.02 min
Lab File: BF116864.D
Acq: 6 Sep 2019 16:20

Tot Ion	Ratio	Resp	Lower	Upper
112	100	635116		
64	56.4	47.1	70.7	
63	28.8	24.9	37.3	

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BNA_F
ClientSampleId :
TP-6MS

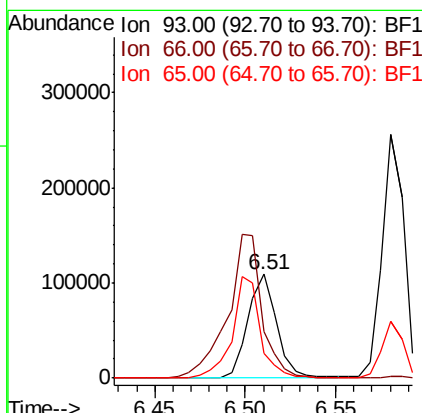
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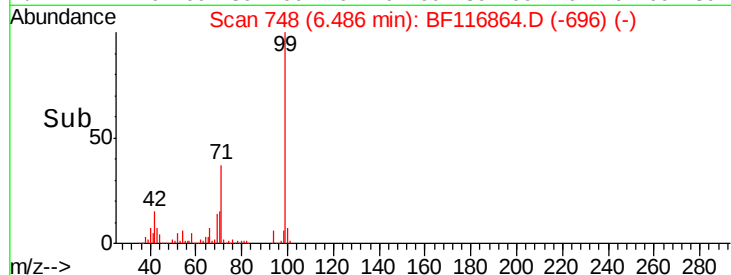
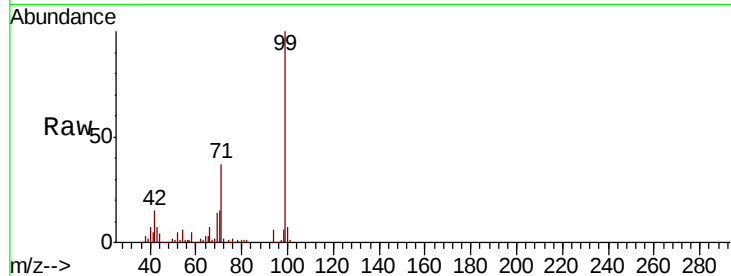
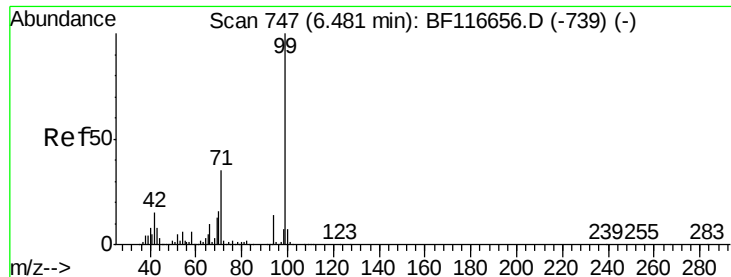
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#6
Aniline
Concen: 13.330 ng
RT: 6.51 min Scan# 752
Delta R.T. 0.00 min
Lab File: BF116864.D
Acq: 6 Sep 2019 16:20

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	120263		
66	44.7	32.7	49.1	
65	23.8	16.3	24.5	





#7

Phenol-d6

Concen: 130.220 ng

RT: 6.49 min Scan# 748

Delta R.T. 0.01 min

Lab File: BF116864.D

Acq: 6 Sep 2019 16:20

Tot Ion:	99	Resp:	848237
Ion Ratio	Lower	Upper	
99	100		
42	15.2	13.7	20.5
71	37.1	30.8	46.2

Instrument :

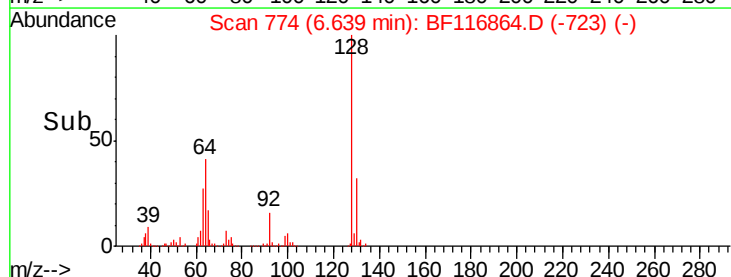
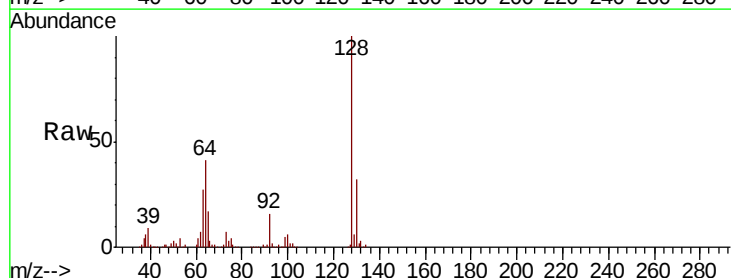
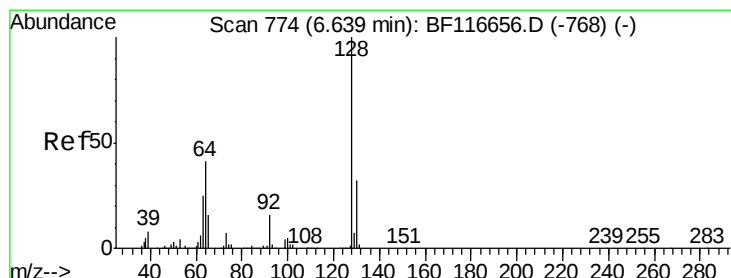
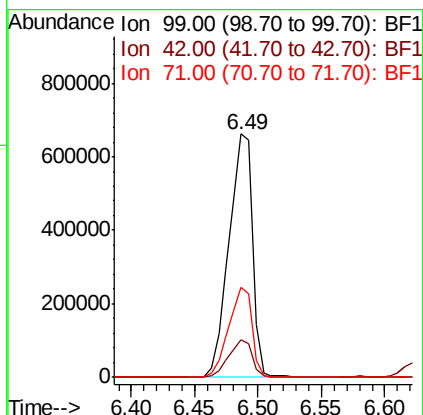
BNA_F

ClientSampleId :

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#8

2-Chlorophenol

Concen: 42.283 ng

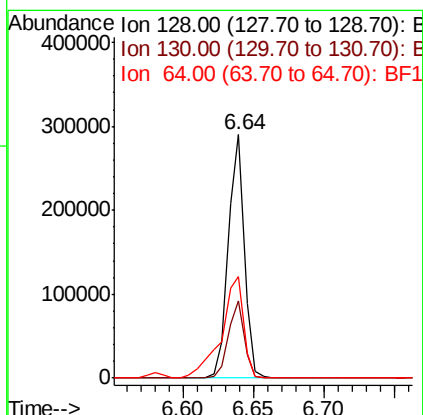
RT: 6.64 min Scan# 774

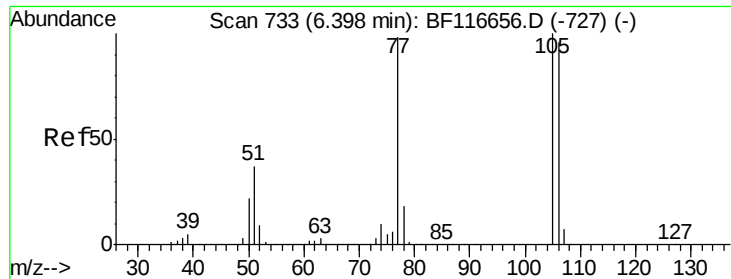
Delta R.T. 0.00 min

Lab File: BF116864.D

Acq: 6 Sep 2019 16:20

Tgt Ion:	128	Resp:	228970
Ion Ratio	Lower	Upper	
128	100		
130	31.7	12.3	52.3
64	41.5	22.5	62.5





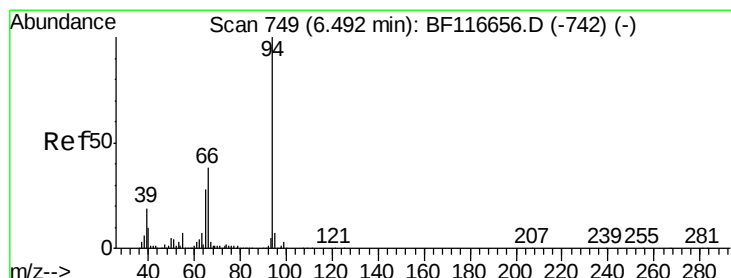
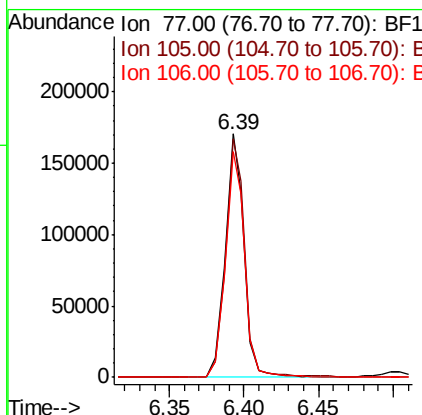
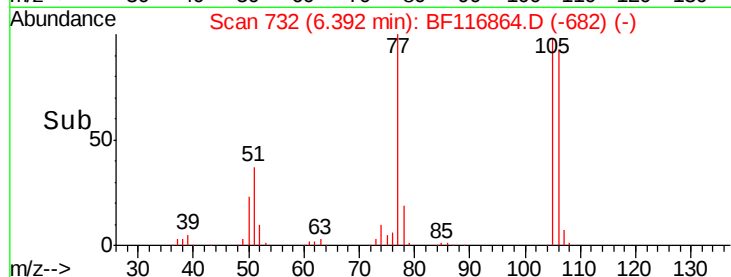
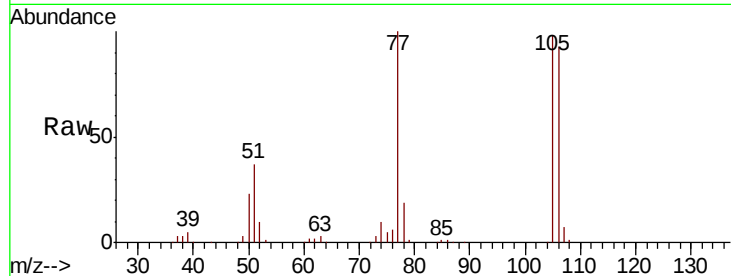
#9
Benzaldehyde
Concen: 35.409 ng
RT: 6.39 min Scan# 732
Delta R.T. -0.01 min
Lab File: BF116864.D
Acq: 6 Sep 2019 16:20

Instrument :
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ClientSampleId :
TP-6MS

Tot Ion	Ratio	Lower	Upper
77	100		
105	98.2	76.7	116.7
106	92.7	73.1	113.1

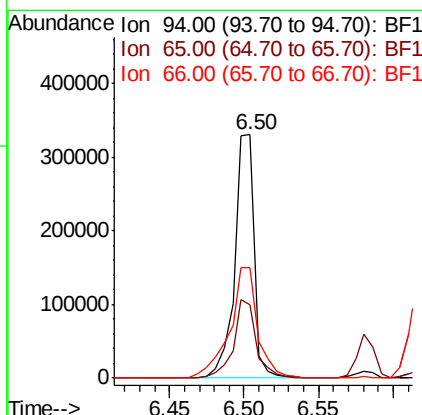
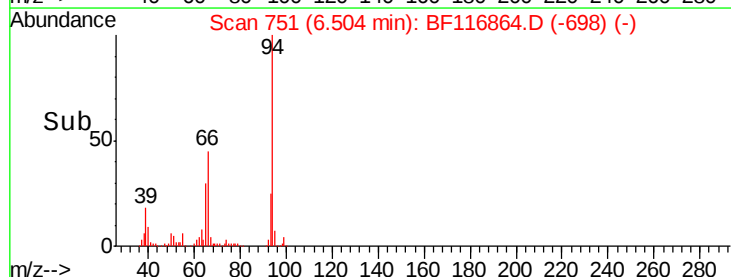
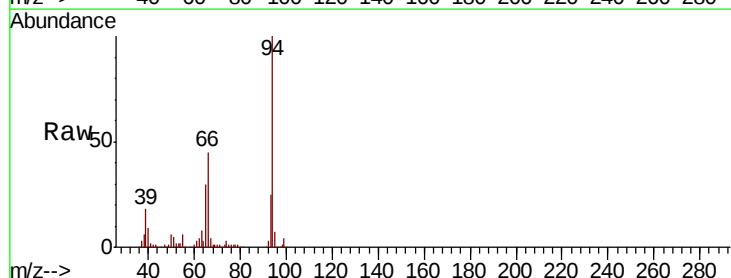
Manual Integrations
APPROVED

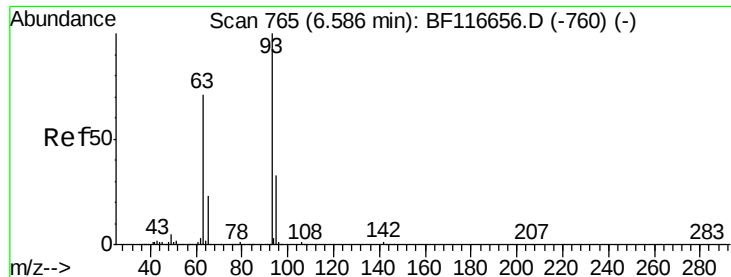
mohammad
9/12/2019 9:23:40 AM



#10
Phenol
Concen: 42.528 ng
RT: 6.50 min Scan# 751
Delta R.T. 0.01 min
Lab File: BF116864.D
Acq: 6 Sep 2019 16:20

Tgt Ion	Ratio	Lower	Upper
94	100		
65	30.2	10.8	50.8
66	45.2	21.1	61.1





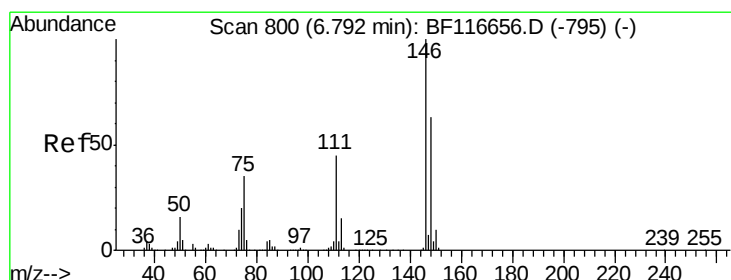
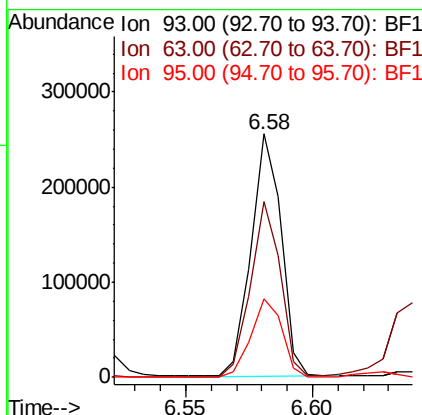
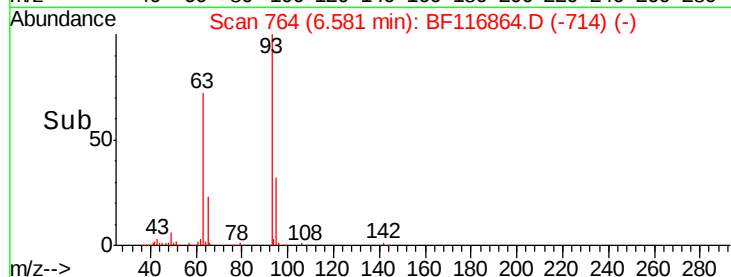
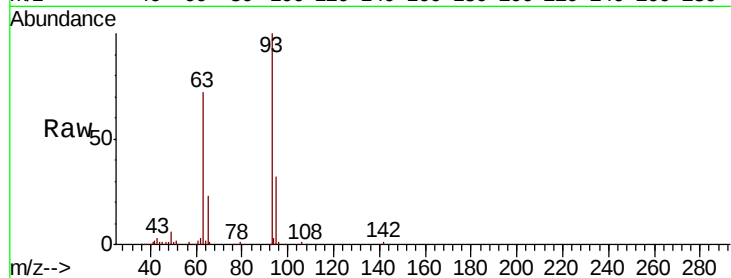
#11
bis(2-Chloroethyl)ether
Concen: 37.861 ng
RT: 6.58 min Scan# 764
Delta R.T. -0.01 min
Lab File: BF116864.D
Acq: 6 Sep 2019 16:20

Instrument :
BNA_F
ClientSampleId :
TP-6MS

Tot Ion	Ratio	Lower	Upper
93	100		
63	72.1	49.9	89.9
95	32.3	12.7	52.7

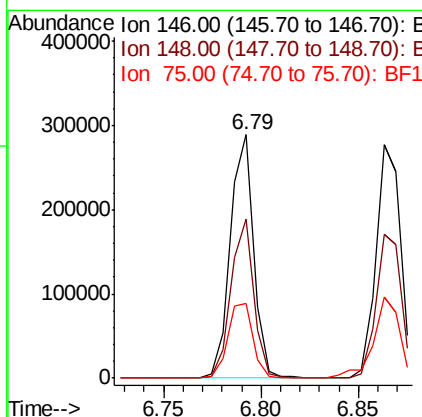
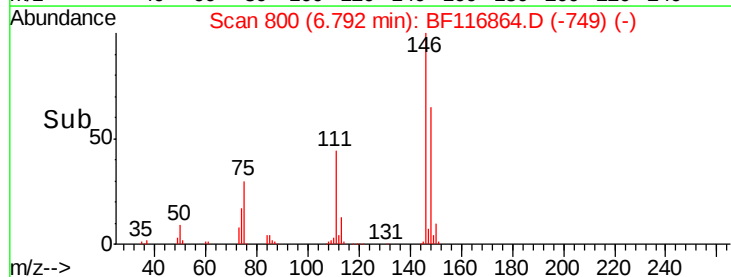
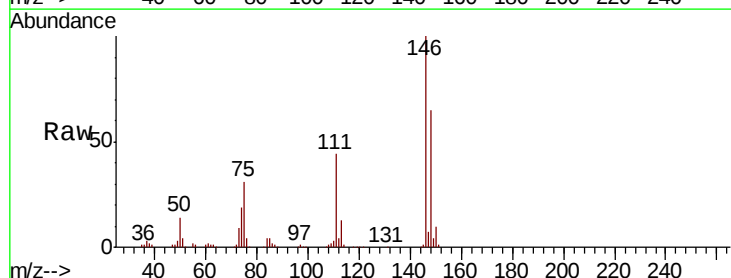
Manual Integrations
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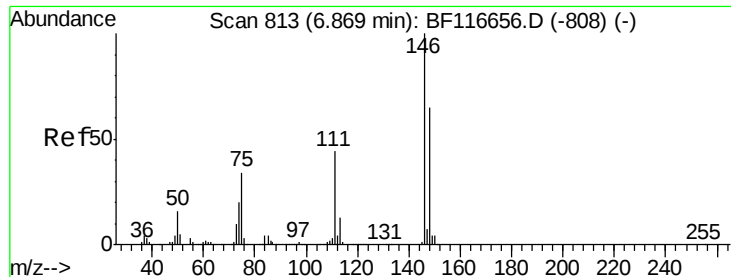
mohammad
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#12
1,3-Dichlorobenzene
Concen: 39.158 ng
RT: 6.79 min Scan# 800
Delta R.T. 0.00 min
Lab File: BF116864.D
Acq: 6 Sep 2019 16:20

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.3	51.4	77.0
75	30.7	29.6	44.4





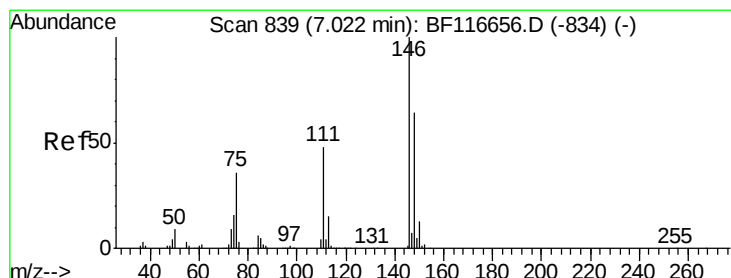
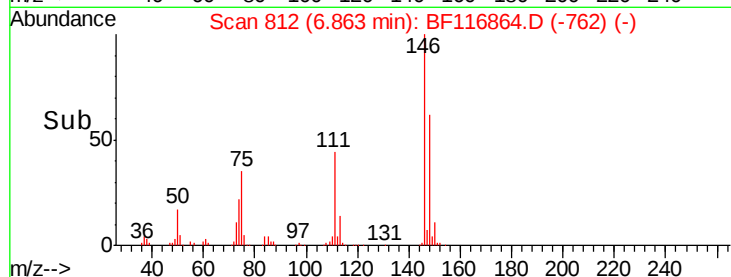
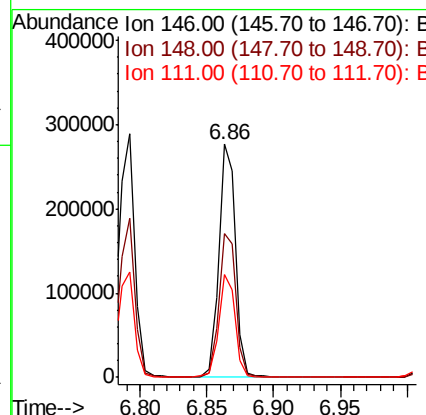
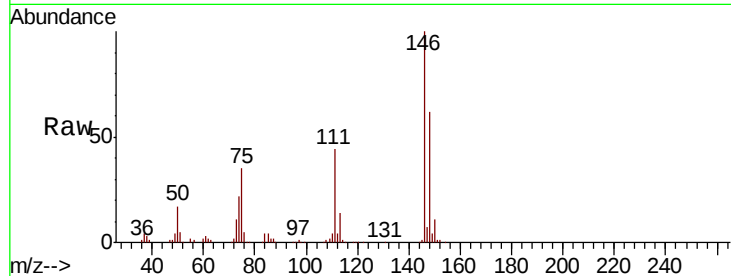
#13
 1,4-Dichlorobenzene
 Concen: 40.010 ng
 RT: 6.86 min Scan# 812
 Delta R.T. -0.01 min
 Lab File: BF116864.D
 Acq: 6 Sep 2019 16:20

Instrument :
 BNA_F
 ClientSampleId :
 TP-6MS

Tot Ion	Ratio	Lower	Upper
146	100		
148	61.9	51.4	77.2
111	43.9	34.8	52.2

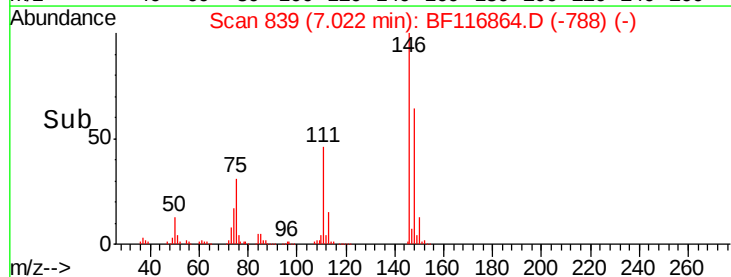
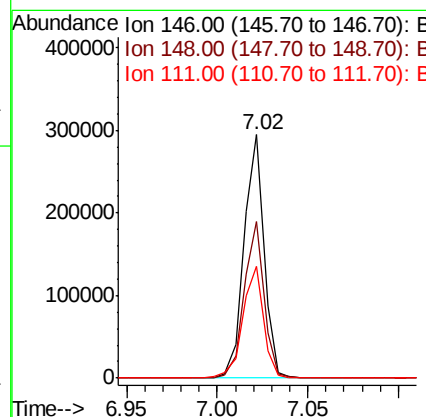
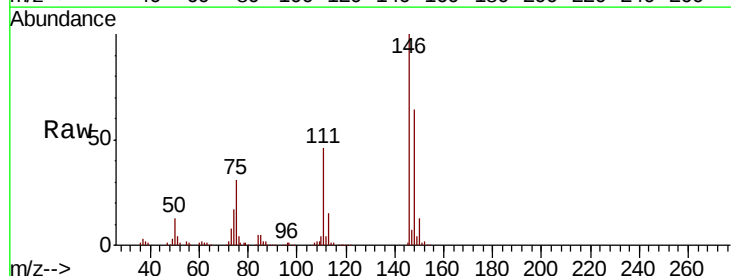
Manual Integrations
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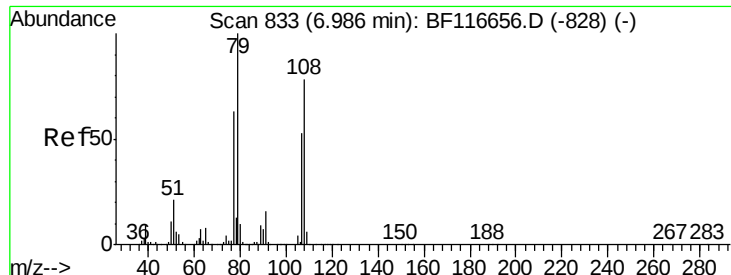
mohammad
 9/12/2019 9:23:40 AM



#14
 1,2-Dichlorobenzene
 Concen: 40.148 ng
 RT: 7.02 min Scan# 839
 Delta R.T. 0.00 min
 Lab File: BF116864.D
 Acq: 6 Sep 2019 16:20

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.3	52.6	78.8
111	45.9	34.2	51.4





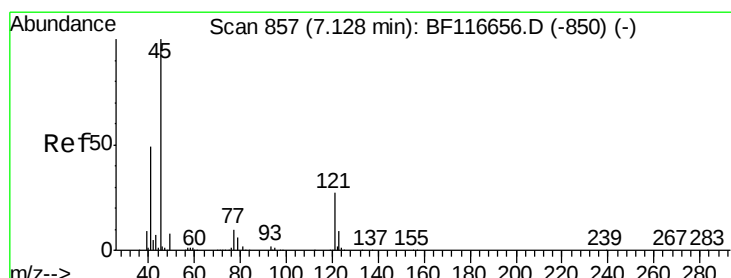
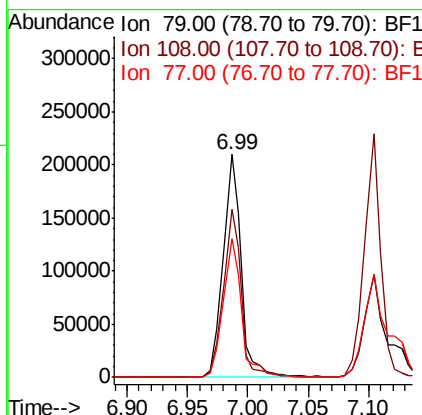
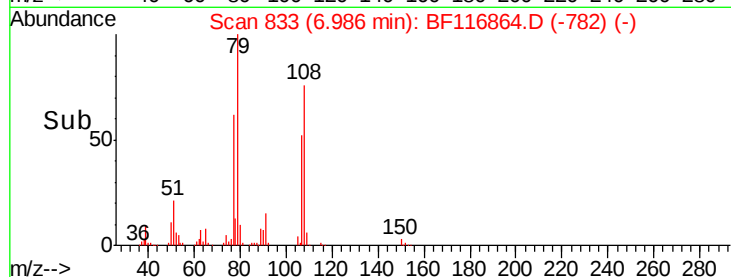
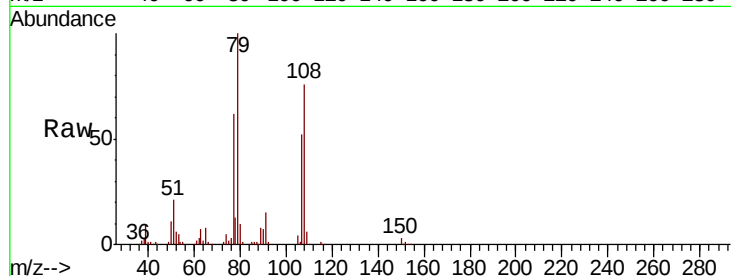
#15
Benzyl Alcohol
Concen: 41.153 ng
RT: 6.99 min Scan# 833
Delta R.T. 0.00 min
Lab File: BF116864.D
Acq: 6 Sep 2019 16:20

Instrument :
BNA_F
ClientSampleId :
TP-6MS

Tot Ion	Ratio	Lower	Upper
79	100		
108	75.7	59.2	88.8
77	62.4	53.0	79.4

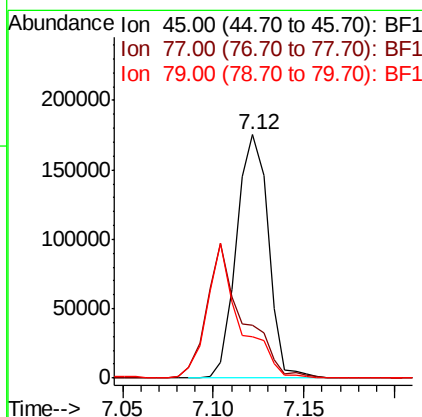
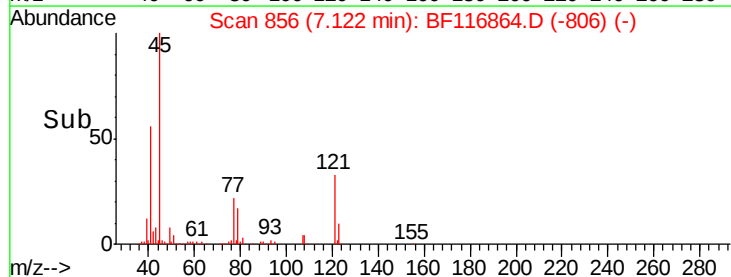
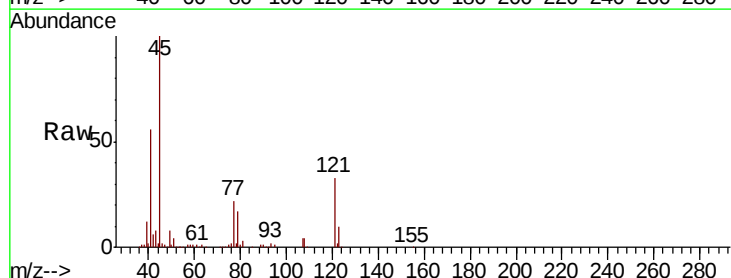
Manual Integrations
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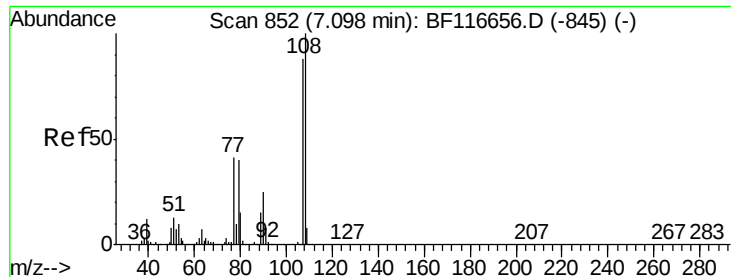
mohammad
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 32.494 ng
RT: 7.12 min Scan# 856
Delta R.T. -0.01 min
Lab File: BF116864.D
Acq: 6 Sep 2019 16:20

Tgt Ion	Ratio	Lower	Upper
45	100		
77	21.9	0.0	38.2
79	17.1	0.0	33.9





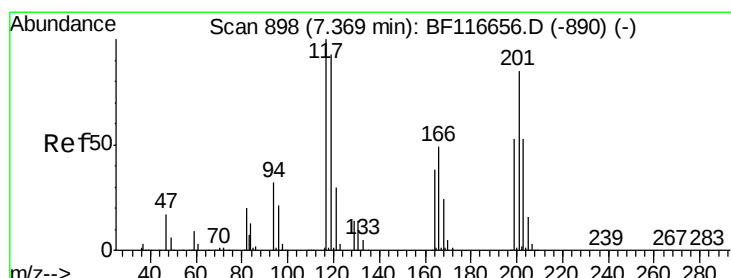
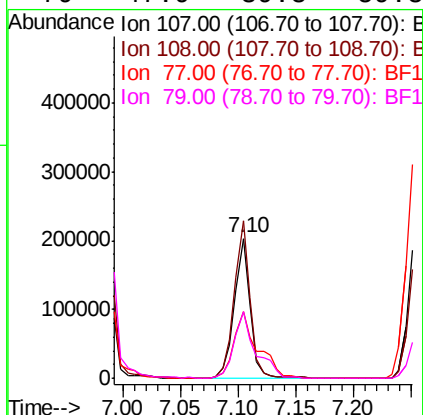
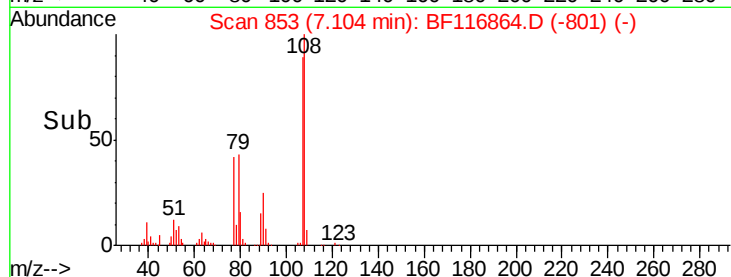
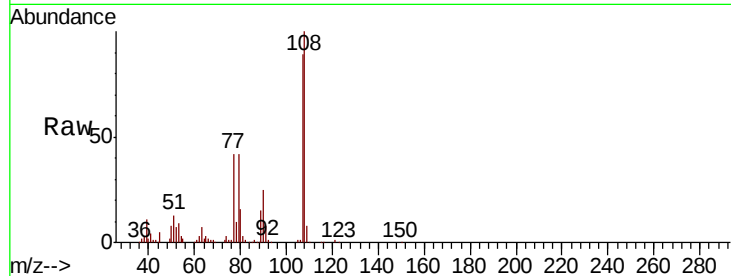
#17
2-Methylphenol
Concen: 40.652 ng
RT: 7.10 min Scan# 853
Delta R.T. 0.01 min
Lab File: BF116864.D
Acq: 6 Sep 2019 16:20

Instrument :
BNA_F
ClientSampled :
TP-6MS

Tot Ion	Ratio	Resp	Lower	Upper
107	100	192712		
108	112.8	88.3	132.5	
77	47.8	39.9	59.9	
79	47.9	39.8	59.8	

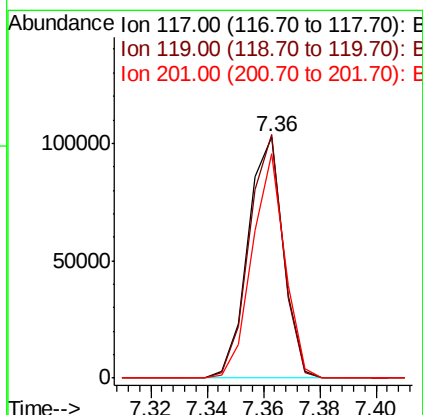
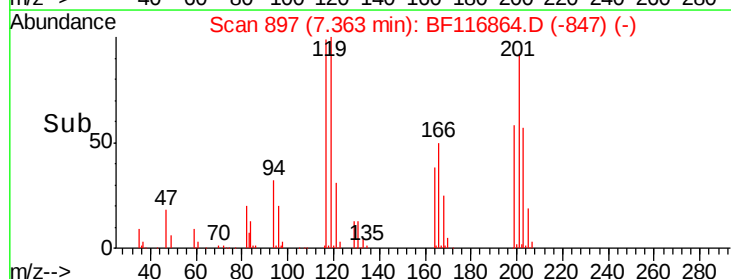
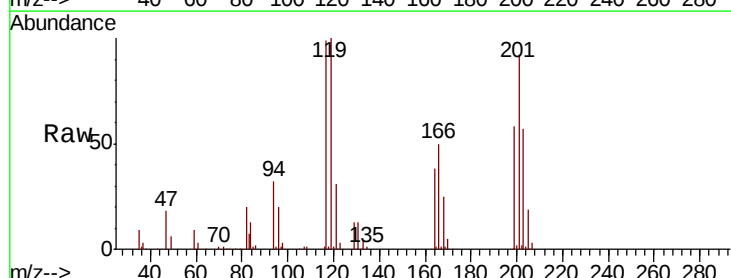
Manual Integrations
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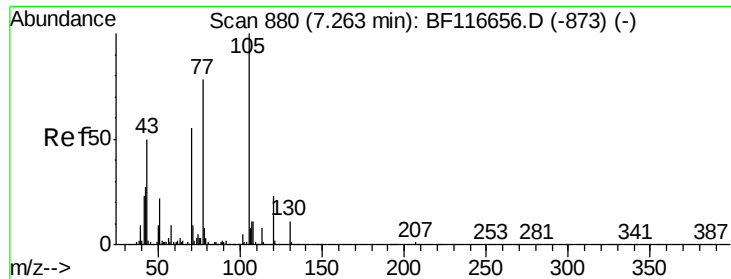
mohammad
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#18
Hexachloroethane
Concen: 37.624 ng
RT: 7.36 min Scan# 897
Delta R.T. -0.01 min
Lab File: BF116864.D
Acq: 6 Sep 2019 16:20

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	89069		
119	100.8	76.9	115.3	
201	92.7	79.4	119.0	





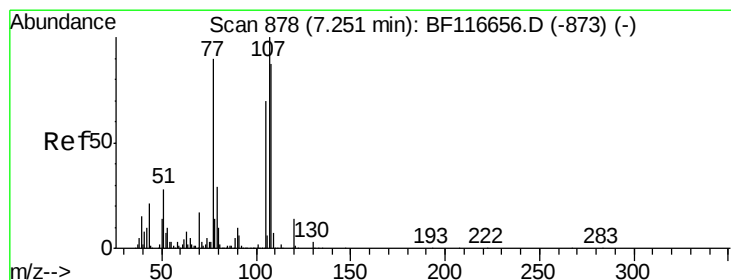
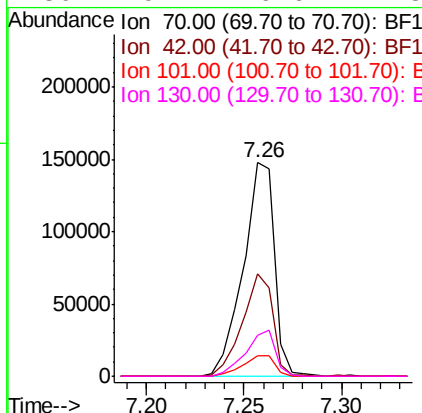
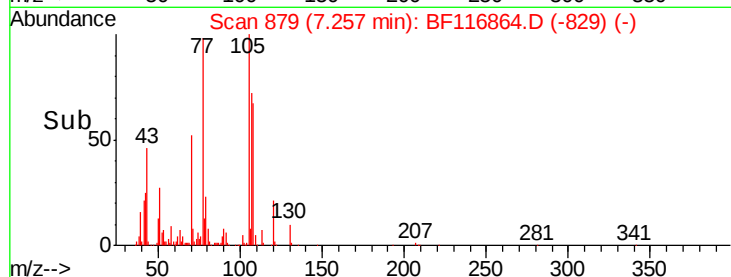
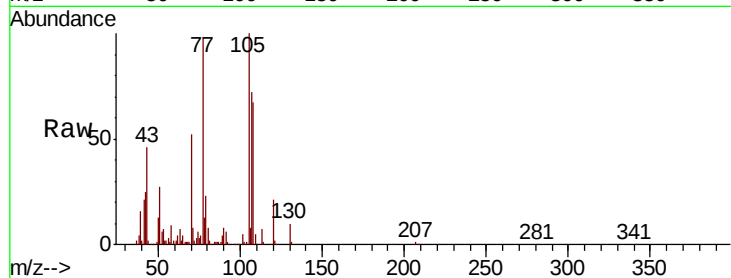
#19
n-Nitroso-di-n-propylamine
Concen: 38.349 ng
RT: 7.26 min Scan# 879
Delta R.T. -0.01 min
Lab File: BF116864.D
Acq: 6 Sep 2019 16:20

Instrument :
BNA_F
ClientSampleId :
TP-6MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
70	100		164476		
42	47.8	43.5	65.3		
101	9.4	7.8	11.6		
130	19.2	16.6	24.8		

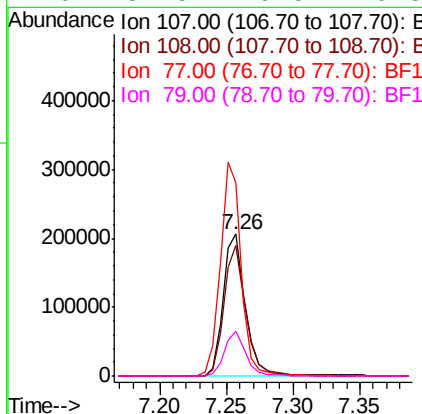
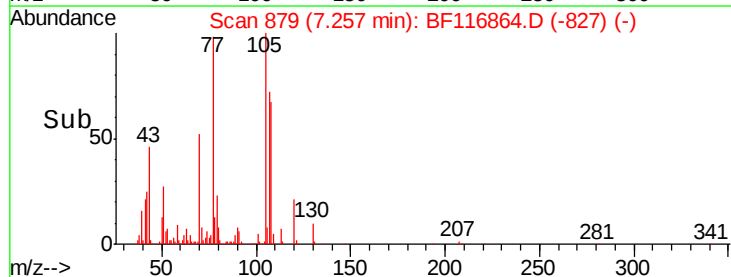
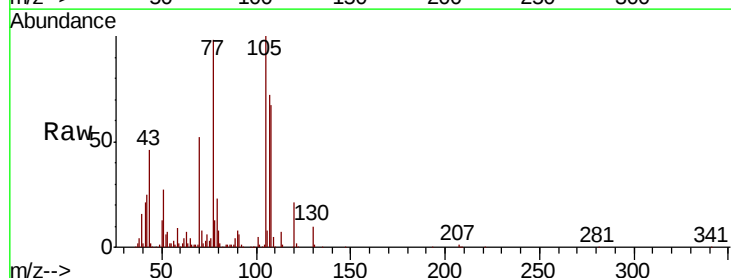
Manual Integrations
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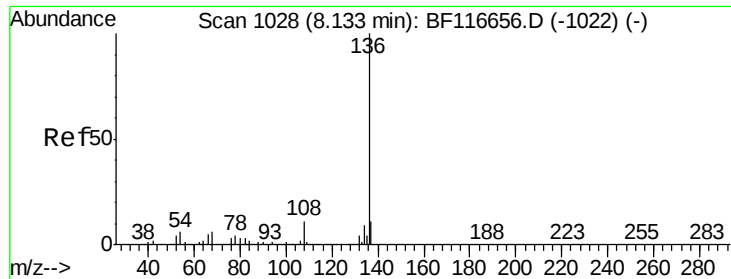
mohammad
9/12/2019 9:23:40 AM



#20
3+4-Methylphenols
Concen: 44.096 ng
RT: 7.26 min Scan# 879
Delta R.T. 0.01 min
Lab File: BF116864.D
Acq: 6 Sep 2019 16:20

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100		243047		
108	92.5	65.5	105.5		
77	136.2	69.4	109.4#		
79	31.5	9.5	49.5		





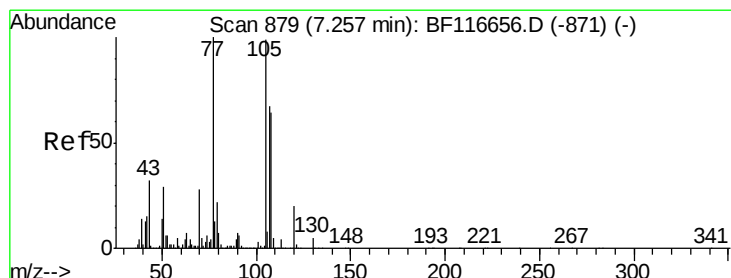
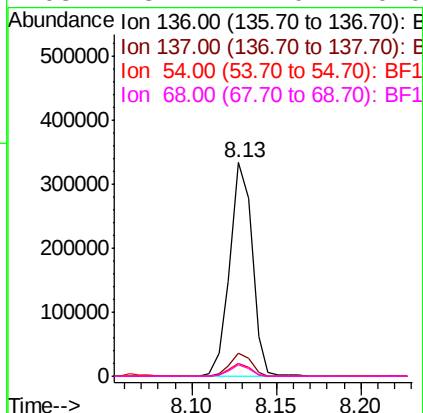
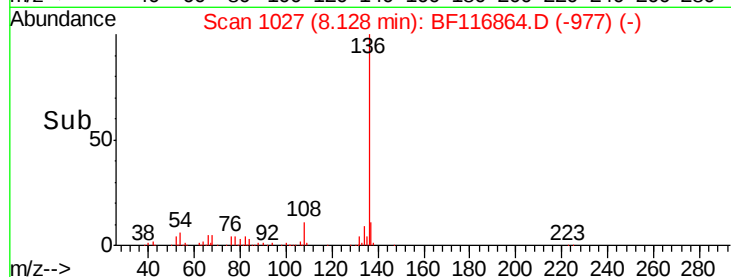
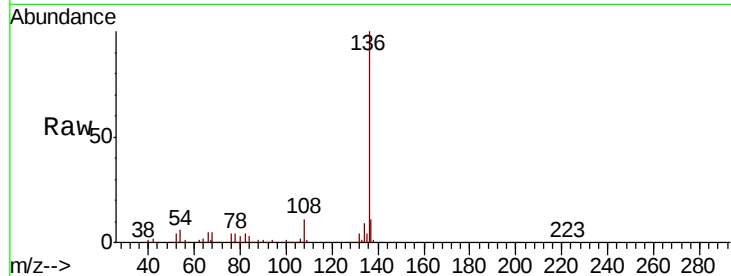
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.13 min Scan# 1027
Delta R.T. -0.01 min
Lab File: BF116864.D
Acq: 6 Sep 2019 16:20

Instrument :
BNA_F
ClientSampleId :
TP-6MS

Tot Ion	Ratio	Resp	Lower	Upper
136	100	310252		
137	10.7		8.9	13.3
54	5.8		4.8	7.2
68	5.1		4.0	6.0

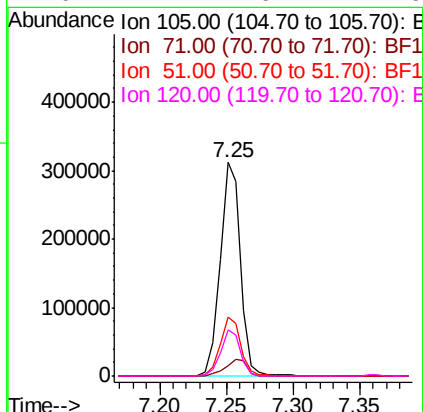
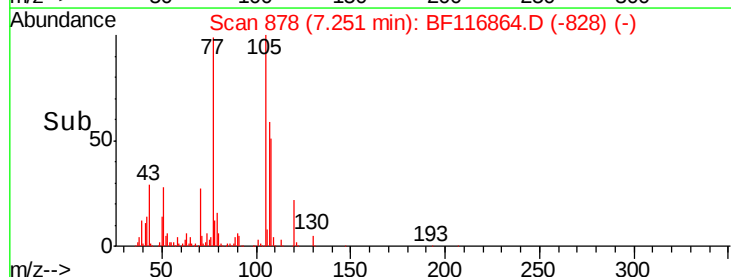
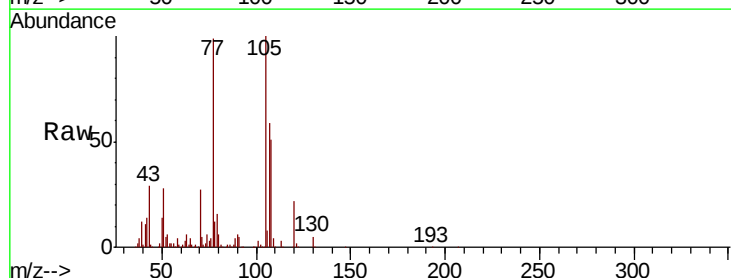
Manual Integrations
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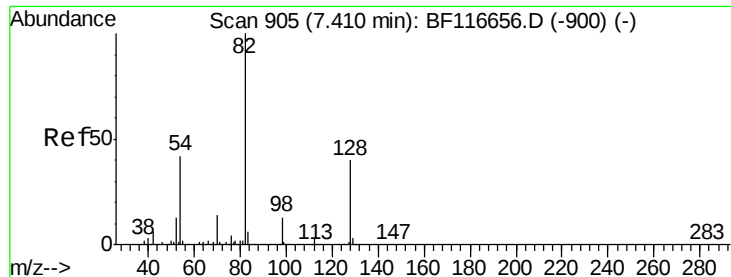
mohammad
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#22
Acetophenone
Concen: 44.722 ng
RT: 7.25 min Scan# 878
Delta R.T. -0.01 min
Lab File: BF116864.D
Acq: 6 Sep 2019 16:20

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	334046		
71	4.6		4.2	6.4
51	27.6		25.8	38.8
120	21.7		16.4	24.6





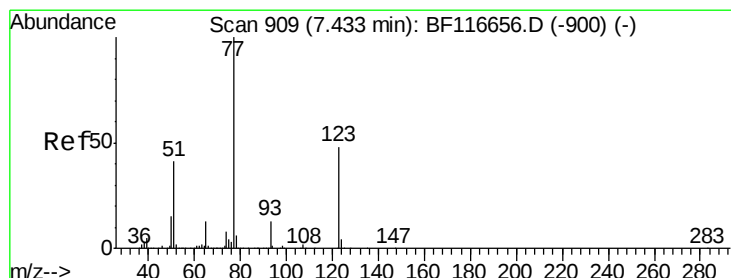
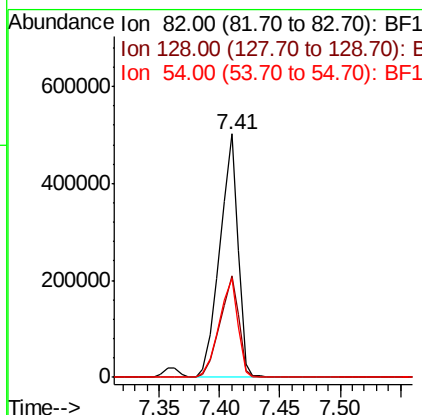
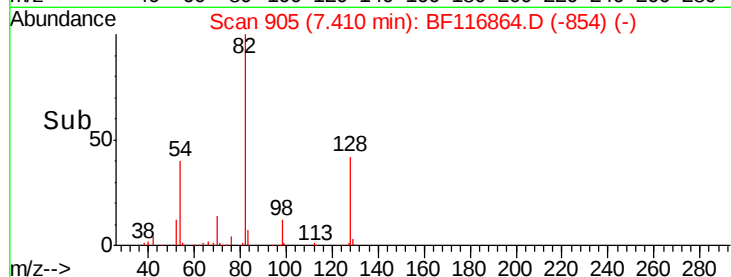
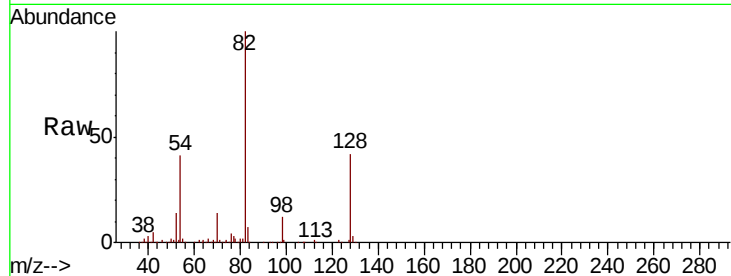
#23
 Nitrobenzene-d5
 Concen: 96.015 ng
 RT: 7.41 min Scan# 905
 Delta R.T. 0.00 min
 Lab File: BF116864.D
 Acq: 6 Sep 2019 16:20

Instrument :
 BNA_F
 ClientSampleId :
 TP-6MS

Tot Ion:	82	Resp:	521809
Ion Ratio	Lower	Upper	
82	100		
128	41.8	32.8	49.2
54	40.9	36.9	55.3

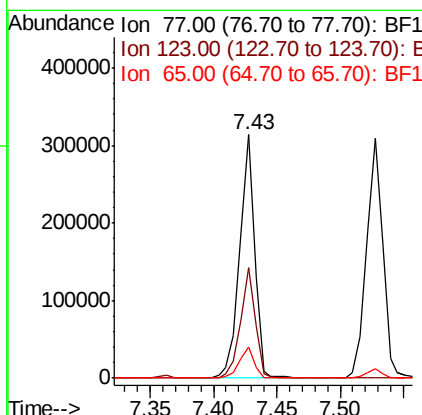
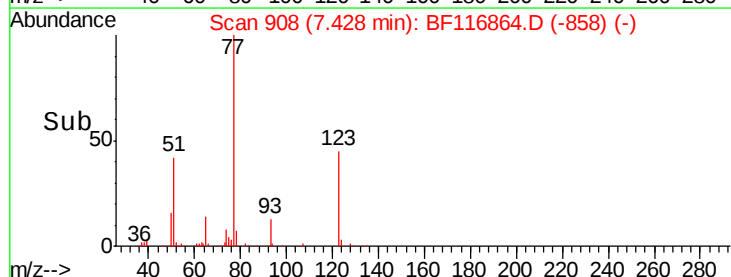
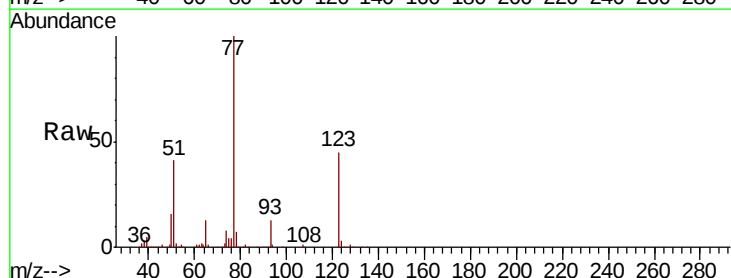
Manual Integrations
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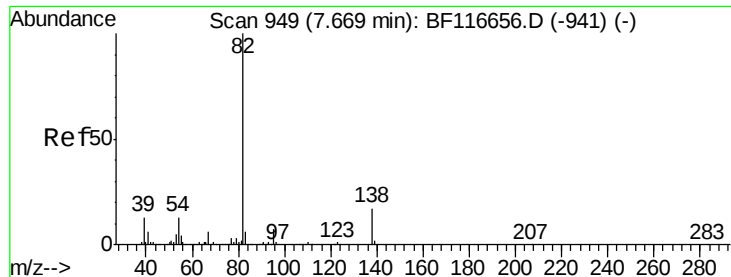
mohammad
 9/12/2019 9:23:40 AM



#24
 Nitrobenzene
 Concen: 46.175 ng
 RT: 7.43 min Scan# 908
 Delta R.T. -0.01 min
 Lab File: BF116864.D
 Acq: 6 Sep 2019 16:20

Tgt Ion:	77	Resp:	255222
Ion Ratio	Lower	Upper	
77	100		
123	45.5	33.1	49.7
65	12.9	10.6	15.8





#25

Isophorone

Concen: 41.494 ng

RT: 7.67 min Scan# 949

Delta R.T. 0.00 min

Lab File: BF116864.D

Acq: 6 Sep 2019 16:20

Instrument :

BNA_F

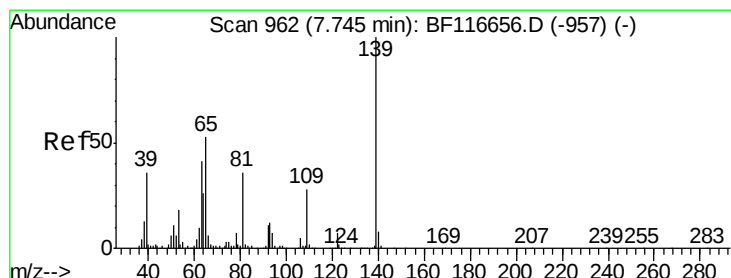
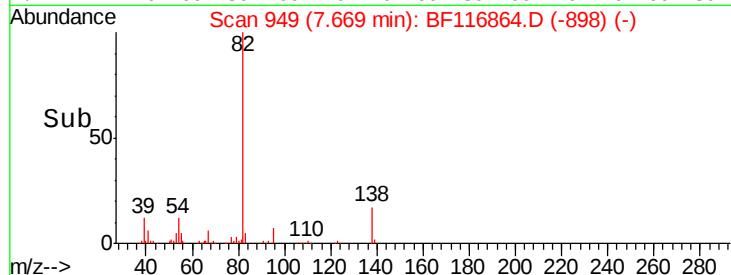
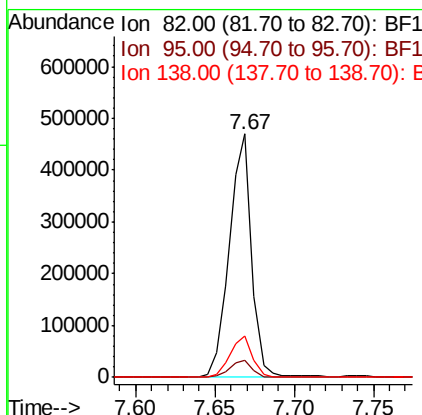
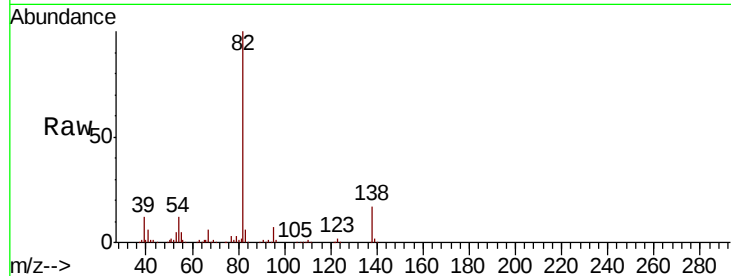
ClientSampleId :

TP-6MS

Tot Ion:	82	Resp:	456954
Ion Ratio		Lower	Upper
82	100		
95	7.1	5.8	8.6
138	17.1	13.5	20.3

Manual Integrations
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#26

2-Nitrophenol

Concen: 52.549 ng

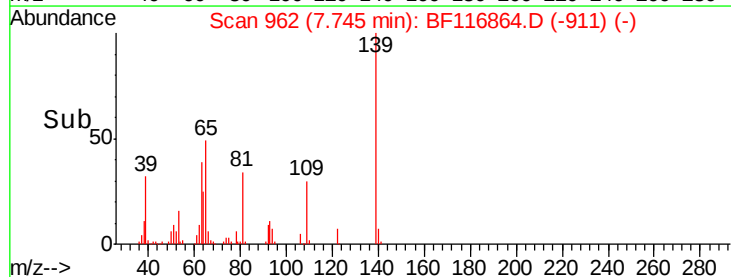
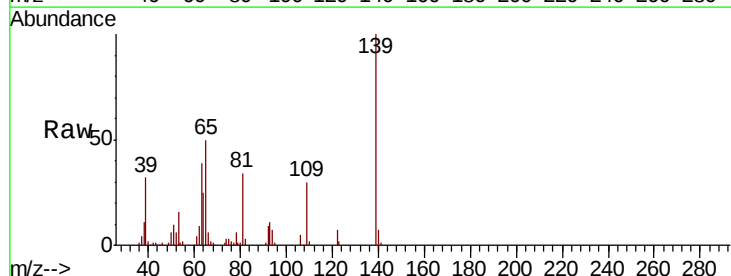
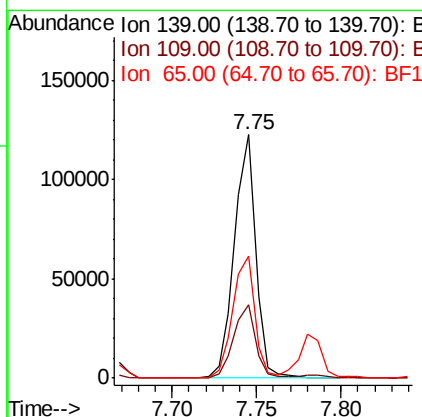
RT: 7.75 min Scan# 962

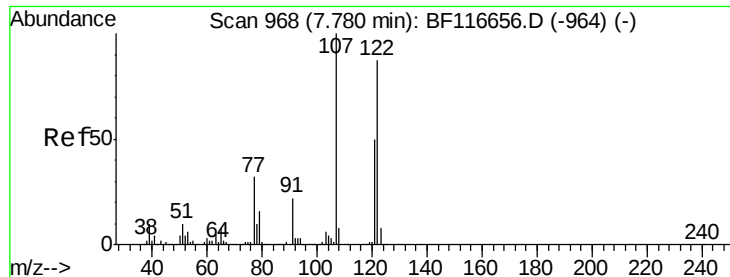
Delta R.T. 0.00 min

Lab File: BF116864.D

Acq: 6 Sep 2019 16:20

Tgt Ion:	139	Resp:	107985
Ion Ratio		Lower	Upper
139	100		
109	30.3	27.1	40.7
65	49.9	43.0	64.6





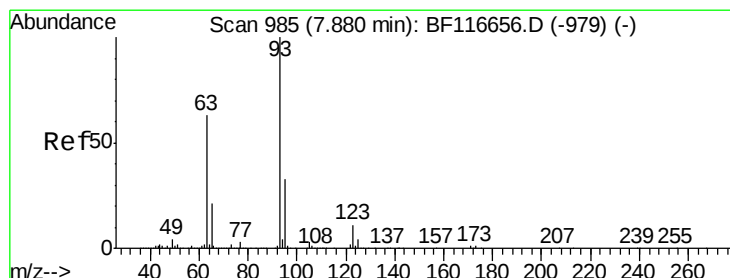
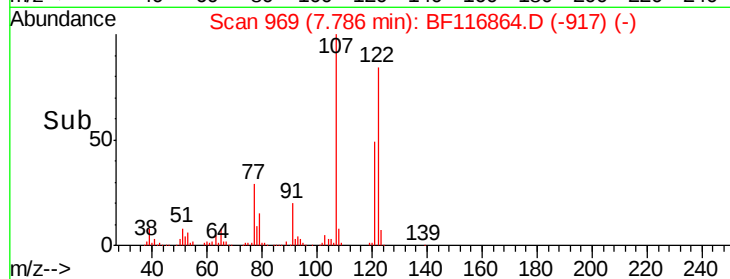
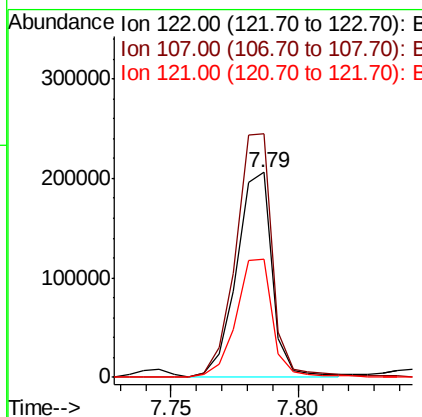
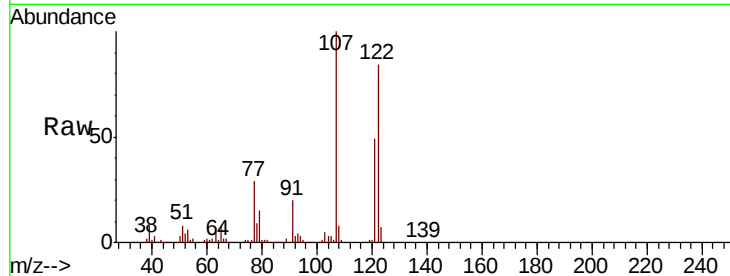
#27
2,4-Dimethylphenol
Concen: 48.319 ng
RT: 7.79 min Scan# 969
Delta R.T. 0.01 min
Lab File: BF116864.D
Acq: 6 Sep 2019 16:20

Instrument :
BNA_F
ClientSampleId :
TP-6MS

Tot Ion	Ratio	Resp	Lower	Upper
122	100	200533		
107	118.8		98.1	147.1
121	57.9		47.3	70.9

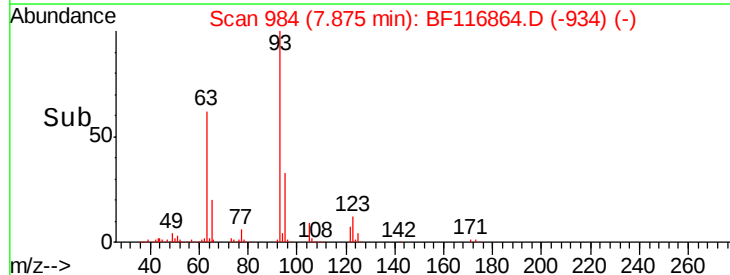
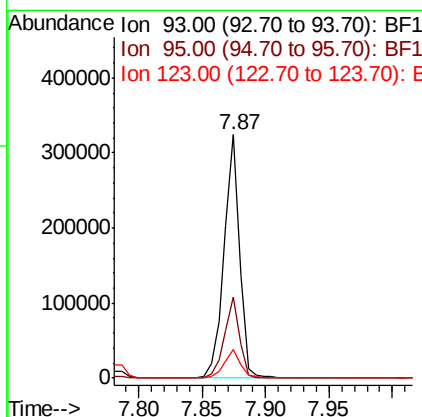
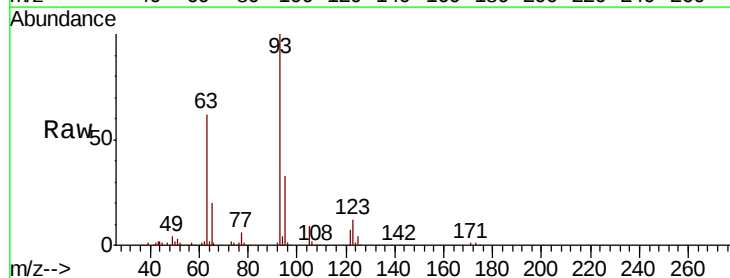
Manual Integrations
APPROVED

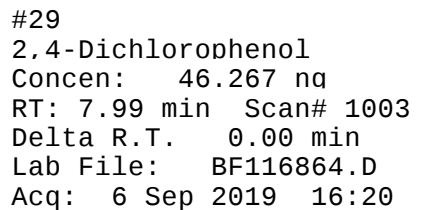
mohammad
9/12/2019 9:23:40 AM



#28
bis(2-Chloroethoxy)methane
Concen: 41.191 ng
RT: 7.87 min Scan# 984
Delta R.T. -0.01 min
Lab File: BF116864.D
Acq: 6 Sep 2019 16:20

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	277205		
95	33.2		26.4	39.6
123	11.7		9.8	14.8



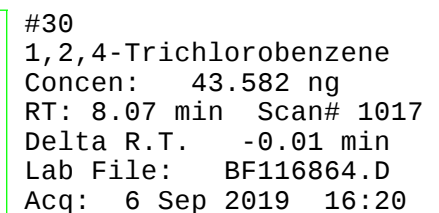
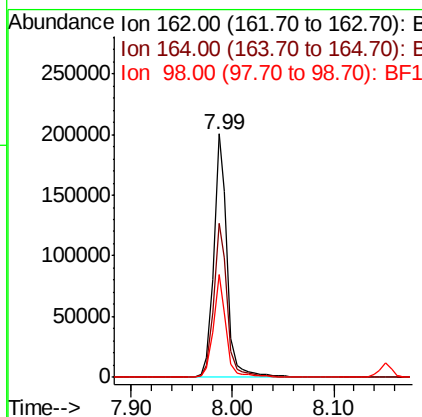


Instrument :
BNA_F
ClientSampleId :
TP-6MS

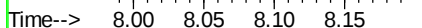
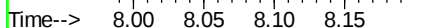
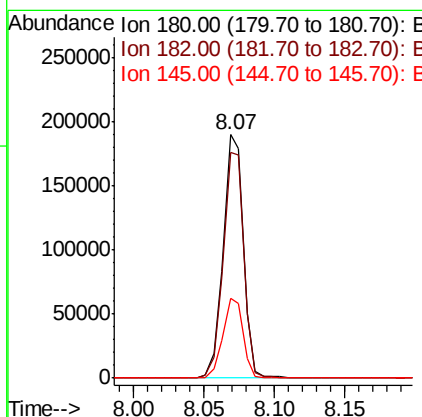
Manual Integrations
APPROVED

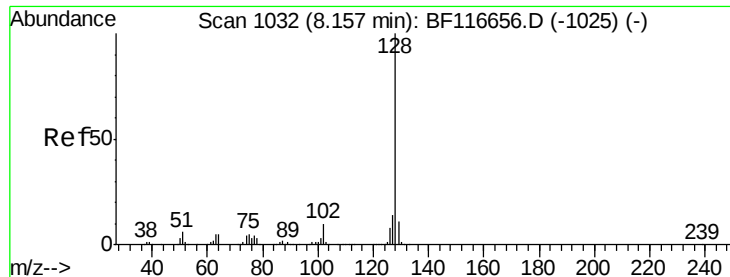
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Tqt	Ion:162	Resp:	184532
Ion	Ratio	Lower	Upper
162	100		
164	63.2	43.4	83.4
98	42.1	18.1	58.1



Tgt	Ion:180	Resp:	188534
Ion	Ratio	Lower	Upper
180	100		
182	92.8	78.6	118.0
145	32.9	25.7	38.5





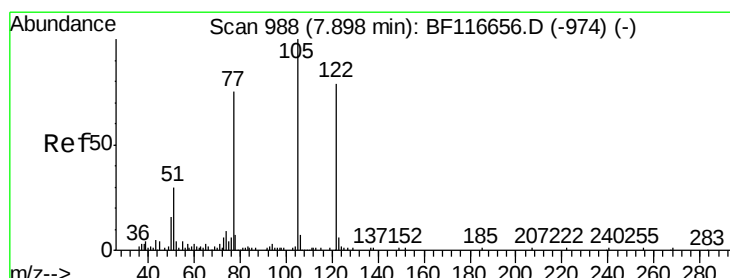
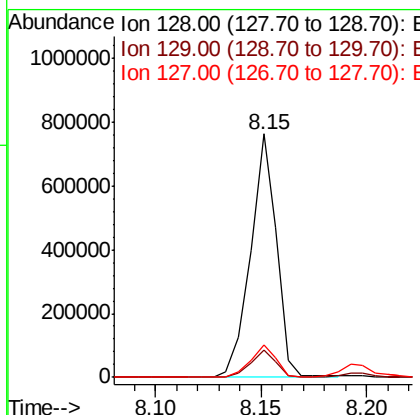
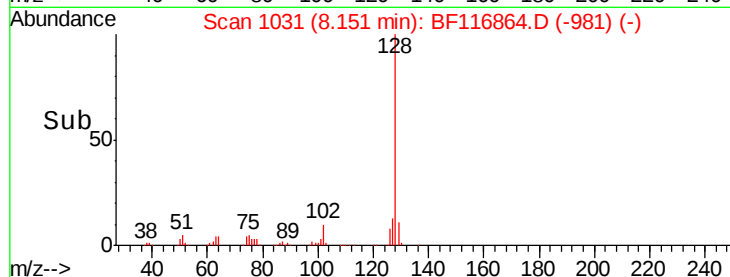
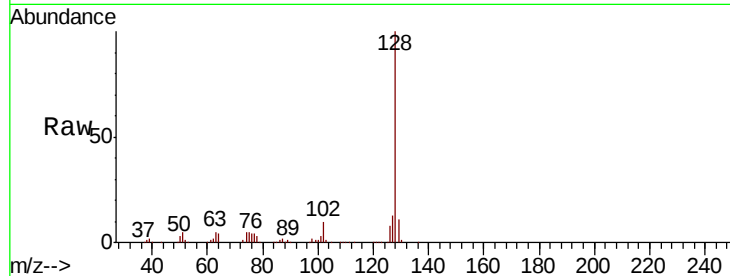
#31
Naphthalene
Concen: 44.289 ng
RT: 8.15 min Scan# 1031
Delta R.T. -0.01 min
Lab File: BF116864.D
Acq: 6 Sep 2019 16:20

Instrument :
BNA_F
ClientSampleId :
TP-6MS

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.5	8.6	13.0
127	13.4	10.4	15.6

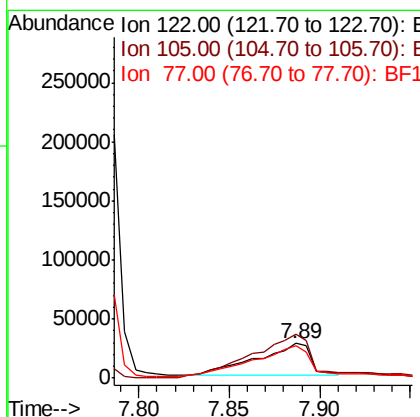
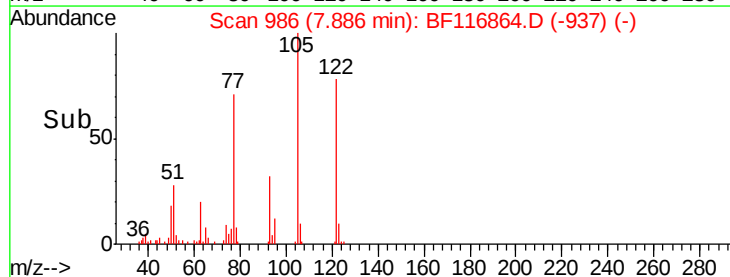
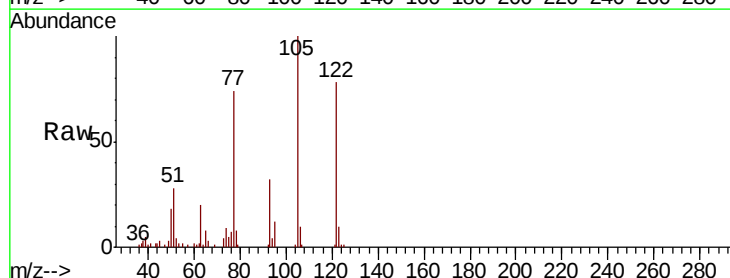
Manual Integrations
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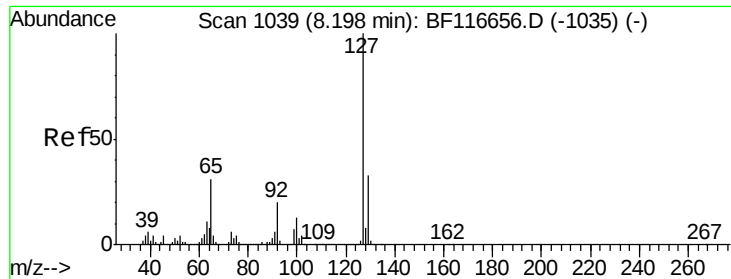
mohammad
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#32
Benzoic acid
Concen: 23.635 ng
RT: 7.89 min Scan# 986
Delta R.T. -0.01 min
Lab File: BF116864.D
Acq: 6 Sep 2019 16:20

Tgt Ion	Ratio	Lower	Upper
122	100		
105	128.8	110.0	150.0
77	94.7	81.7	121.7





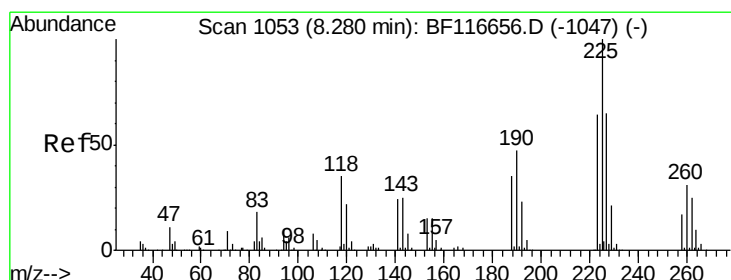
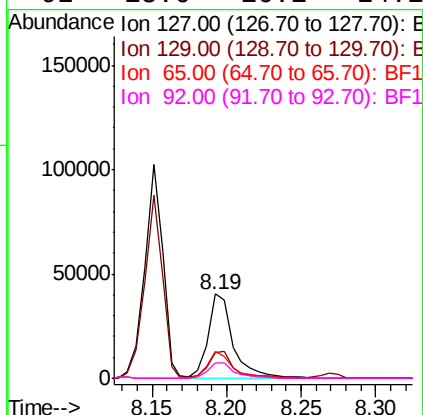
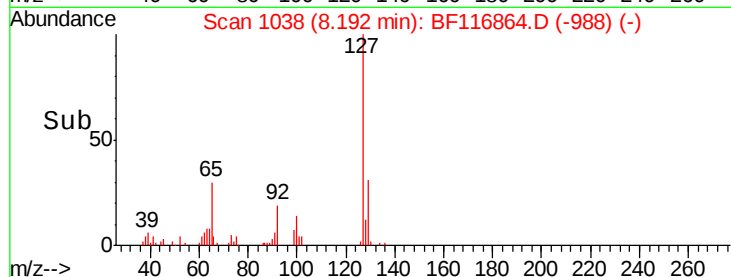
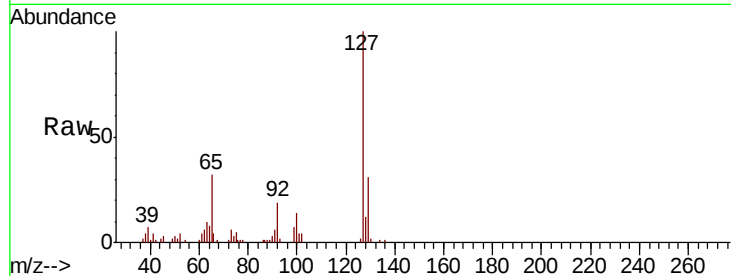
#33
4-Chloroaniline
Concen: 6.995 ng
RT: 8.19 min Scan# 1038
Delta R.T. -0.01 min
Lab File: BF116864.D
Acq: 6 Sep 2019 16:20

Instrument :
BNA_F
ClientSampleId :
TP-6MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100		46974		
129	30.5	26.2	39.2		
65	31.7	26.0	39.0		
92	18.6	16.1	24.1		

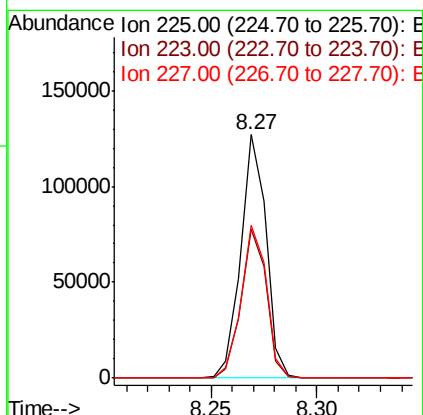
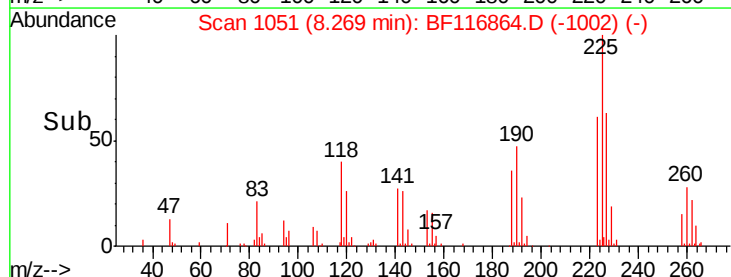
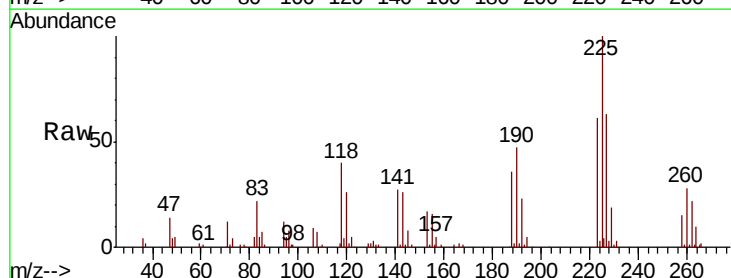
Manual Integrations
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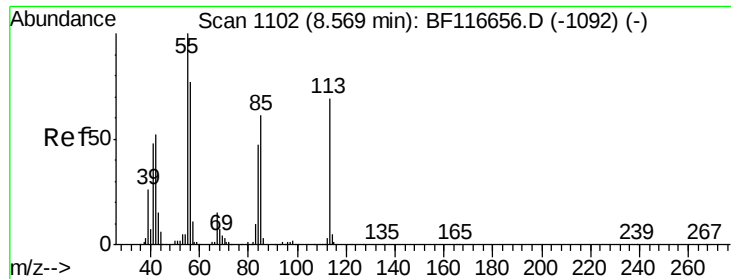
mohammad
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#34
Hexachlorobutadiene
Concen: 44.581 ng
RT: 8.27 min Scan# 1051
Delta R.T. -0.01 min
Lab File: BF116864.D
Acq: 6 Sep 2019 16:20

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100		105155		
223	60.9	49.4	74.2		
227	62.6	51.0	76.4		





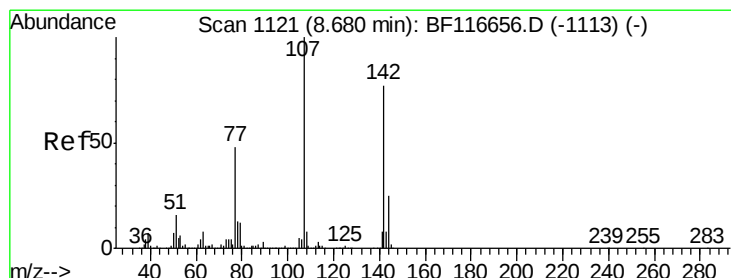
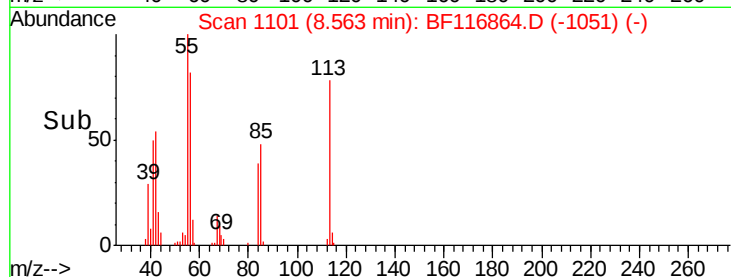
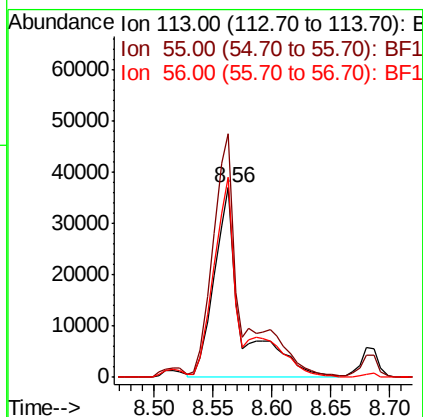
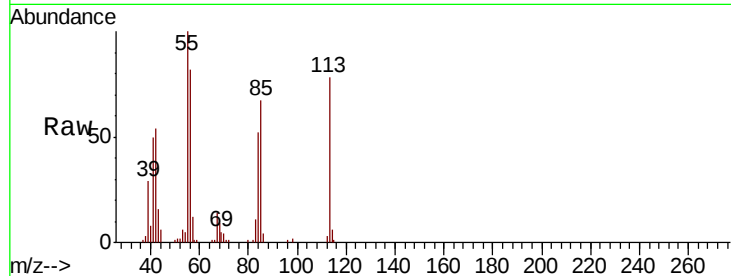
#35
 Caprolactam
 Concen: 40.300 ng/ml
 RT: 8.56 min Scan# 1101
 Delta R.T. -0.01 min
 Lab File: BF116864.D
 Acq: 6 Sep 2019 16:20

Instrument :
 BNA_F
 ClientSampleId :
 TP-6MS

Tot Ion	Ion	Ratio	Lower	Upper
113	100			
55	128.5	124.3	164.3	
56	105.7	94.6	134.6	

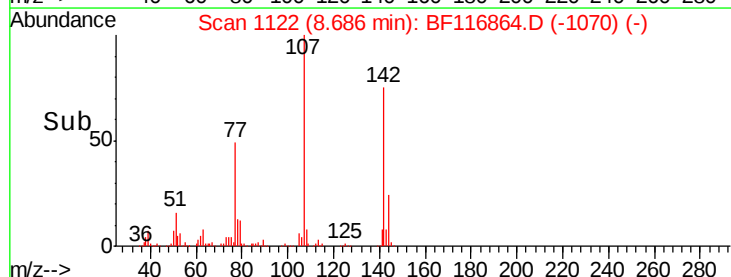
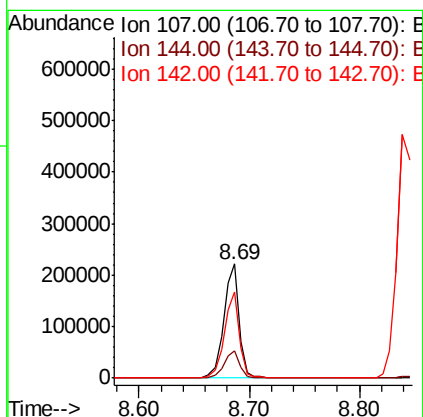
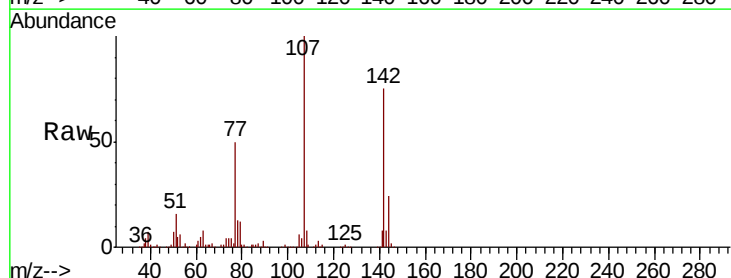
Manual Integrations
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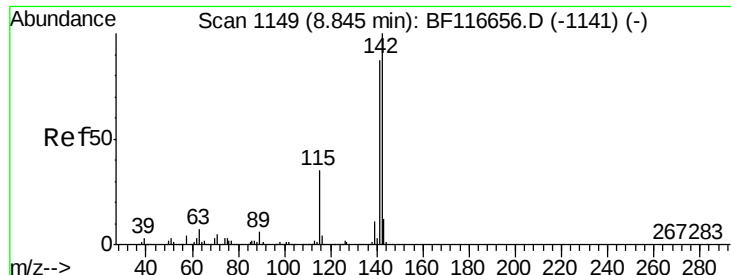
mohammad
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#36
 4-Chloro-3-methylphenol
 Concen: 46.855 ng/ml
 RT: 8.69 min Scan# 1122
 Delta R.T. 0.01 min
 Lab File: BF116864.D
 Acq: 6 Sep 2019 16:20

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
144	24.1	18.6	27.8	
142	75.1	58.5	87.7	





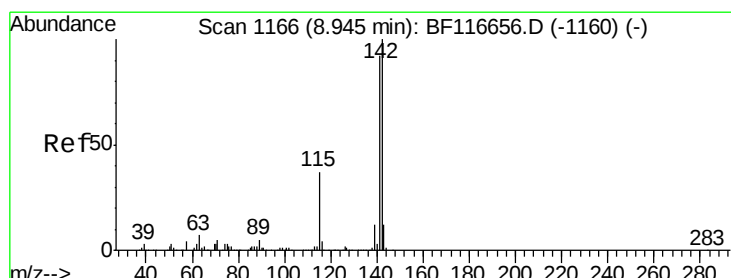
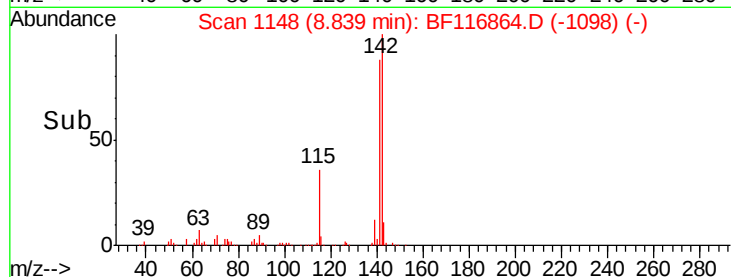
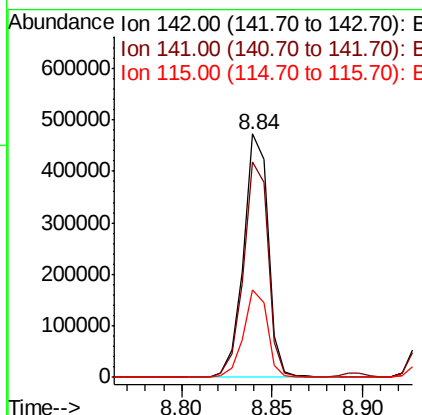
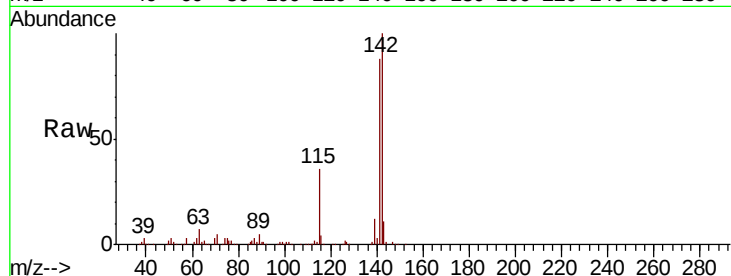
#37
2-Methylnaphthalene
Concen: 45.338 ng
RT: 8.84 min Scan# 1148
Delta R.T. -0.01 min
Lab File: BF116864.D
Acq: 6 Sep 2019 16:20

Instrument :
BNA_F
ClientSampleId :
TP-6MS

Tot Ion	Ratio	Lower	Upper
142	100		
141	88.4	72.6	109.0
115	36.1	29.8	44.6

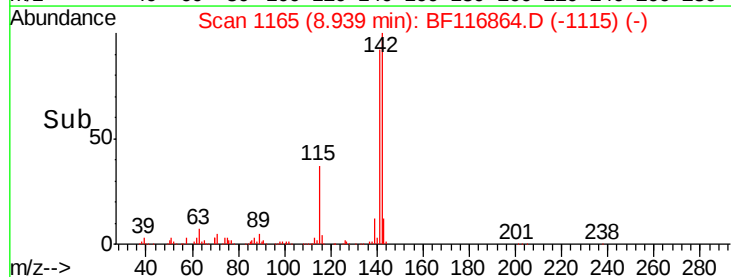
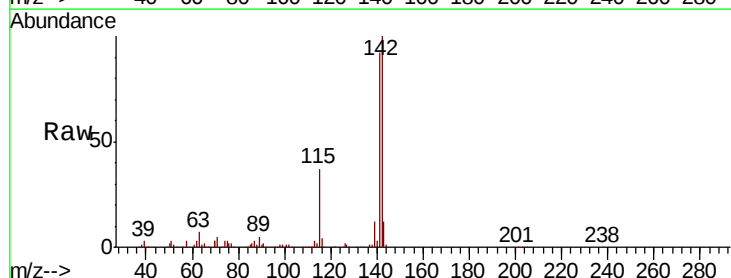
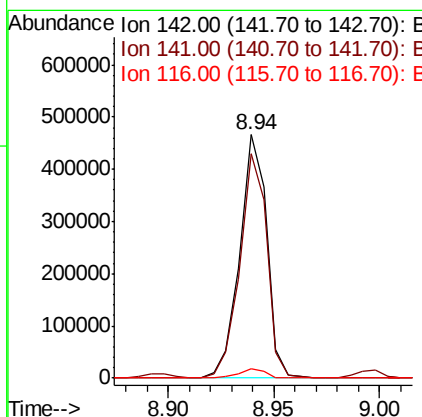
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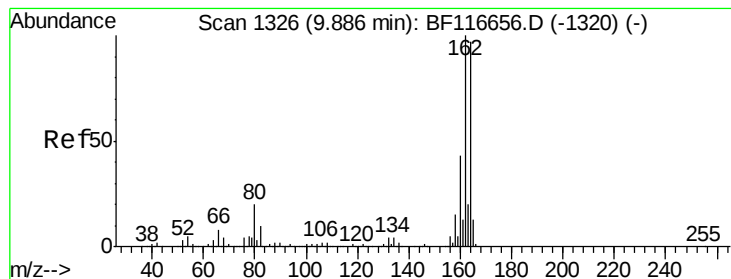
mohammad
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#38
1-Methylnaphthalene
Concen: 44.399 ng
RT: 8.94 min Scan# 1165
Delta R.T. -0.01 min
Lab File: BF116864.D
Acq: 6 Sep 2019 16:20

Tgt Ion	Ratio	Lower	Upper
142	100		
141	92.3	73.9	110.9
116	4.1	3.0	4.6





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.88 min Scan# 1325

Delta R.T. -0.01 min

Lab File: BF116864.D

Acq: 6 Sep 2019 16:20

Instrument :

BNA_F

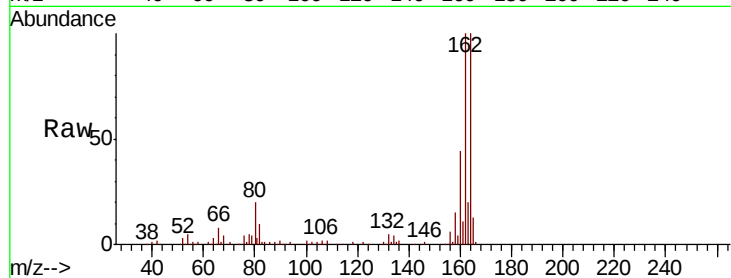
ClientSampled :

TP-6MS

Tot Ion:	164	Resp:	157451
Ion Ratio	Lower	Upper	
164	100		
162	99.9	81.4	122.0
160	44.2	35.4	53.2

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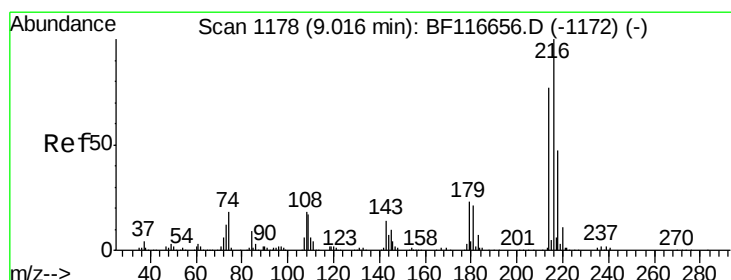
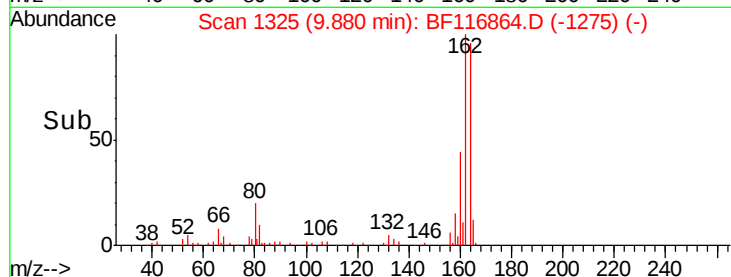
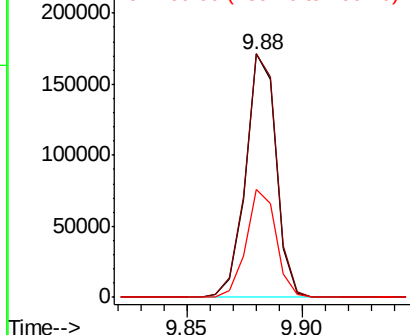


Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 45.707 ng

RT: 9.01 min Scan# 1177

Delta R.T. -0.01 min

Lab File: BF116864.D

Acq: 6 Sep 2019 16:20

Tgt Ion:	216	Resp:	172517
Ion Ratio	Lower	Upper	
216	100		
214	79.8	62.7	94.1
179	23.4	19.3	28.9
108	22.6	16.6	25.0

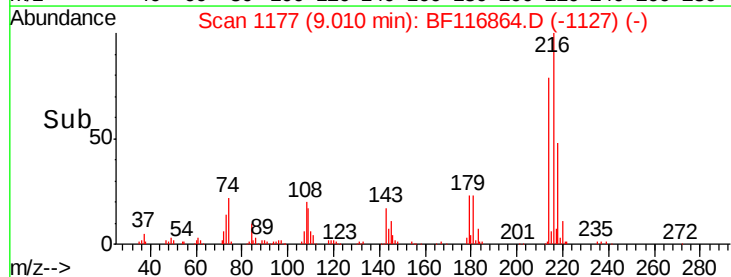
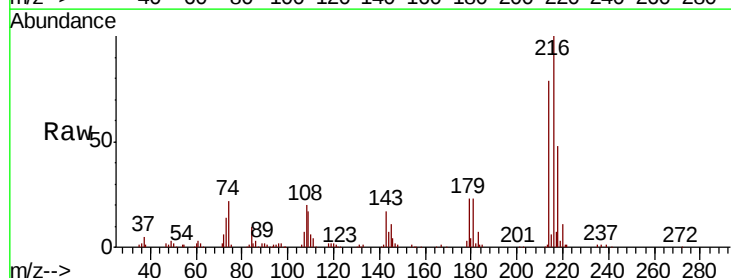
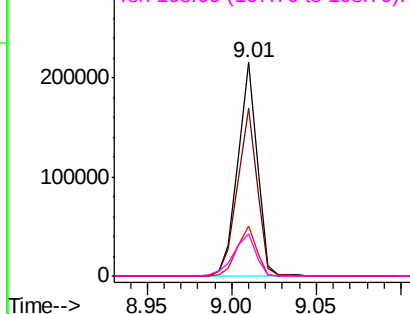
Abundance

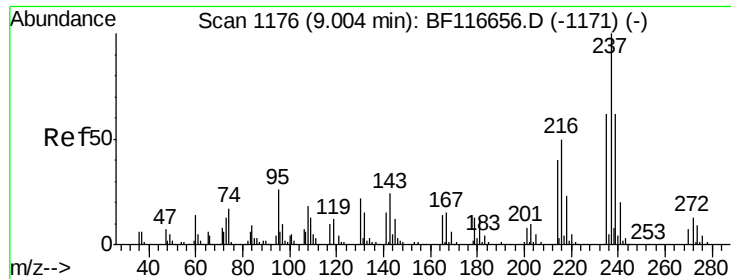
Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





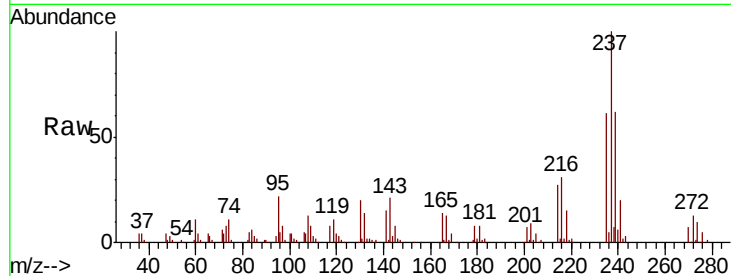
#41
Hexachlorocyclopentadiene
Concen: 39.207 ng
RT: 9.00 min Scan# 1175
Delta R.T. -0.01 min
Lab File: BF116864.D
Acq: 6 Sep 2019 16:20

Instrument :
BNA_F
ClientSampled :
TP-6MS

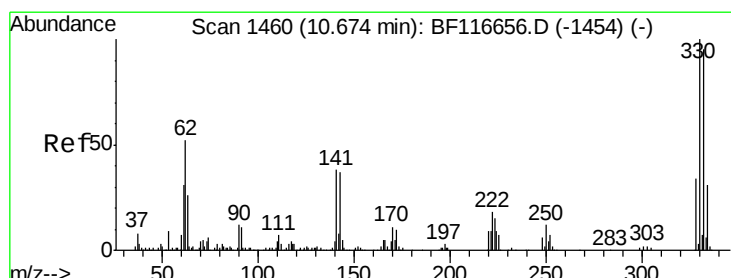
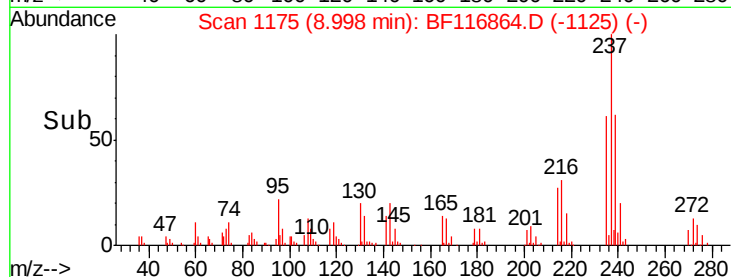
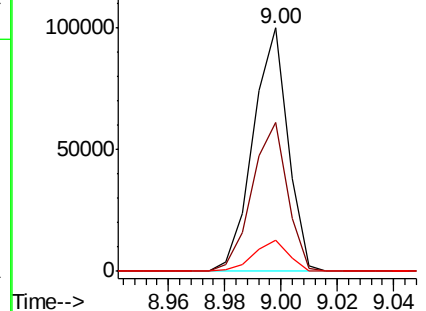
Tot Ion:	237	Resp:	85456
Ion Ratio	Lower	Upper	
237	100		
235	61.4	41.4	81.4
272	12.9	0.0	32.8

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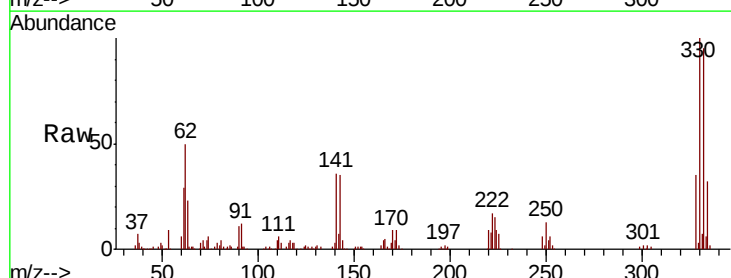


Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E

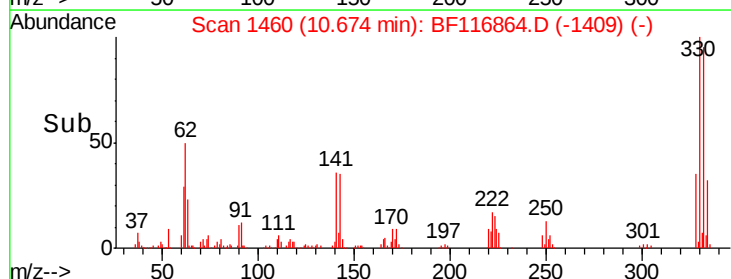
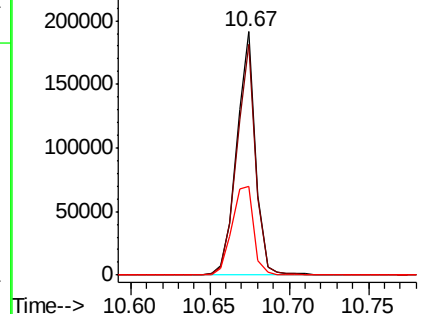


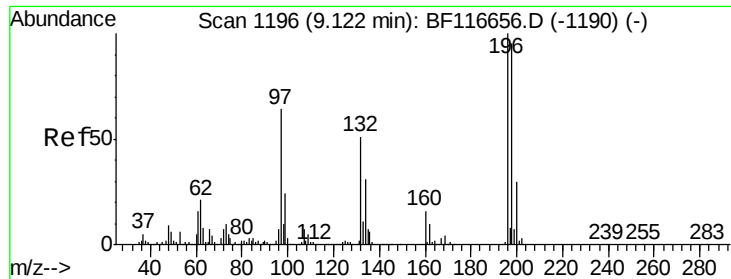
#42
2,4,6-Tribromophenol
Concen: 149.785 ng
RT: 10.67 min Scan# 1460
Delta R.T. 0.00 min
Lab File: BF116864.D
Acq: 6 Sep 2019 16:20

Tgt Ion:	330	Resp:	157663
Ion Ratio	Lower	Upper	
330	100		
332	95.2	76.9	115.3
141	42.7	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





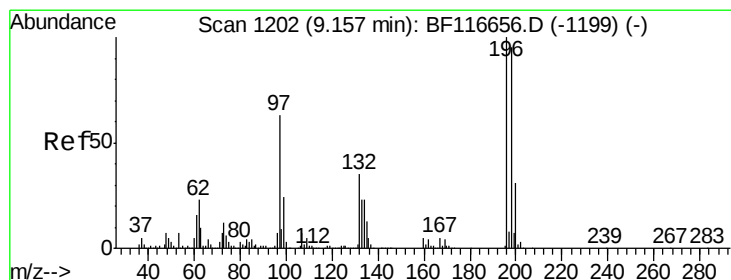
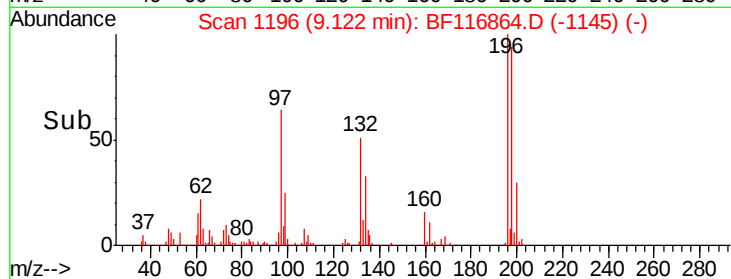
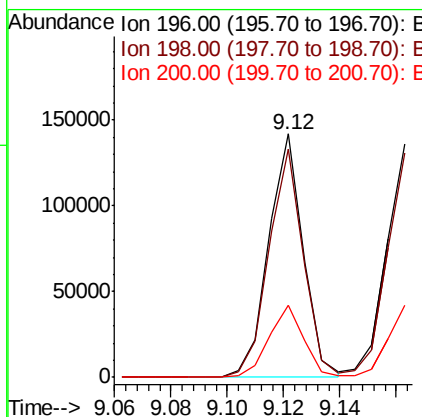
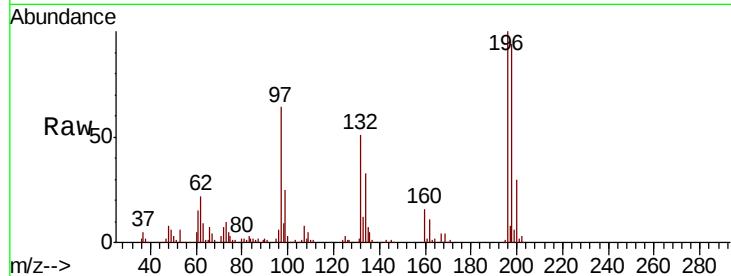
#43
 2,4,6-Trichlorophenol
 Concen: 46.407 ng
 RT: 9.12 min Scan# 1196
 Delta R.T. 0.00 min
 Lab File: BF116864.D
 Acq: 6 Sep 2019 16:20

Instrument :
 BNA_F
 ClientSampled :
 TP-6MS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	120069		
198	93.6	79.1	118.7	
200	29.8	24.0	36.0	

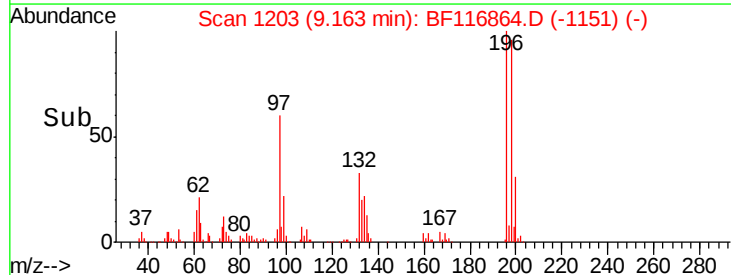
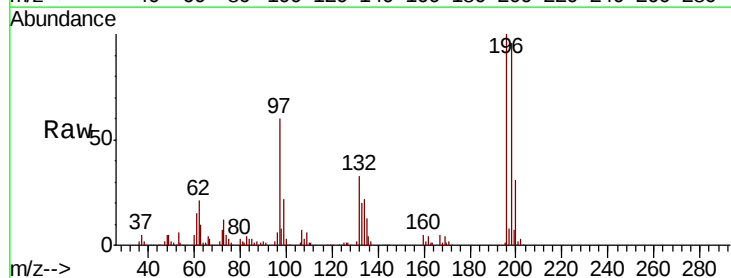
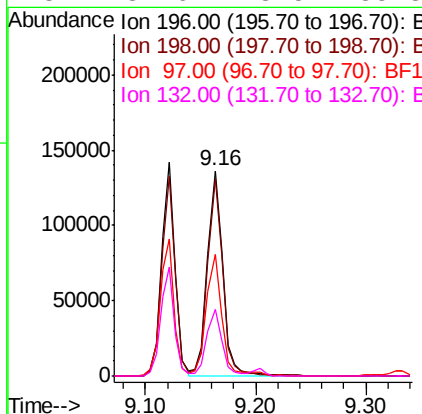
Manual Integrations
 APPROVED

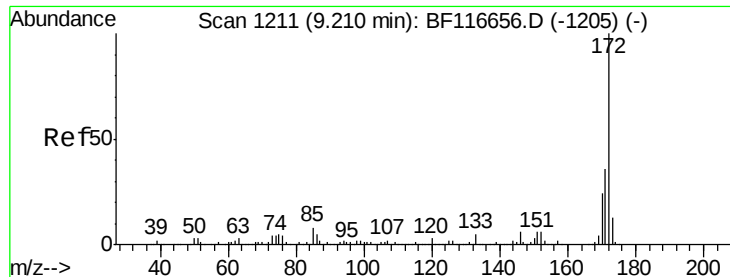
mohammad
 9/12/2019 9:23:40 AM



#44
 2,4,5-Trichlorophenol
 Concen: 48.288 ng
 RT: 9.16 min Scan# 1203
 Delta R.T. 0.01 min
 Lab File: BF116864.D
 Acq: 6 Sep 2019 16:20

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	129708		
198	95.9	78.1	117.1	
97	59.5	41.6	62.4	
132	32.6	23.5	35.3	





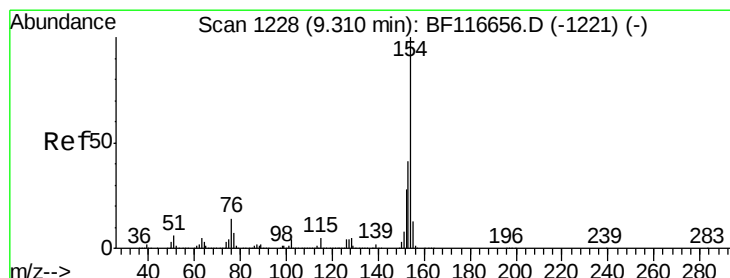
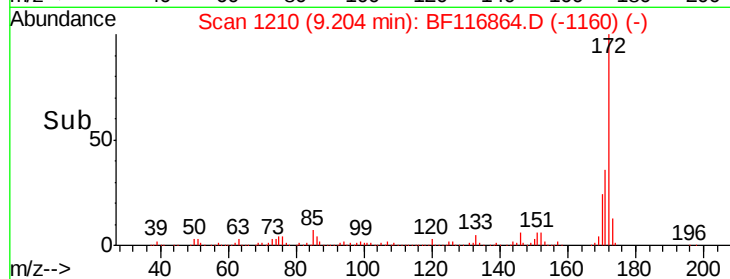
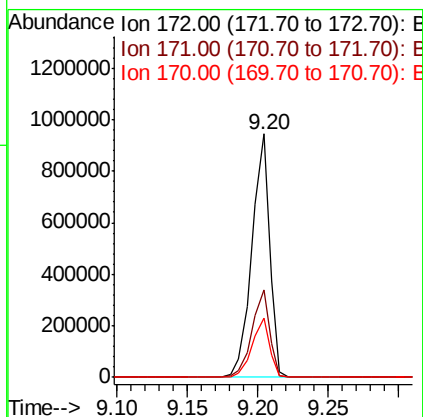
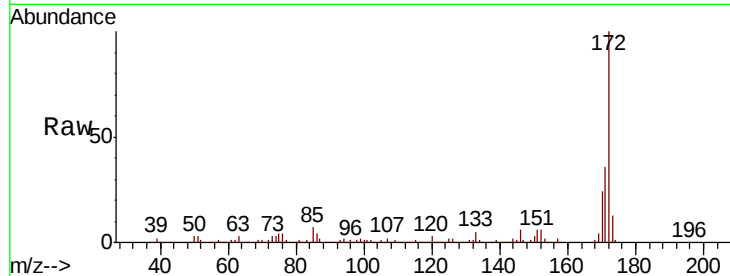
#45
2-Fluorobiphenyl
Concen: 90.158 ng
RT: 9.20 min Scan# 1210
Delta R.T. -0.01 min
Lab File: BF116864.D
Acq: 6 Sep 2019 16:20

Instrument :
BNA_F
ClientSampleId :
TP-6MS

Tot Ion	Ratio	Resp	Lower	Upper
172	100	841514		
171	36.1		27.8	41.6
170	24.4		18.9	28.3

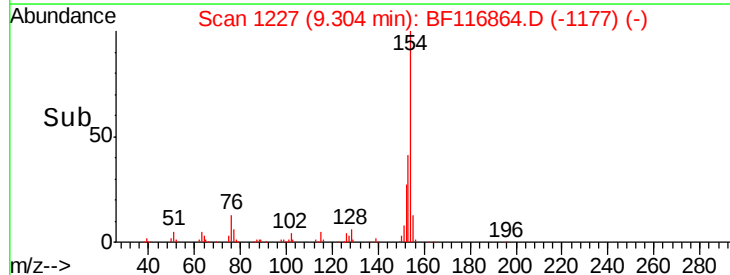
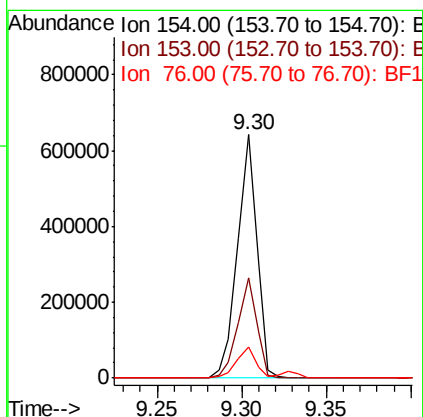
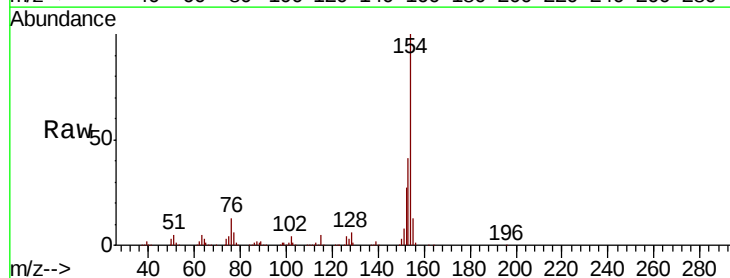
Manual Integrations
APPROVED

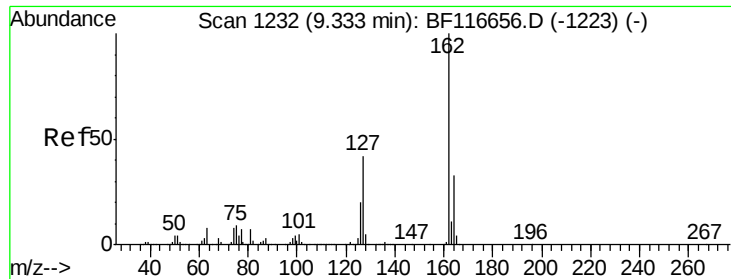
mohammad
9/12/2019 9:23:40 AM



#46
1,1'-Biphenyl
Concen: 43.324 ng
RT: 9.30 min Scan# 1227
Delta R.T. -0.01 min
Lab File: BF116864.D
Acq: 6 Sep 2019 16:20

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	517620		
153	41.1		21.2	61.2
76	12.6		0.0	30.9





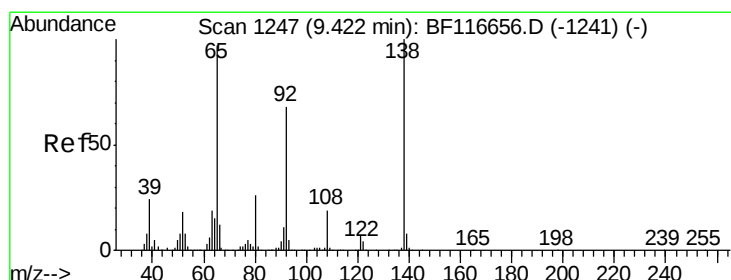
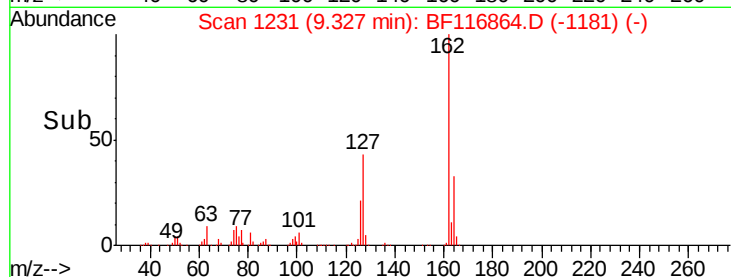
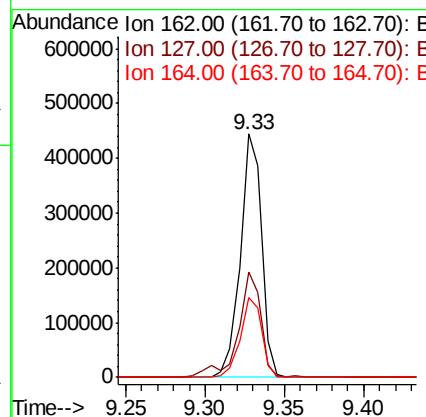
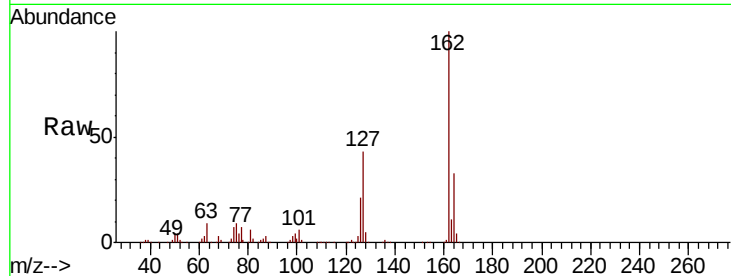
#47
2-Chloronaphthalene
Concen: 43.557 ng
RT: 9.33 min Scan# 1231
Delta R.T. -0.01 min
Lab File: BF116864.D
Acq: 6 Sep 2019 16:20

Instrument :
BNA_F
ClientSampleId :
TP-6MS

Tot Ion	Ratio	Resp	Lower	Upper
162	100	412180		
127	43.2	33.4	50.2	
164	32.6	26.6	39.8	

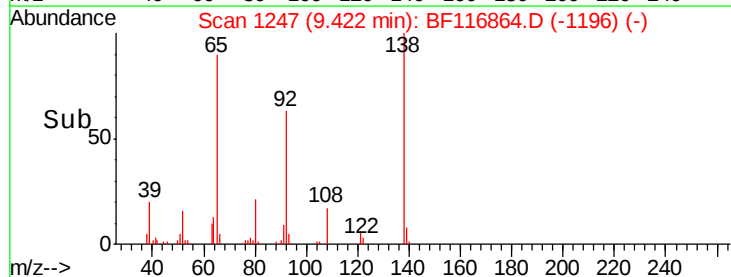
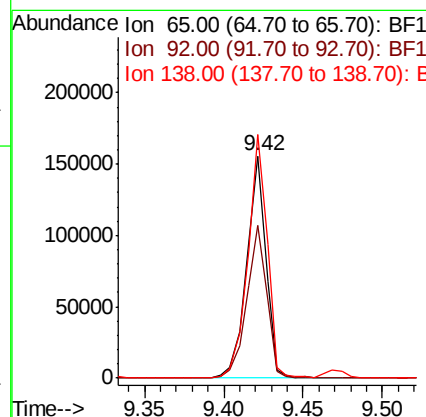
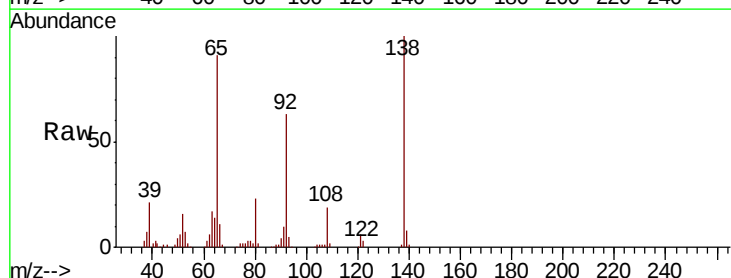
Manual Integrations
APPROVED

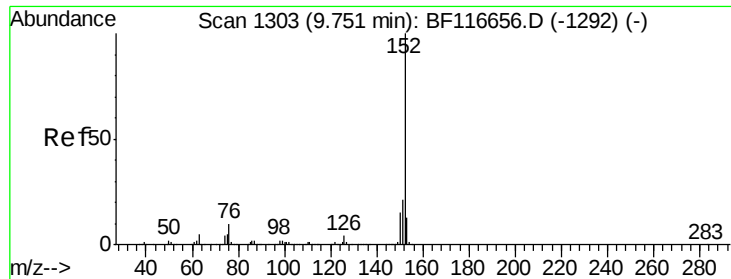
mohammad
9/12/2019 9:23:40 AM



#48
2-Nitroaniline
Concen: 47.991 ng
RT: 9.42 min Scan# 1247
Delta R.T. 0.00 min
Lab File: BF116864.D
Acq: 6 Sep 2019 16:20

Tgt Ion	Ratio	Resp	Lower	Upper
65	100	131292		
92	68.7	57.1	85.7	
138	109.7	88.2	132.2	





#49

Acenaphthylene

Concen: 44.786 ng

RT: 9.75 min Scan# 1302

Delta R.T. -0.01 min

Lab File: BF116864.D

Acq: 6 Sep 2019 16:20

Instrument :

BNA_F

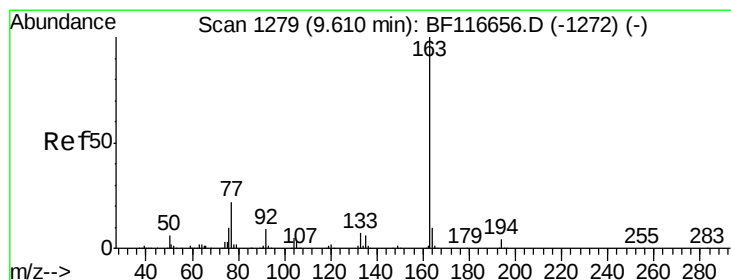
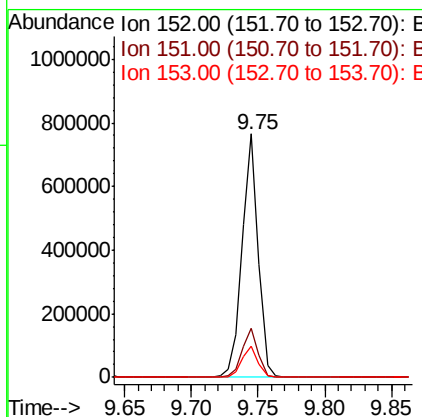
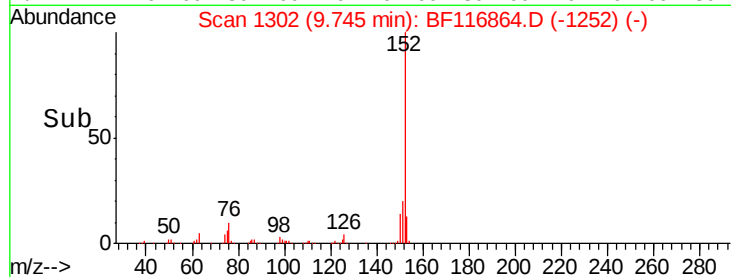
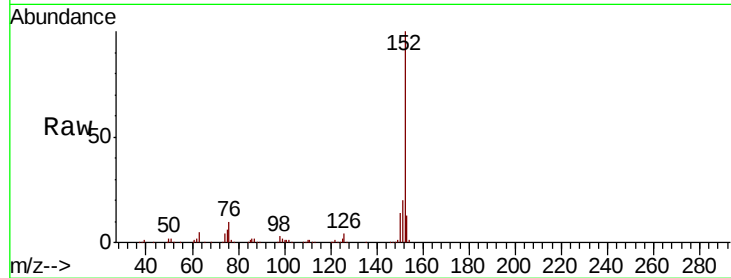
ClientSampled :

TP-6MS

Tot Ion:	152	Resp:	640642
Ion Ratio	Lower	Upper	
152	100		
151	20.2	15.9	23.9
153	12.9	10.9	16.3

Manual Integrations
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#50

Dimethylphthalate

Concen: 53.421 ng

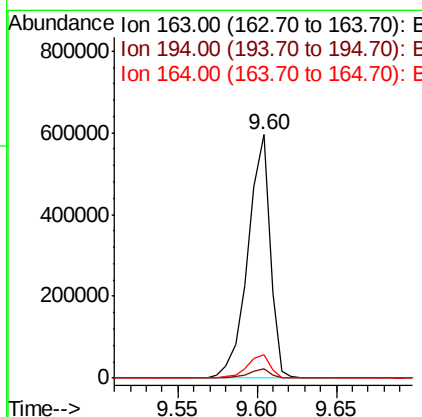
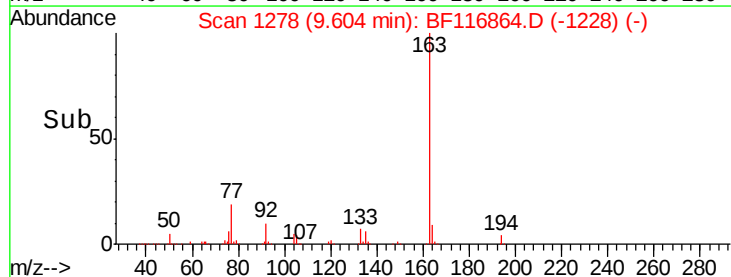
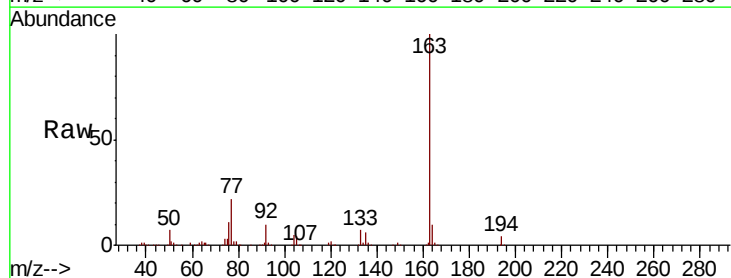
RT: 9.60 min Scan# 1278

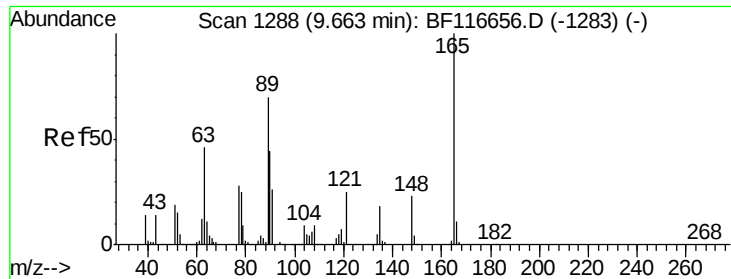
Delta R.T. -0.01 min

Lab File: BF116864.D

Acq: 6 Sep 2019 16:20

Tgt Ion:	163	Resp:	580702
Ion Ratio	Lower	Upper	
163	100		
194	3.7	2.8	4.2
164	9.5	8.6	12.8





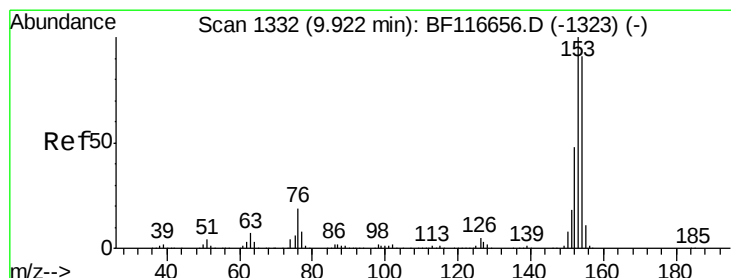
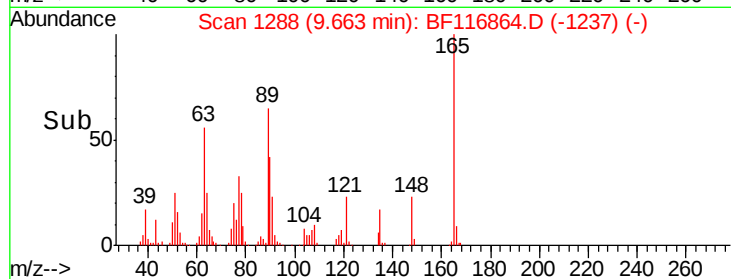
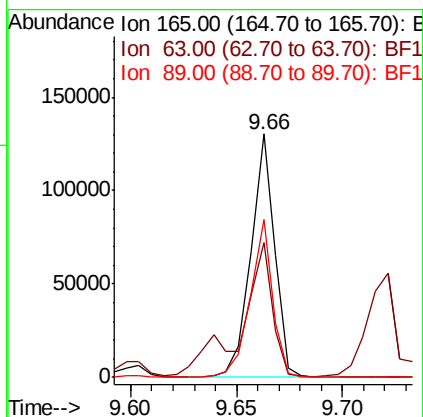
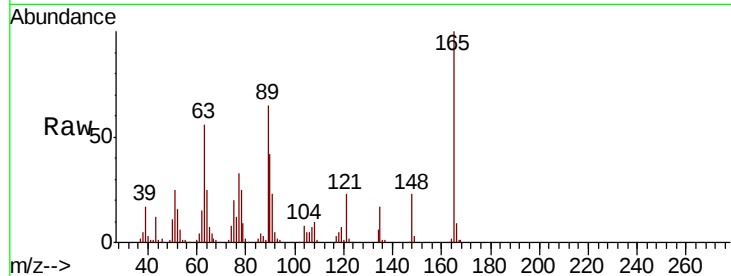
#51
2,6-Dinitrotoluene
Concen: 49.406 ng
RT: 9.66 min Scan# 1288
Delta R.T. 0.00 min
Lab File: BF116864.D
Acq: 6 Sep 2019 16:20

Instrument :
BNA_F
ClientSampleId :
TP-6MS

Tot Ion:	165	Resp:	102467
Ion Ratio	Lower	Upper	
165	100		
63	55.6	47.3	70.9
89	64.6	52.5	78.7

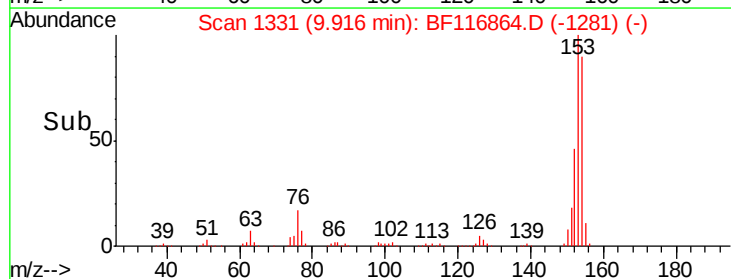
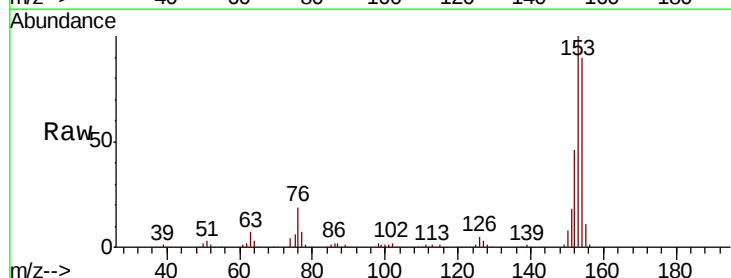
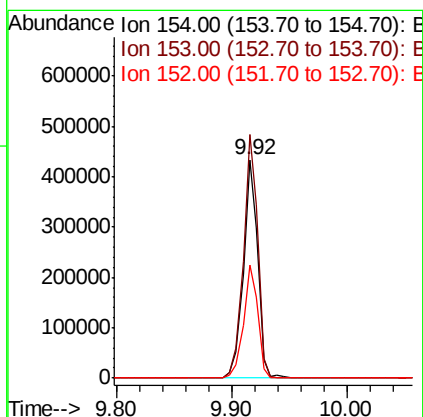
Manual Integrations
APPROVED

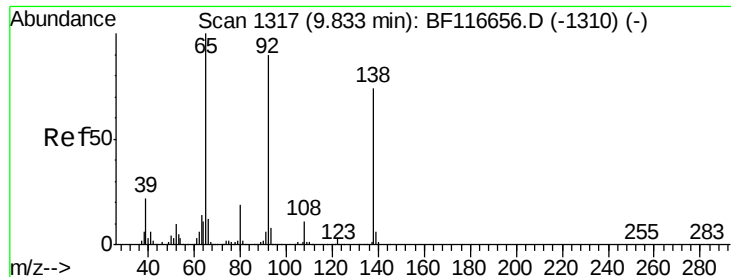
mohammad
9/12/2019 9:23:40 AM



#52
Acenaphthene
Concen: 42.526 ng
RT: 9.92 min Scan# 1331
Delta R.T. -0.01 min
Lab File: BF116864.D
Acq: 6 Sep 2019 16:20

Tgt Ion:	154	Resp:	373763
Ion Ratio	Lower	Upper	
154	100		
153	111.5	89.5	134.3
152	51.8	41.9	62.9





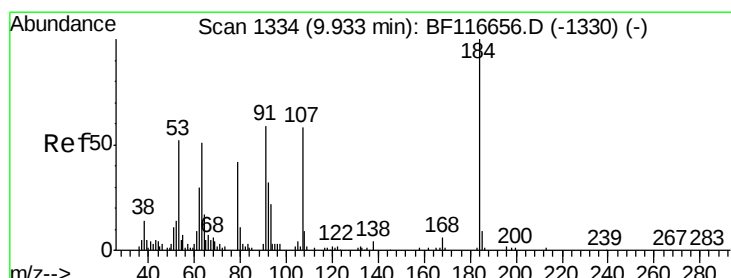
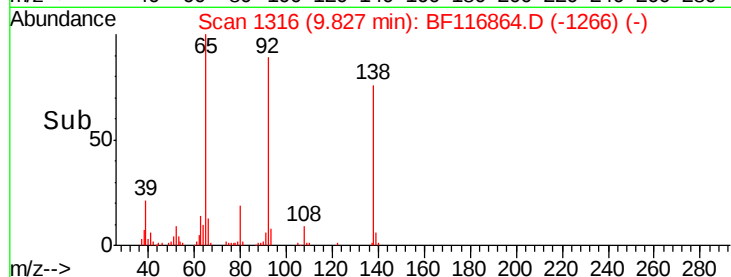
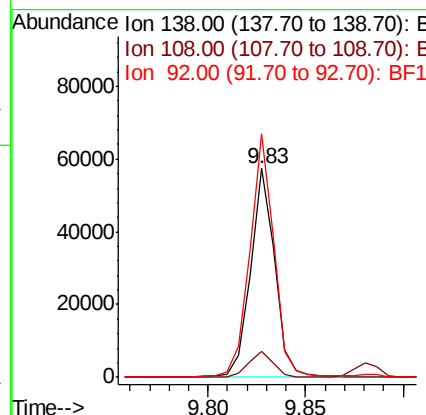
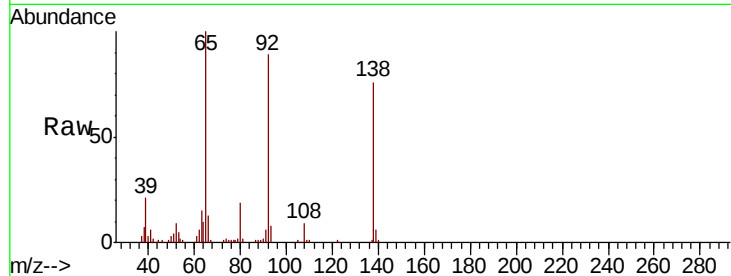
#53
3-Nitroaniline
Concen: 19.042 ng
RT: 9.83 min Scan# 1316
Delta R.T. -0.01 min
Lab File: BF116864.D
Acq: 6 Sep 2019 16:20

Instrument :
BNA_F
ClientSampleId :
TP-6MS

Tot Ion	Ratio	Lower	Upper
138	100		
108	12.5	8.5	12.7
92	116.8	87.2	130.8

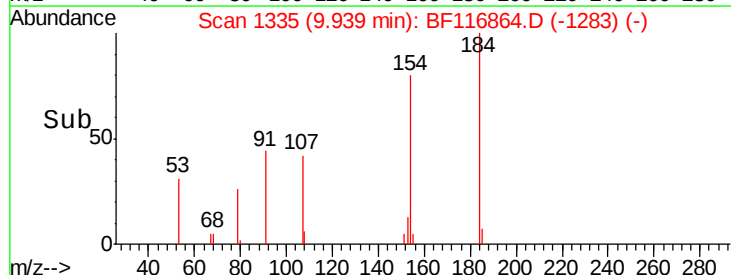
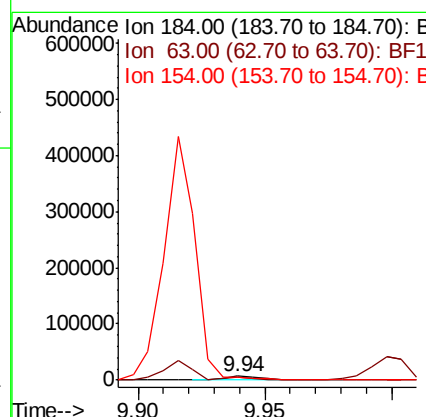
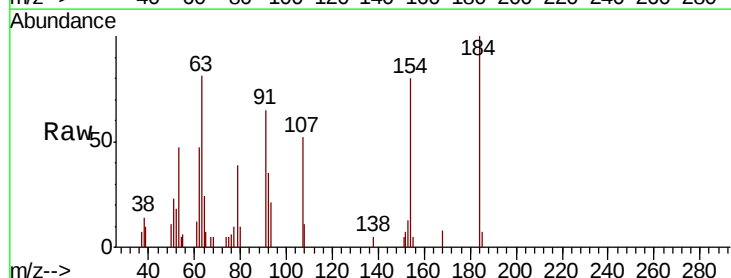
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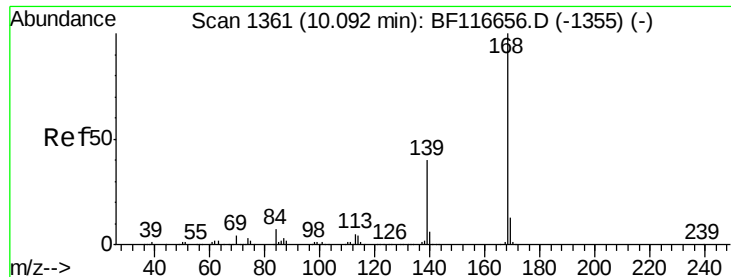
mohammad
9/12/2019 9:23:40 AM



#54
2,4-Dinitrophenol
Concen: 17.697 ng
RT: 9.94 min Scan# 1335
Delta R.T. 0.01 min
Lab File: BF116864.D
Acq: 6 Sep 2019 16:20

Tgt Ion	Ratio	Lower	Upper
184	100		
63	81.0	52.2	78.2#
154	80.3	60.8	91.2





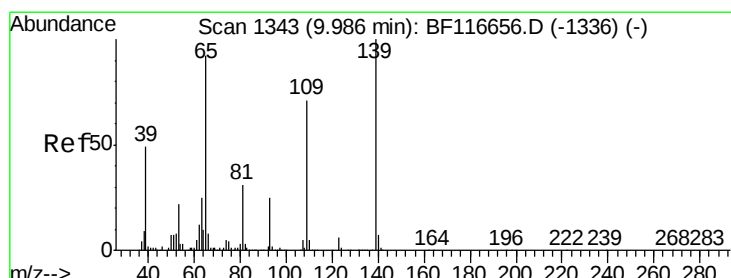
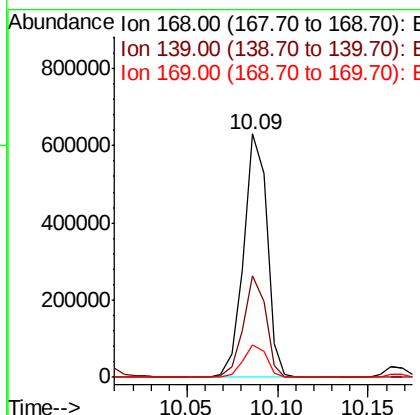
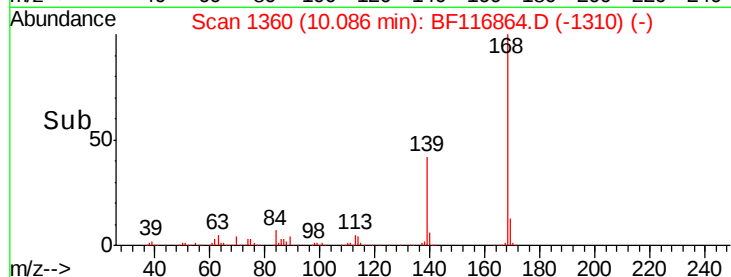
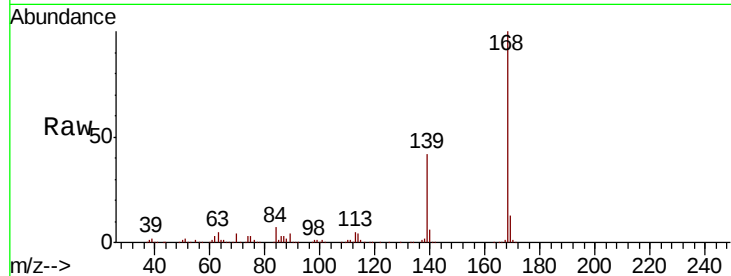
#55
Dibenzofuran
Concen: 45.601 ng
RT: 10.09 min Scan# 1360
Delta R.T. -0.01 min
Lab File: BF116864.D
Acq: 6 Sep 2019 16:20

Instrument :
BNA_F
ClientSampleId :
TP-6MS

Tot Ion	Ratio	Lower	Upper
168	100		
139	41.6	31.5	47.3
169	13.2	10.3	15.5

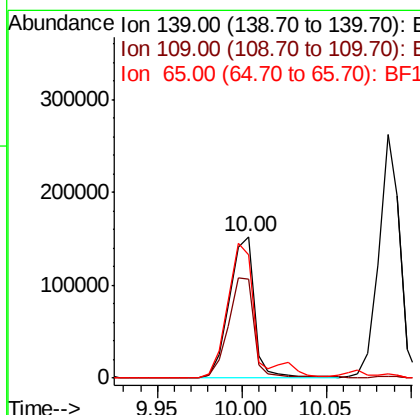
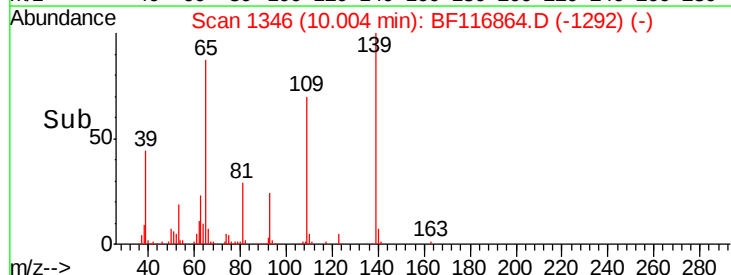
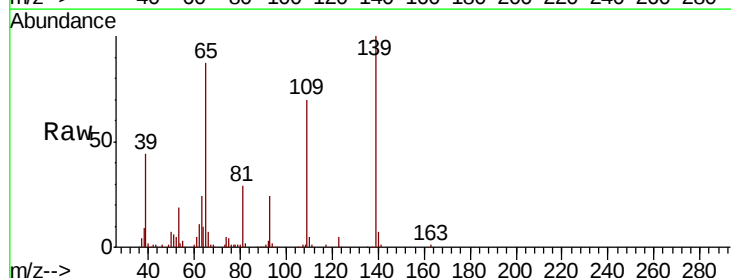
Manual Integrations
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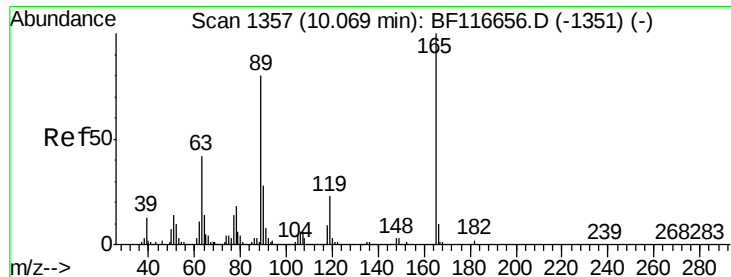
mohammad
9/12/2019 9:23:40 AM



#56
4-Nitrophenol
Concen: 88.391 ng
RT: 10.00 min Scan# 1346
Delta R.T. 0.02 min
Lab File: BF116864.D
Acq: 6 Sep 2019 16:20

Tgt Ion	Ratio	Lower	Upper
139	100		
109	70.0	61.7	101.7
65	87.3	89.1	129.1#





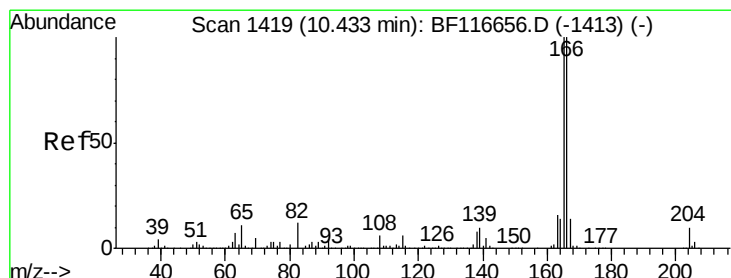
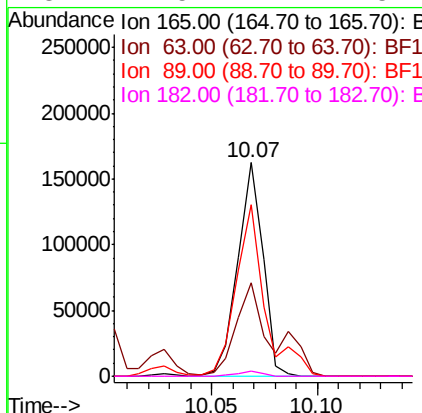
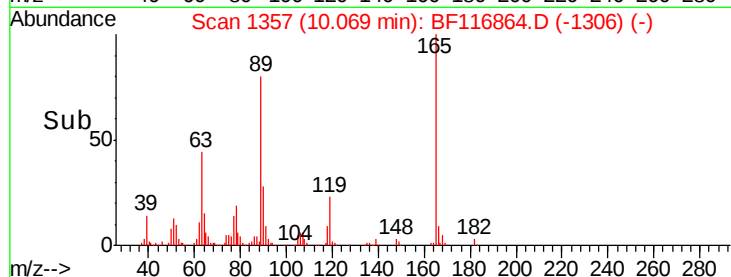
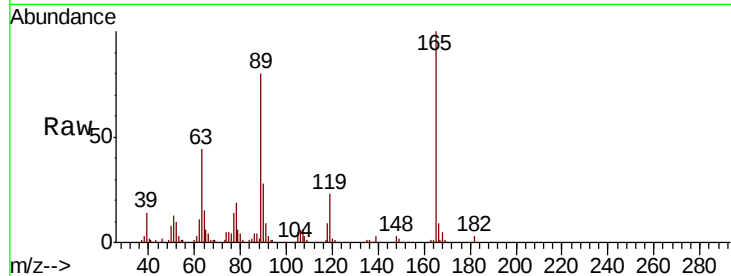
#57
2,4-Dinitrotoluene
Concen: 53.045 ng
RT: 10.07 min Scan# 1357
Delta R.T. 0.00 min
Lab File: BF116864.D
Acq: 6 Sep 2019 16:20

Instrument :
BNA_F
ClientSampled :
TP-6MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
165	100		134521		
63	43.8	36.4	54.6		
89	80.3	62.6	94.0		
182	2.5	2.1	3.1		

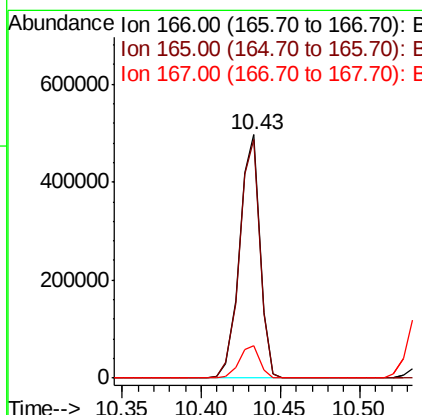
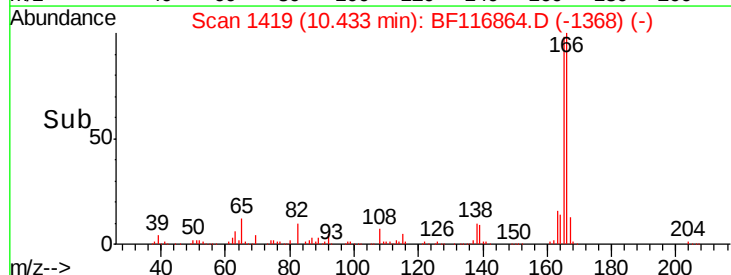
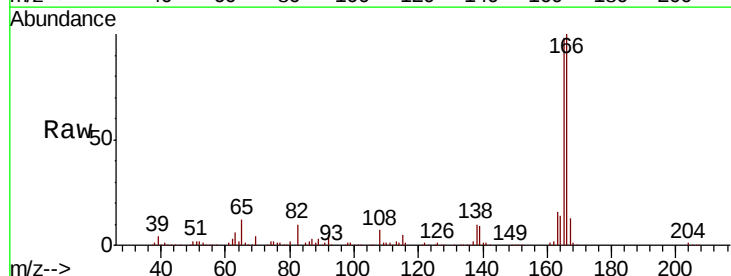
Manual Integrations
APPROVED

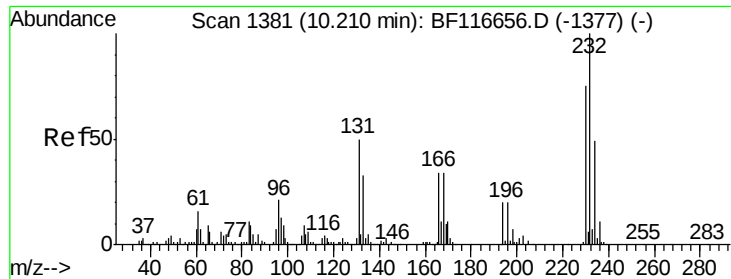
mohammad
9/12/2019 9:23:40 AM



#58
Fluorene
Concen: 46.797 ng
RT: 10.43 min Scan# 1419
Delta R.T. 0.00 min
Lab File: BF116864.D
Acq: 6 Sep 2019 16:20

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
166	100		441805		
165	97.9	78.8	118.2		
167	13.2	10.0	15.0		





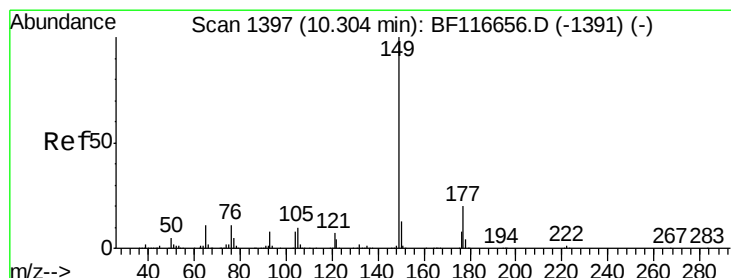
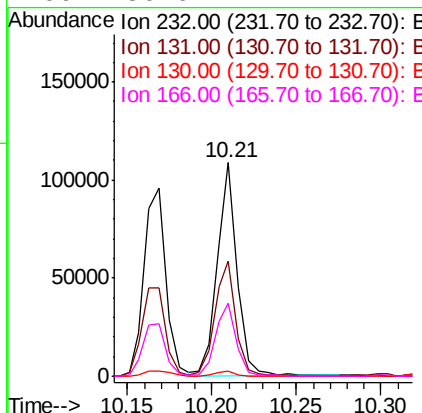
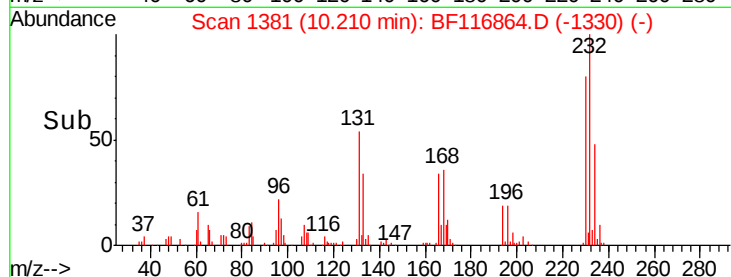
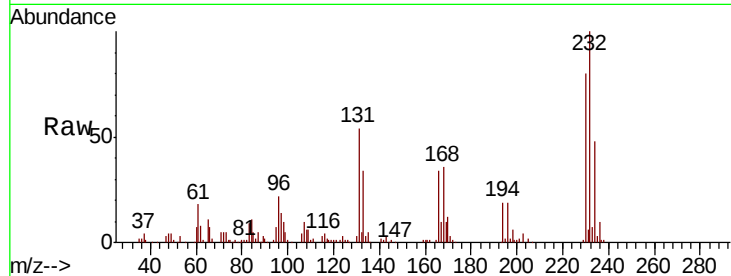
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 46.113 ng
 RT: 10.21 min Scan# 1381
 Delta R.T. 0.00 min
 Lab File: BF116864.D
 Acq: 6 Sep 2019 16:20

Instrument :
 BNA_F
 ClientSampleId :
 TP-6MS

Tot Ion:	232	Resp:	89394
Ion Ratio	Lower	Upper	
232	100		
131	57.7	42.7	64.1
130	2.6	1.9	2.9
166	36.6	27.4	41.2

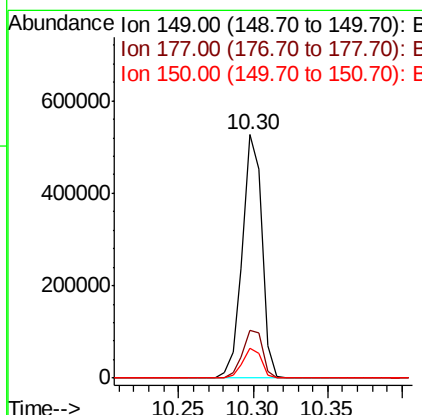
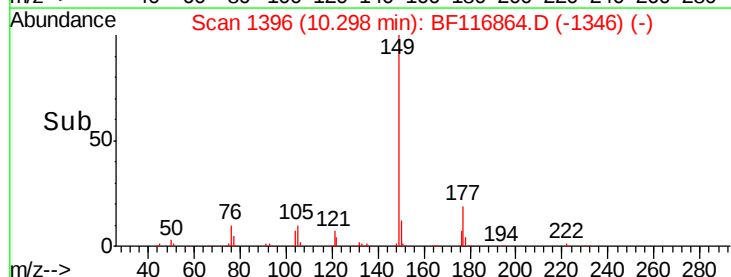
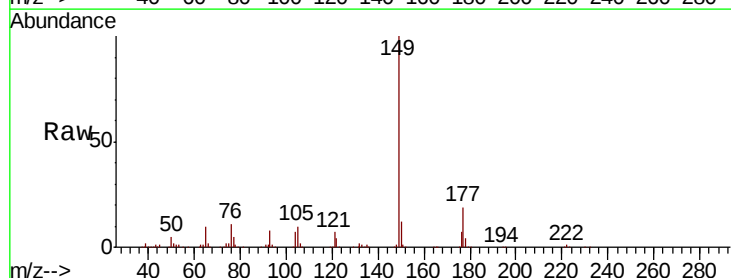
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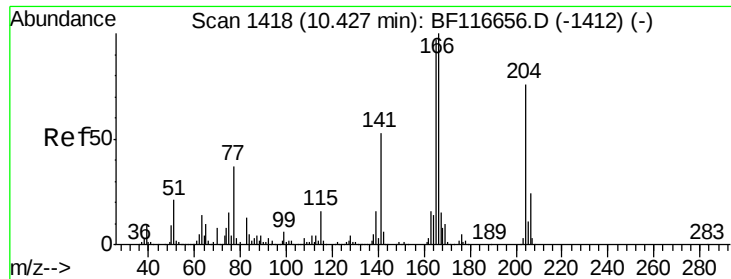
mohammad
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#60
 Diethylphthalate
 Concen: 44.227 ng
 RT: 10.30 min Scan# 1396
 Delta R.T. -0.01 min
 Lab File: BF116864.D
 Acq: 6 Sep 2019 16:20

Tgt Ion:	149	Resp:	481583
Ion Ratio	Lower	Upper	
149	100		
177	19.5	17.2	25.8
150	12.5	9.7	14.5





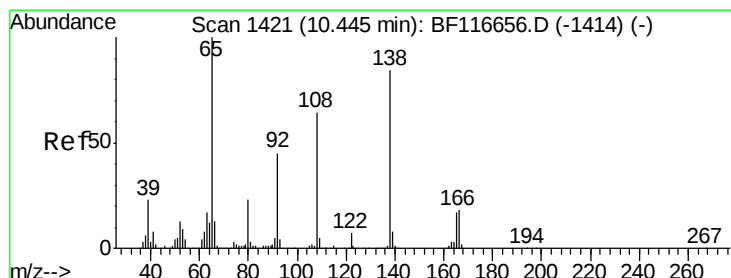
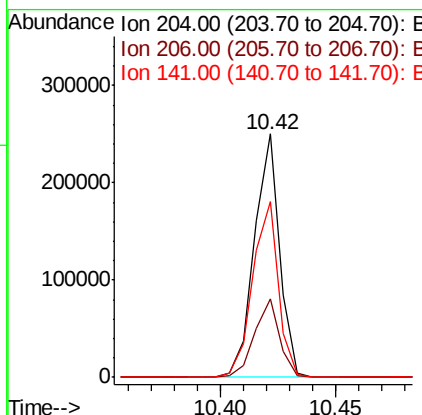
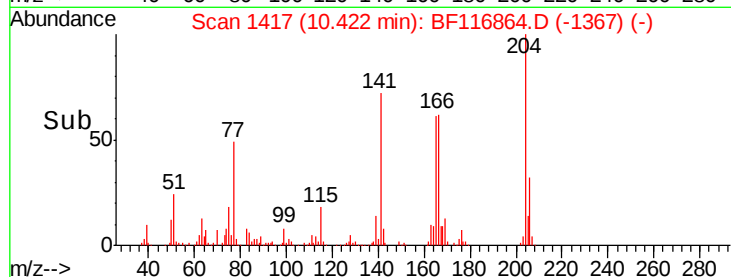
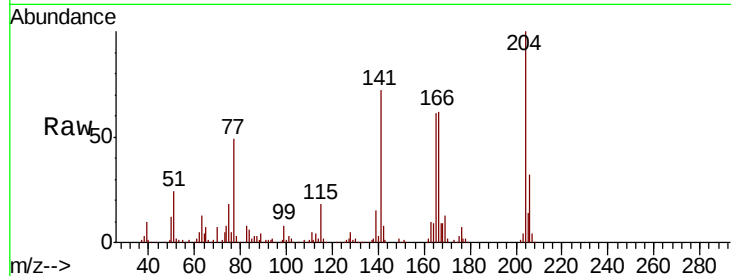
#61
4-Chlorophenyl-phenylether
Concen: 46.335 ng
RT: 10.42 min Scan# 1417
Delta R.T. -0.01 min
Lab File: BF116864.D
Acq: 6 Sep 2019 16:20

Instrument :
BNA_F
ClientSampled :
TP-6MS

Tot Ion	Ratio	Resp	Lower	Upper
204	100	191556		
206	32.3	25.4	38.2	
141	72.3	53.8	80.8	

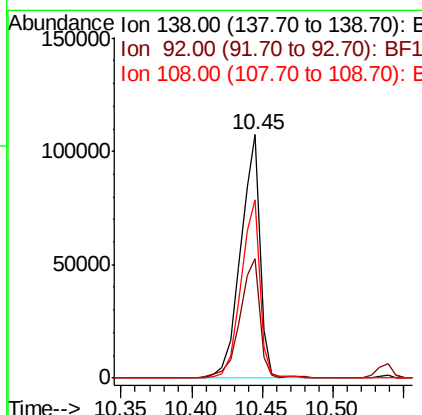
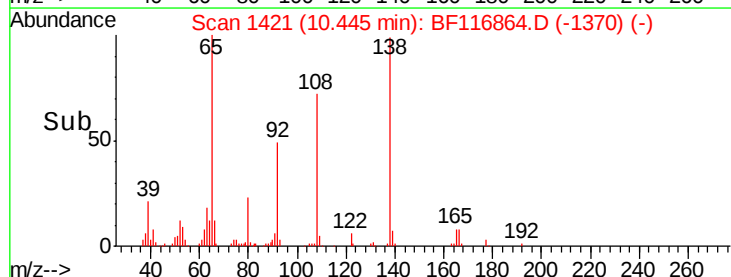
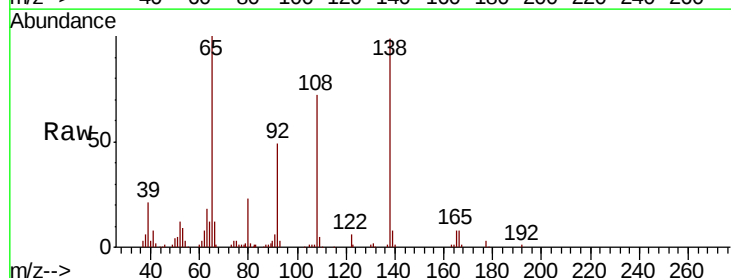
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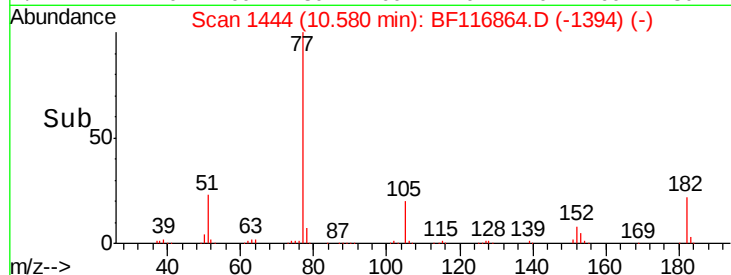
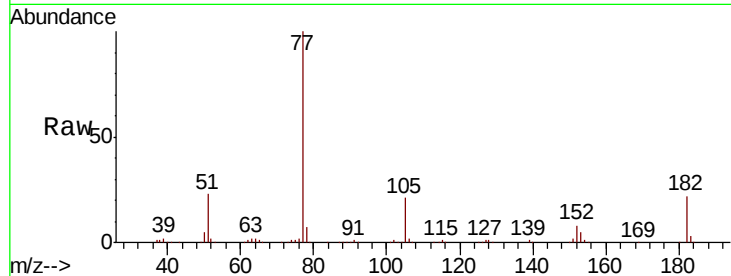
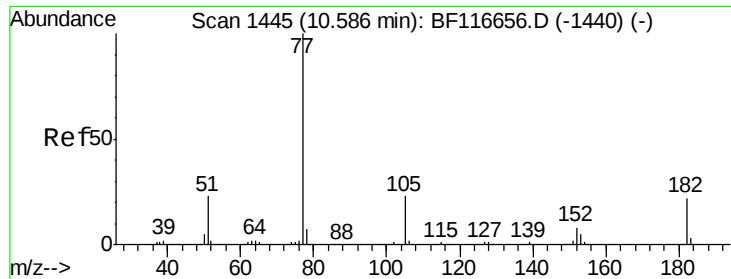
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#62
4-Nitroaniline
Concen: 40.623 ng
RT: 10.45 min Scan# 1421
Delta R.T. 0.00 min
Lab File: BF116864.D
Acq: 6 Sep 2019 16:20

Tgt Ion	Ratio	Resp	Lower	Upper
138	100	102466		
92	49.2	28.7	68.7	
108	73.0	60.4	100.4	





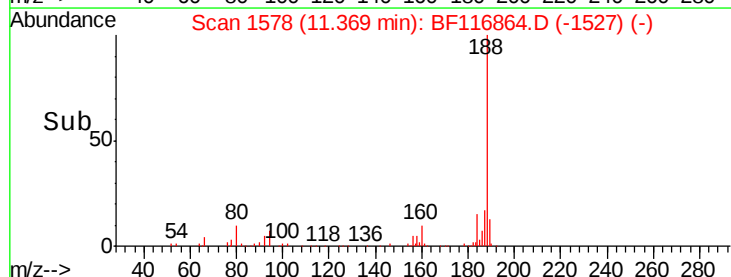
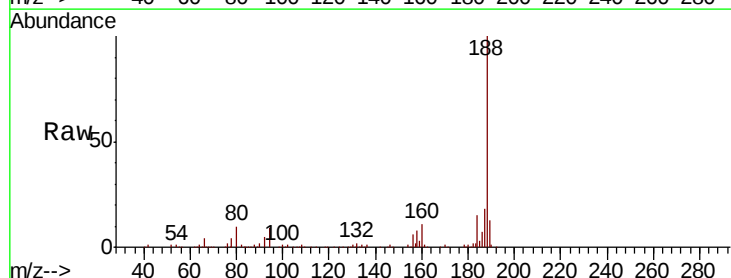
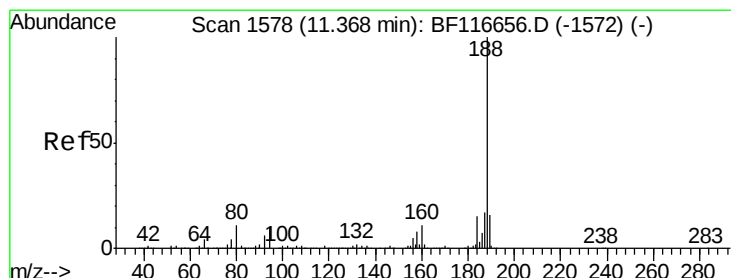
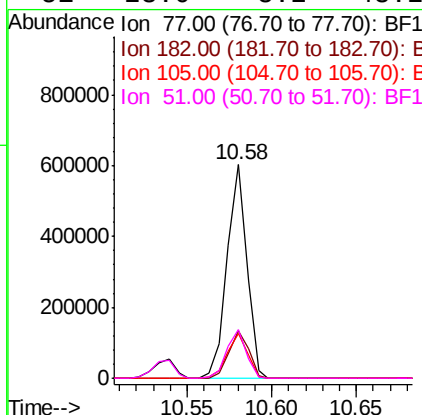
#63
Azobenzene
Concen: 43.122 ng
RT: 10.58 min Scan# 1444
Delta R.T. -0.01 min
Lab File: BF116864.D
Acq: 6 Sep 2019 16:20

Tot Ion	Ion	Ratio	Resp	Lower	Upper
77	100		489603		
182	22.0	1.2	41.2		
105	21.2	0.6	40.6		
51	23.0	8.2	48.2		

Instrument :
BNA_F
ClientSampleId :
TP-6MS

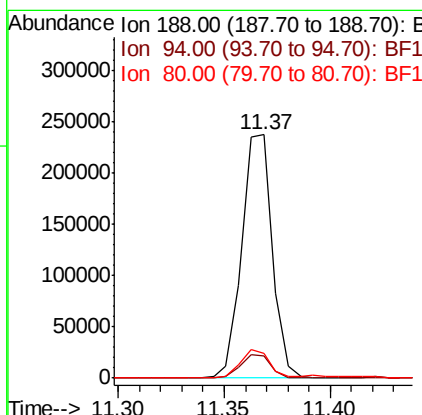
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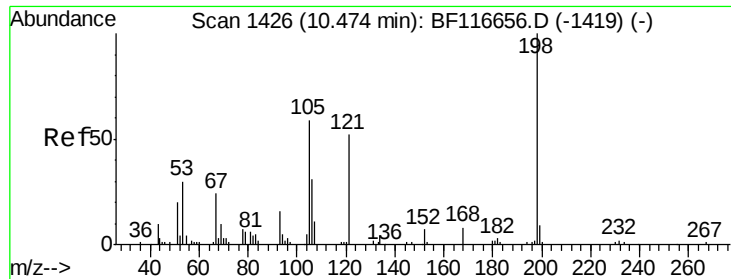
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.37 min Scan# 1578
Delta R.T. 0.00 min
Lab File: BF116864.D
Acq: 6 Sep 2019 16:20

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
188	100		237441		
94	9.0	7.3	10.9		
80	10.3	8.4	12.6		





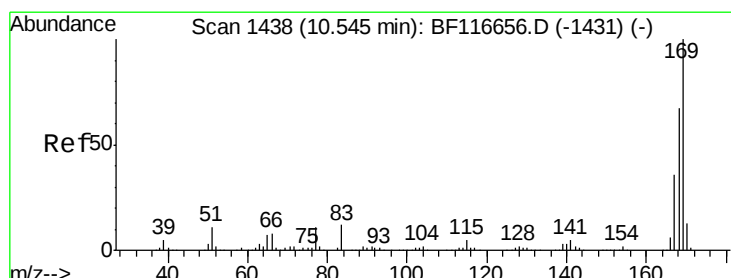
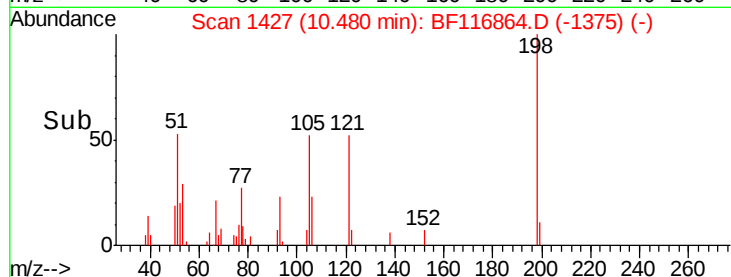
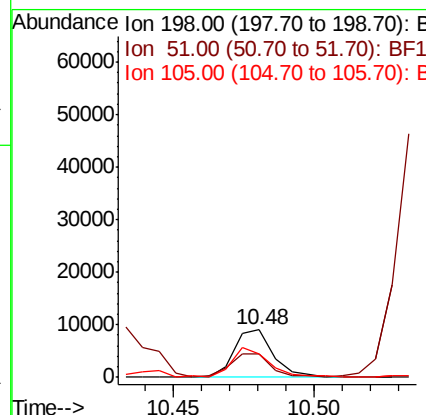
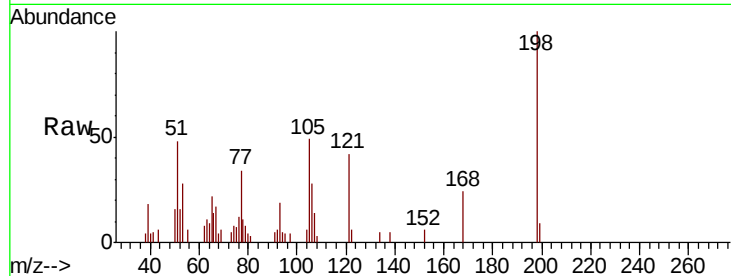
#65
4,6-Dinitro-2-methylphenol
Concen: 15.715 ng
RT: 10.48 min Scan# 1427
Delta R.T. 0.01 min
Lab File: BF116864.D
Acq: 6 Sep 2019 16:20

Instrument :
BNA_F
ClientSampleId :
TP-6MS

Tot Ion	Ratio	Resp	Lower	Upper
198	100	8555		
51	48.4		18.4	58.4
105	48.9		22.9	62.9

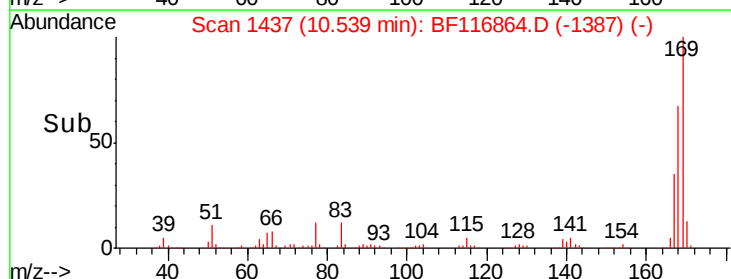
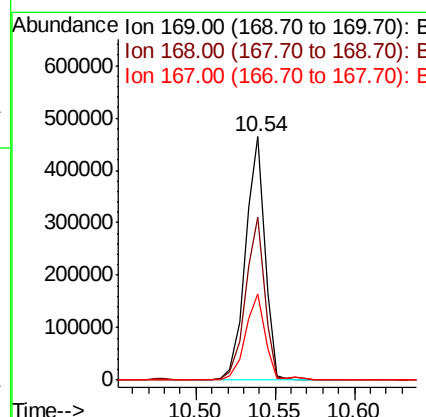
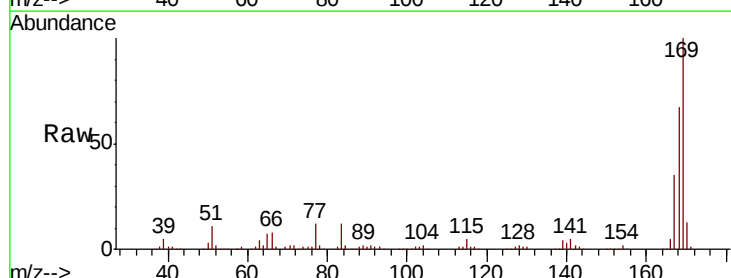
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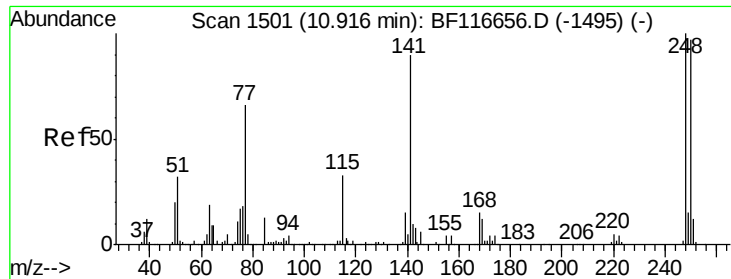
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#66
n-Nitrosodiphenylamine
Concen: 47.629 ng
RT: 10.54 min Scan# 1437
Delta R.T. -0.01 min
Lab File: BF116864.D
Acq: 6 Sep 2019 16:20

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	391221		
168	67.1		55.8	83.6
167	35.1		29.4	44.2





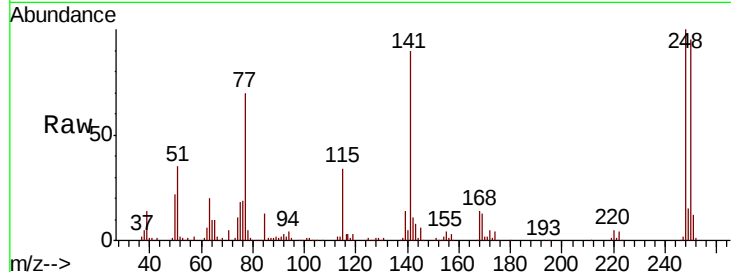
#67
 4-Bromophenyl-phenylether
 Concen: 46.180 ng
 RT: 10.91 min Scan# 1500
 Delta R.T. -0.01 min
 Lab File: BF116864.D
 Acq: 6 Sep 2019 16:20

Instrument :
 BNA_F
 ClientSampleId :
 TP-6MS

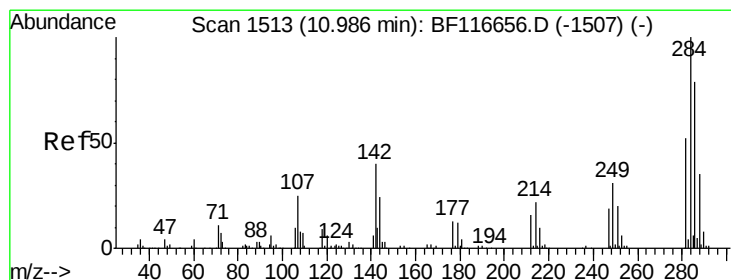
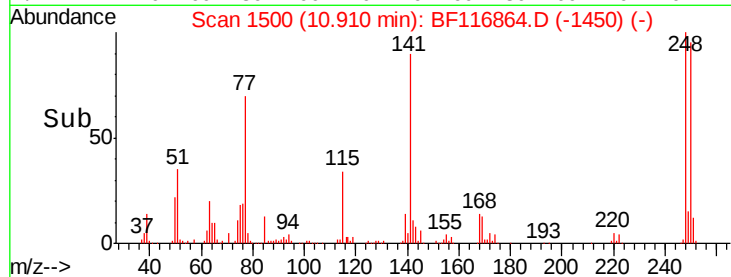
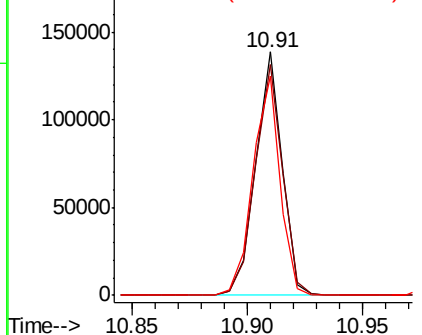
Tot Ion:	248	Resp:	111391
Ion Ratio	Lower	Upper	
248	100		
250	94.6	77.8	116.8
141	90.0	75.9	113.9

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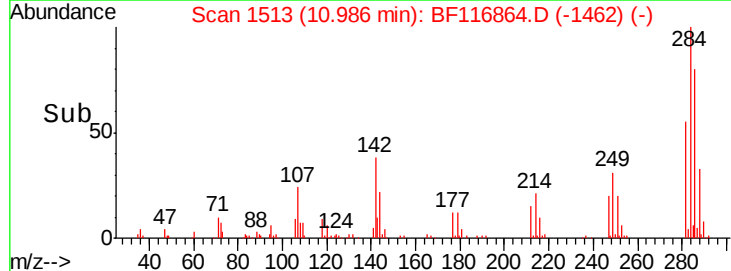
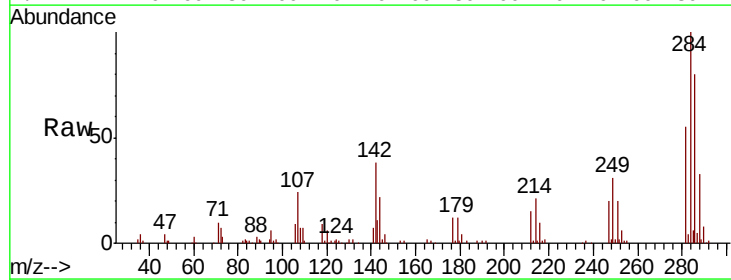
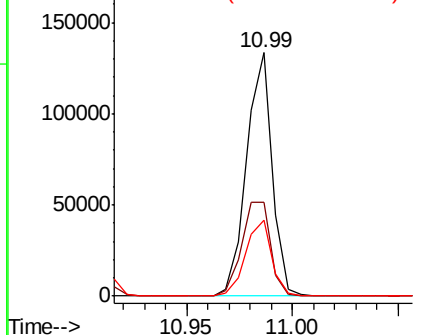
Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

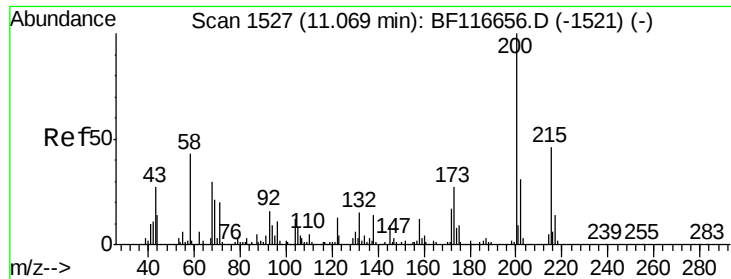


#68
 Hexachlorobenzene
 Concen: 44.798 ng
 RT: 10.99 min Scan# 1513
 Delta R.T. 0.00 min
 Lab File: BF116864.D
 Acq: 6 Sep 2019 16:20

Tgt Ion:	284	Resp:	113055
Ion Ratio	Lower	Upper	
284	100		
142	38.3	34.0	51.0
249	31.4	26.4	39.6

Abundance Ion 283.80 (283.50 to 284.50): E
 Ion 142.00 (141.70 to 142.70): E
 Ion 249.00 (248.70 to 249.70): E





#69

Atrazine

Concen: 46.595 ng

RT: 11.06 min Scan# 1526

Delta R.T. -0.01 min

Lab File: BF116864.D

Acq: 6 Sep 2019 16:20

Instrument :

BNA_F

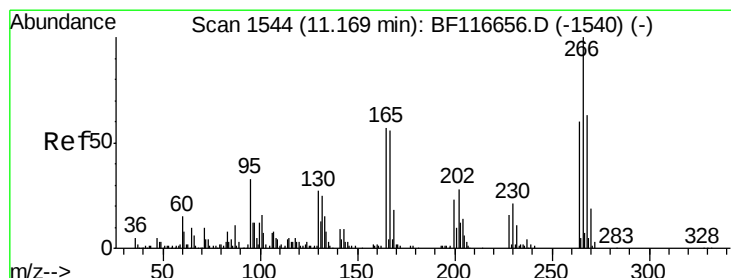
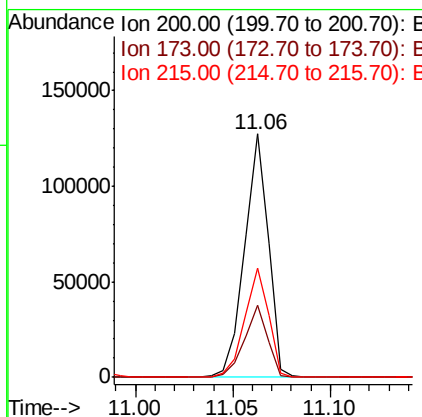
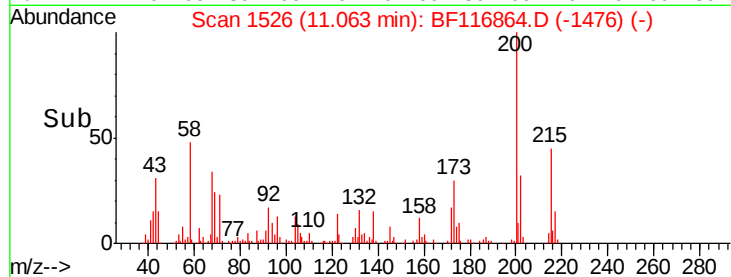
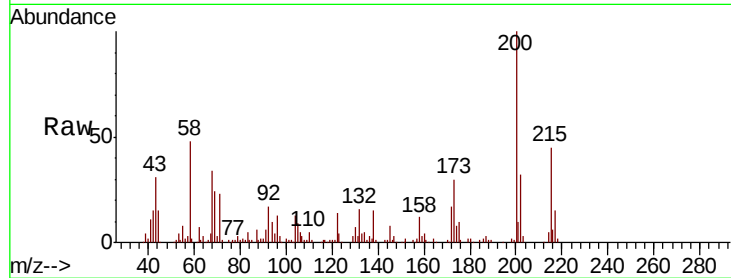
ClientSampleId :

TP-6MS

Tot Ion:	200	Resp:	107192
Ion Ratio	Lower	Upper	
200	100		
173	29.6	6.2	46.2
215	44.7	24.3	64.3

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#70

Pentachlorophenol

Concen: 84.950 ng

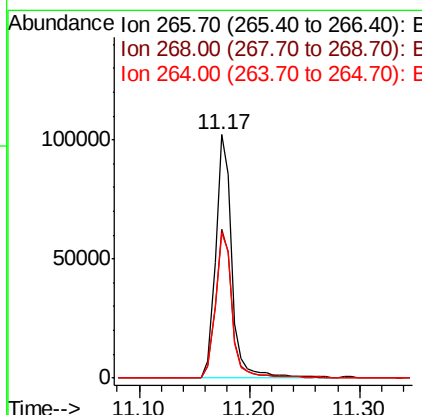
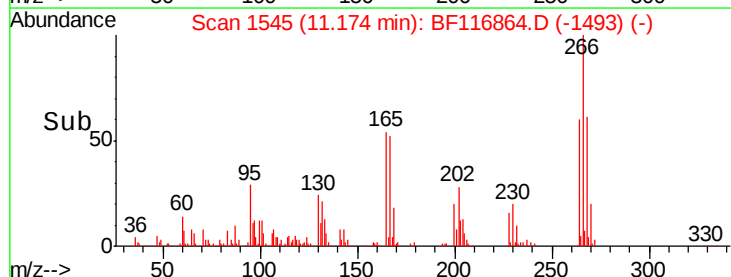
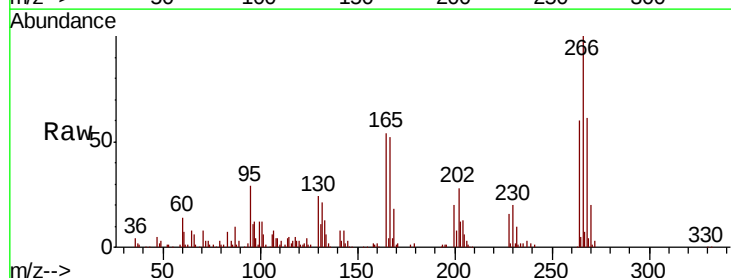
RT: 11.17 min Scan# 1545

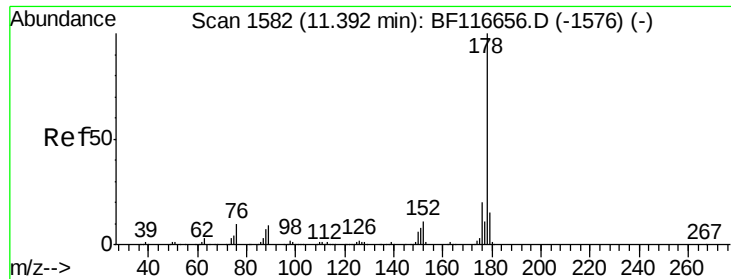
Delta R.T. 0.01 min

Lab File: BF116864.D

Acq: 6 Sep 2019 16:20

Tgt Ion:	266	Resp:	103708
Ion Ratio	Lower	Upper	
266	100		
268	61.1	51.2	76.8
264	59.7	51.9	77.9





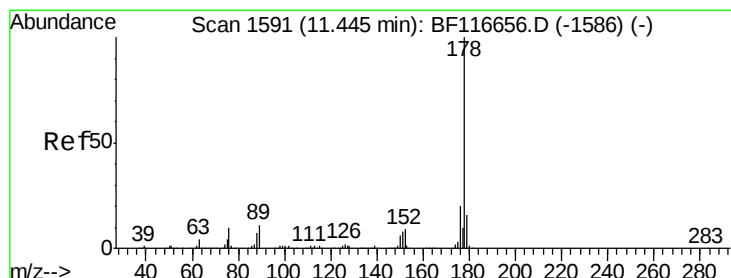
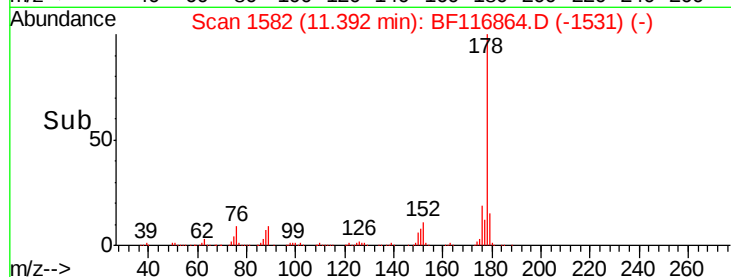
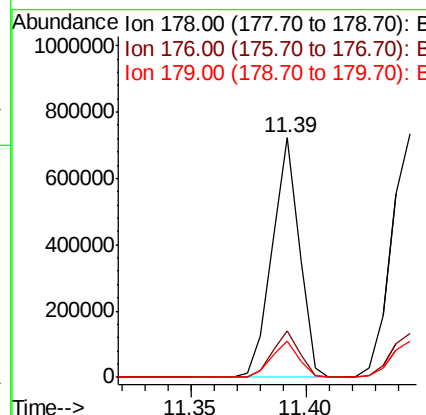
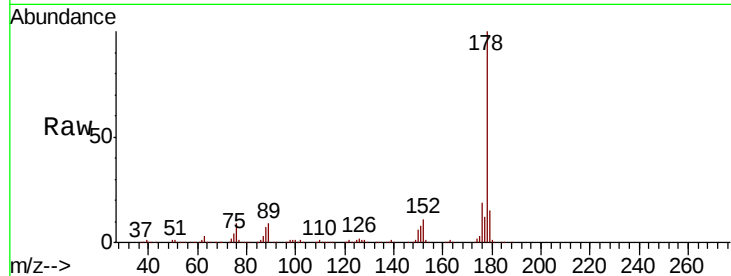
#71
Phenanthrene
Concen: 45.034 ng
RT: 11.39 min Scan# 1582
Delta R.T. 0.00 min
Lab File: BF116864.D
Acq: 6 Sep 2019 16:20

Instrument :
BNA_F
ClientSampleID :
TP-6MS

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.3	15.4	23.0
179	15.1	12.2	18.2

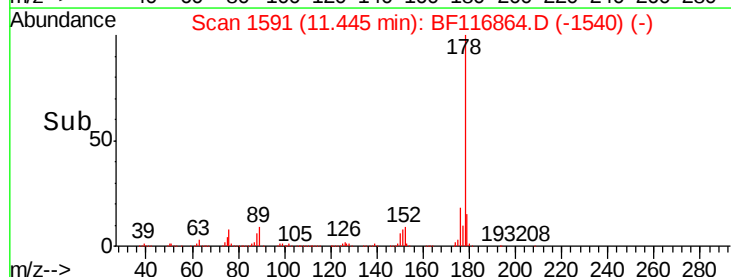
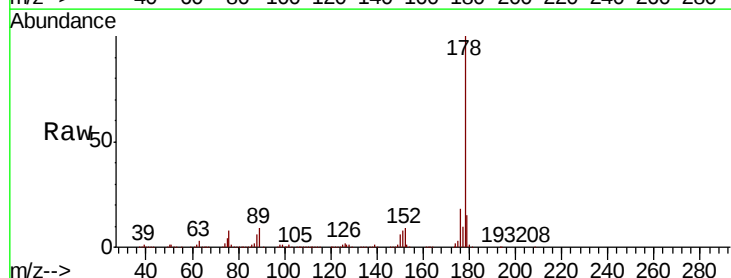
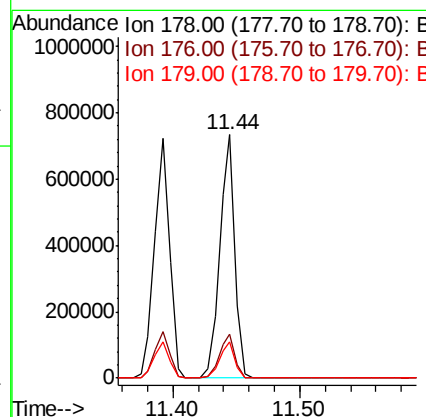
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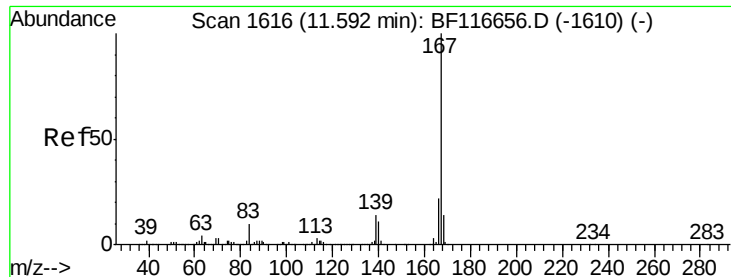
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#72
Anthracene
Concen: 46.281 ng
RT: 11.44 min Scan# 1591
Delta R.T. 0.00 min
Lab File: BF116864.D
Acq: 6 Sep 2019 16:20

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.2	15.4	23.0
179	14.9	12.5	18.7





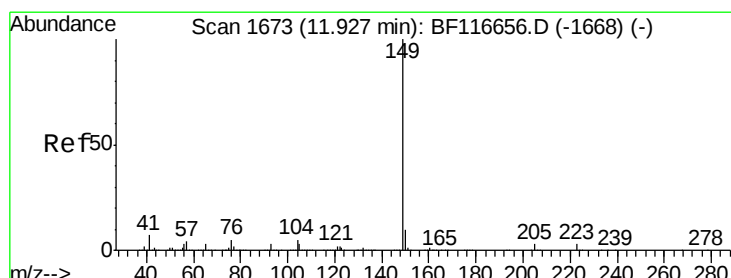
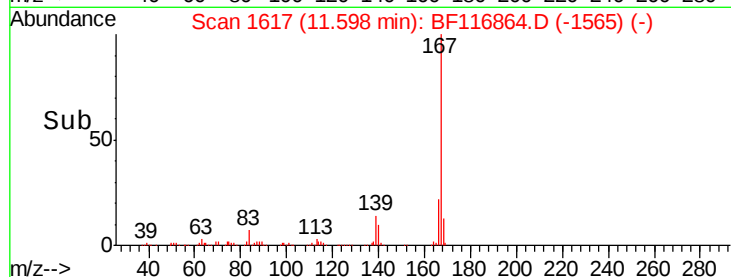
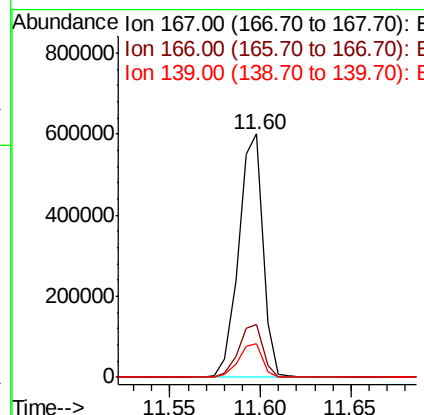
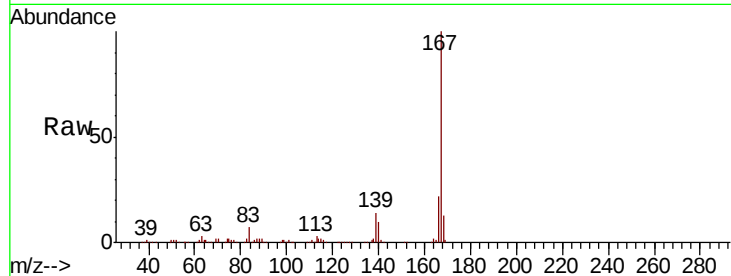
#73
 Carbazole
 Concen: 44.248 ng
 RT: 11.60 min Scan# 1617
 Delta R.T. 0.01 min
 Lab File: BF116864.D
 Acq: 6 Sep 2019 16:20

Instrument :
 BNA_F
 ClientSampleId :
 TP-6MS

Tot Ion:	167	Resp:	560804
Ion Ratio	Lower	Upper	
167	100		
166	21.7	17.8	26.6
139	13.9	11.1	16.7

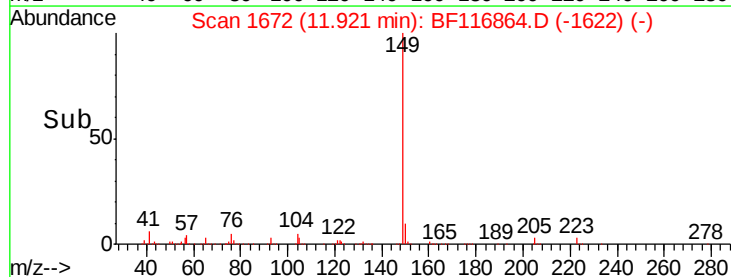
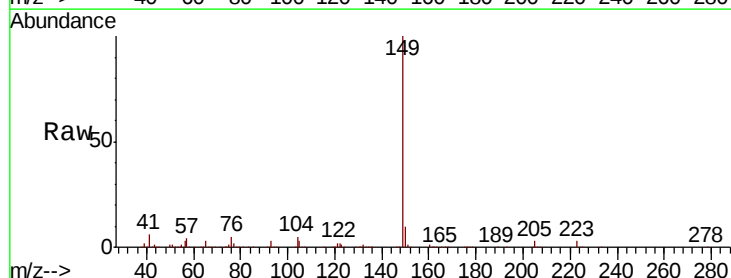
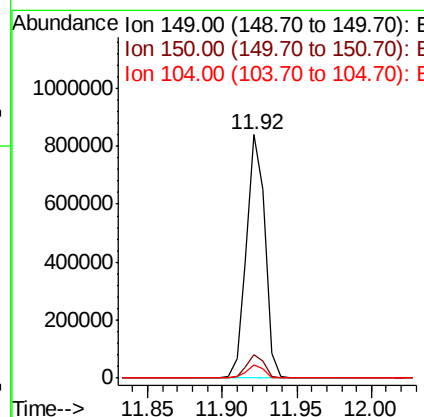
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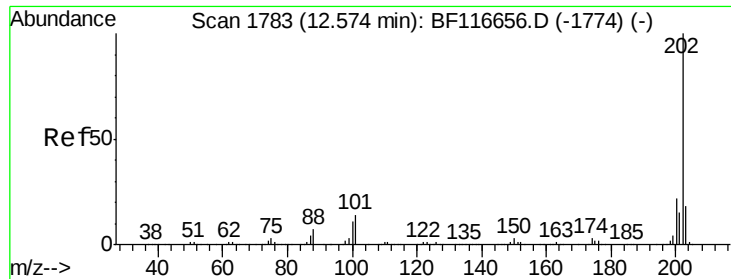
mohammad
 9/12/2019 9:23:40 AM



#74
 Di-n-butylphthalate
 Concen: 44.485 ng
 RT: 11.92 min Scan# 1672
 Delta R.T. -0.01 min
 Lab File: BF116864.D
 Acq: 6 Sep 2019 16:20

Tgt Ion:	149	Resp:	722778
Ion Ratio	Lower	Upper	
149	100		
150	9.6	7.2	10.8
104	5.4	4.2	6.2





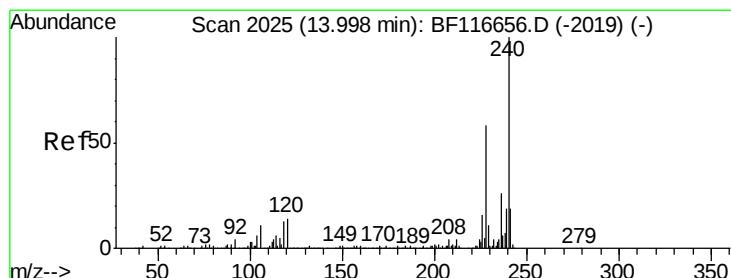
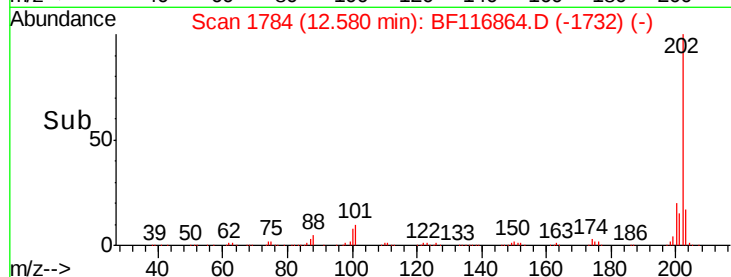
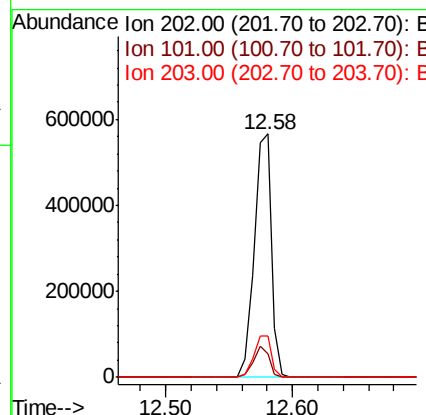
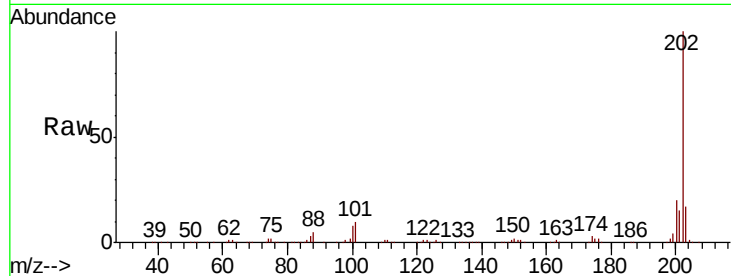
#75
 Fluoranthene
 Concen: 41.387 ng
 RT: 12.58 min Scan# 1784
 Delta R.T. 0.01 min
 Lab File: BF116864.D
 Acq: 6 Sep 2019 16:20

Instrument :
 BNA_F
 ClientSampleId :
 TP-6MS

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	9.8	0.0	31.3
203	17.2	0.0	37.6

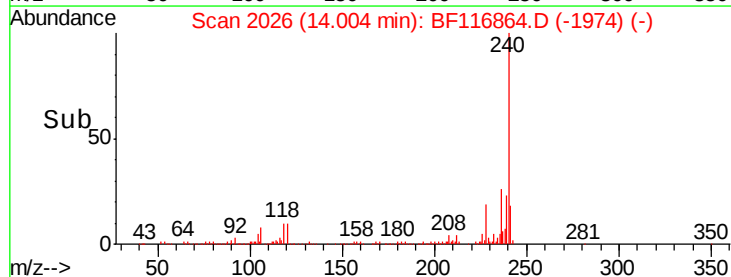
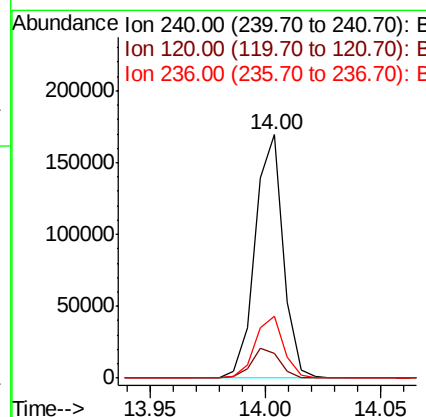
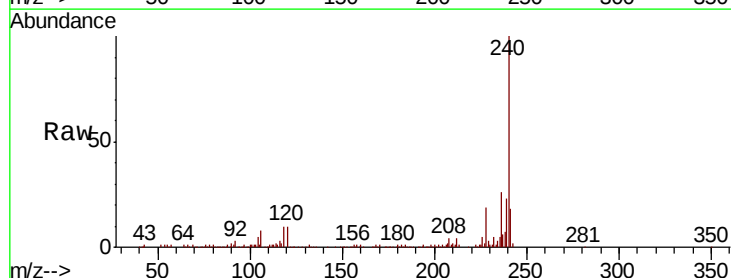
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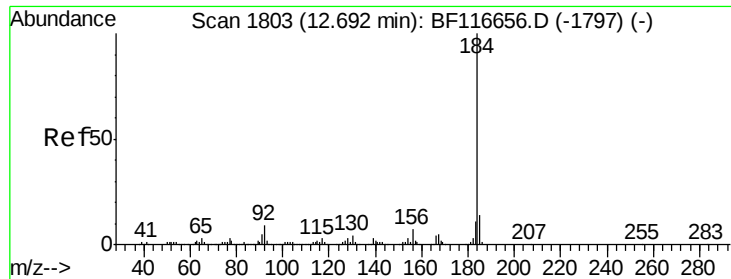
mohammad
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#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.00 min Scan# 2026
 Delta R.T. 0.01 min
 Lab File: BF116864.D
 Acq: 6 Sep 2019 16:20

Tgt Ion	Ratio	Resp Lower	Upper
240	100		
120	10.4	9.1	13.7
236	25.6	21.1	31.7





#77

Benzidine

Concen: 41.295 ng

RT: 12.69 min Scan# 1803

Delta R.T. 0.00 min

Lab File: BF116864.D

Acq: 6 Sep 2019 16:20

Instrument :

BNA_F

ClientSampleId :

TP-6MS

Tot Ion:184 Resp: 233540

Ion Ratio Lower Upper

184 100

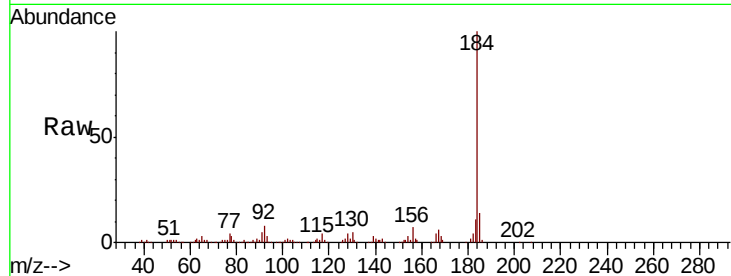
185 14.1 11.3 16.9

183 11.0 9.2 13.8

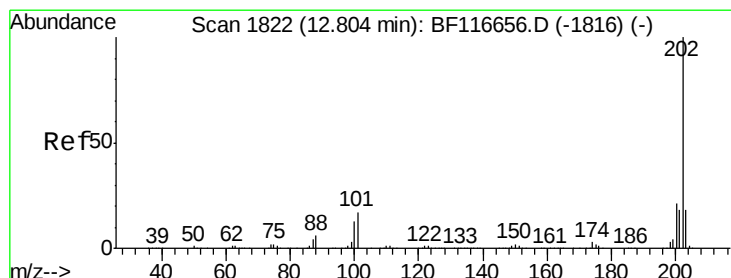
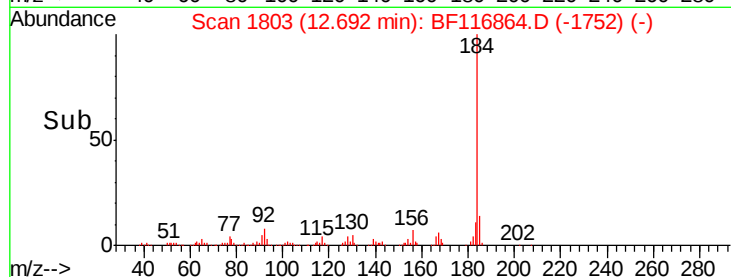
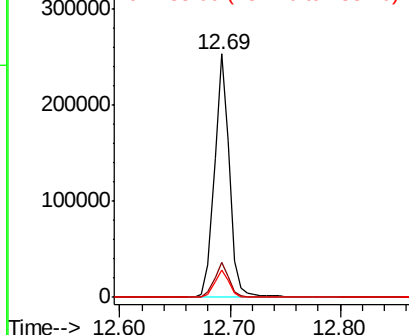
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Abundance Ion 184.00 (183.70 to 184.70): E
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 42.083 ng

RT: 12.80 min Scan# 1822

Delta R.T. 0.00 min

Lab File: BF116864.D

Acq: 6 Sep 2019 16:20

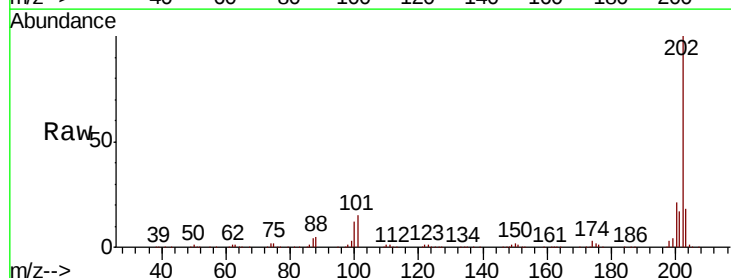
Tgt Ion:202 Resp: 539394

Ion Ratio Lower Upper

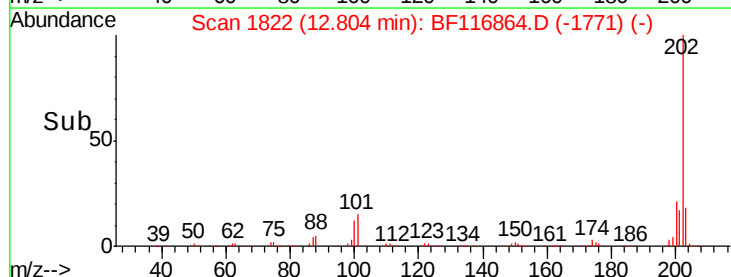
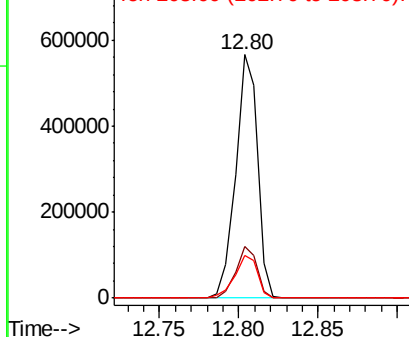
202 100

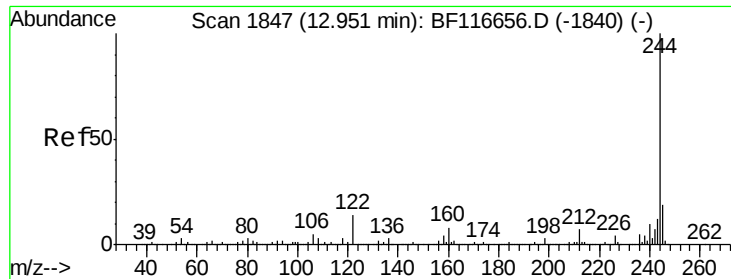
200 21.0 16.5 24.7

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





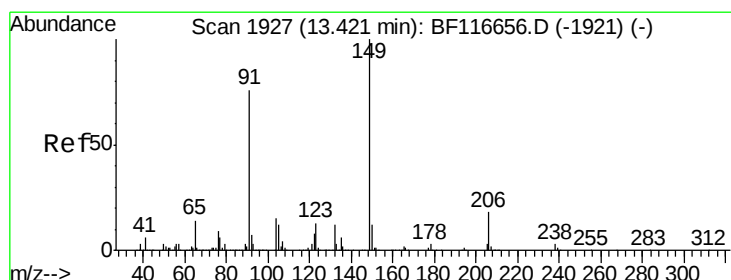
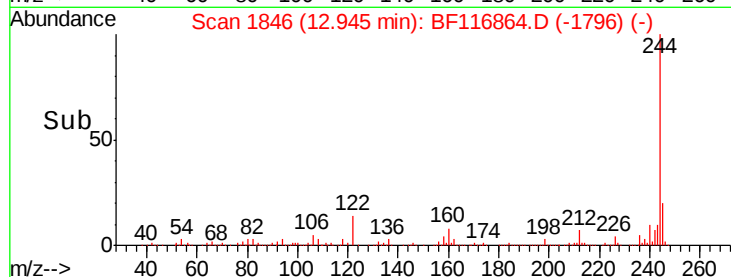
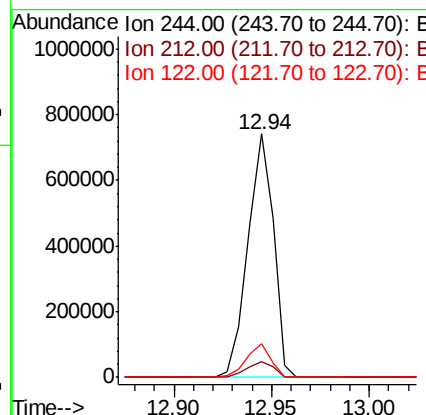
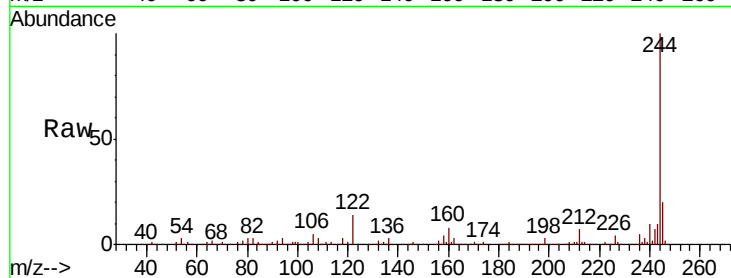
#79
 Terphenyl-d14
 Concen: 86.597 ng
 RT: 12.94 min Scan# 1846
 Delta R.T. -0.01 min
 Lab File: BF116864.D
 Acq: 6 Sep 2019 16:20

Instrument :
 BNA_F
 ClientSampled :
 TP-6MS

Tot Ion	Ratio	Resp Lower	Upper
244	100		
212	6.7	6.1	9.1
122	13.6	10.2	15.4

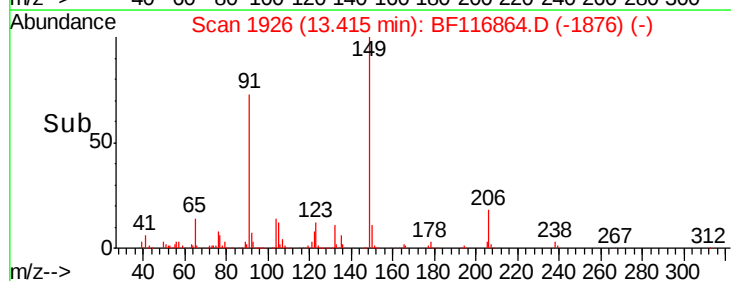
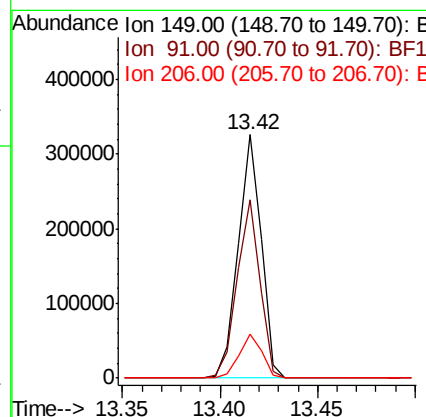
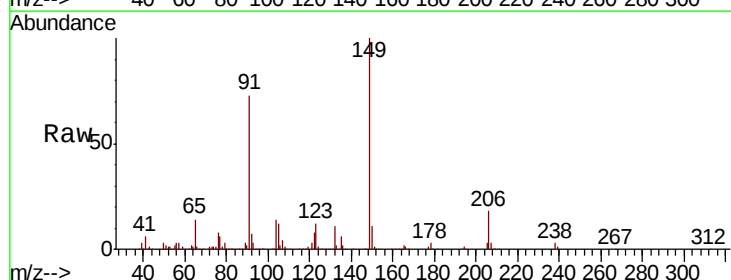
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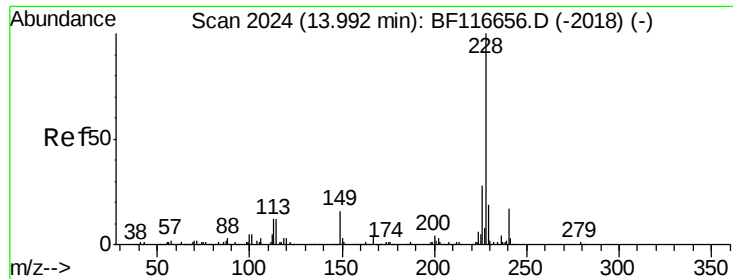
mohammad
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#80
 Butylbenzylphthalate
 Concen: 42.748 ng
 RT: 13.42 min Scan# 1926
 Delta R.T. -0.01 min
 Lab File: BF116864.D
 Acq: 6 Sep 2019 16:20

Tgt Ion	Ratio	Resp Lower	Upper
149	100		
91	73.2	61.0	91.4
206	17.8	14.8	22.2





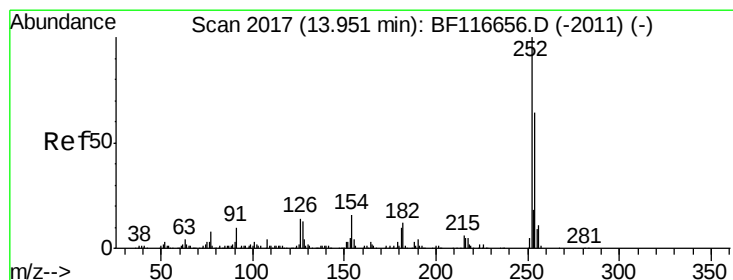
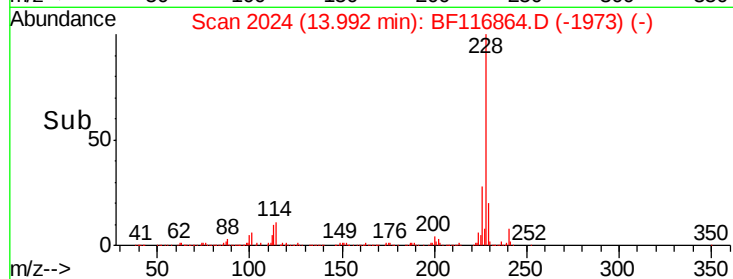
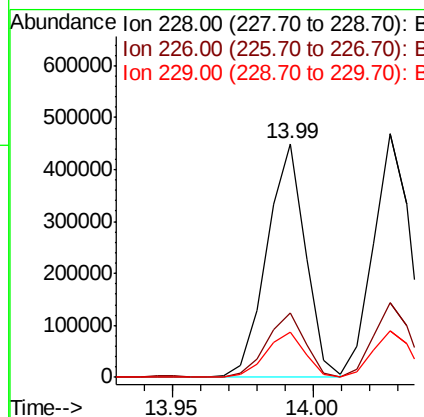
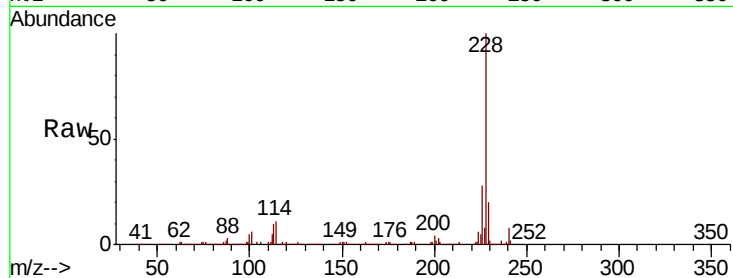
#81
Benzo(a)anthracene
Concen: 46.556 ng
RT: 13.99 min Scan# 2024
Delta R.T. 0.00 min
Lab File: BF116864.D
Acq: 6 Sep 2019 16:20

Instrument :
BNA_F
ClientSampleId :
TP-6MS

Tot Ion	Ratio	Lower	Upper
228	100		
226	27.7	22.0	33.0
229	19.6	16.4	24.6

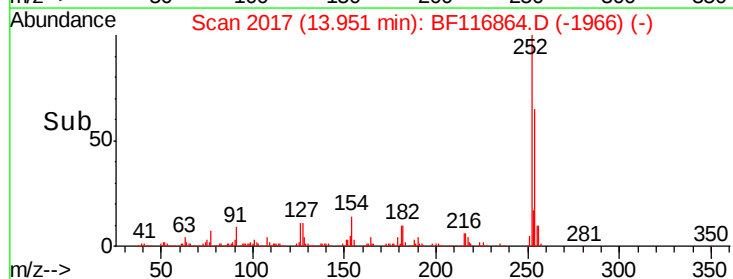
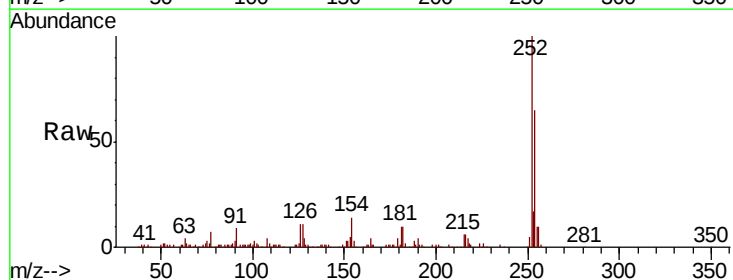
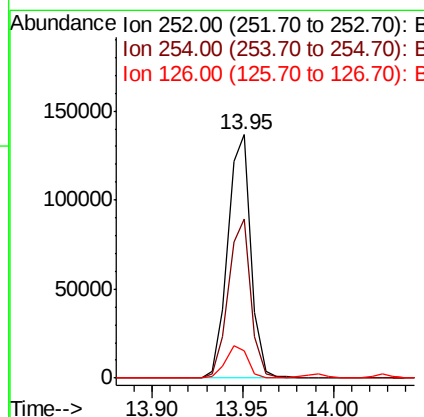
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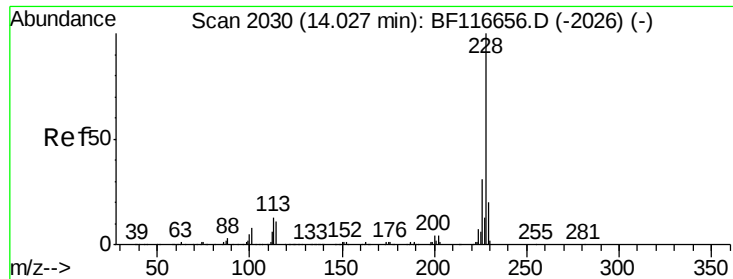
mohammad
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#82
3,3'-Dichlorobenzidine
Concen: 39.458 ng
RT: 13.95 min Scan# 2017
Delta R.T. 0.00 min
Lab File: BF116864.D
Acq: 6 Sep 2019 16:20

Tgt Ion	Ratio	Lower	Upper
252	100		
254	65.3	50.1	75.1
126	11.2	10.6	16.0





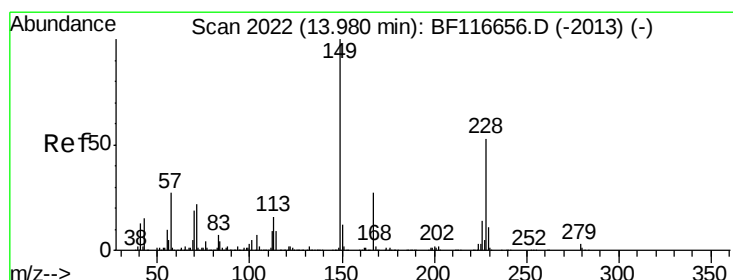
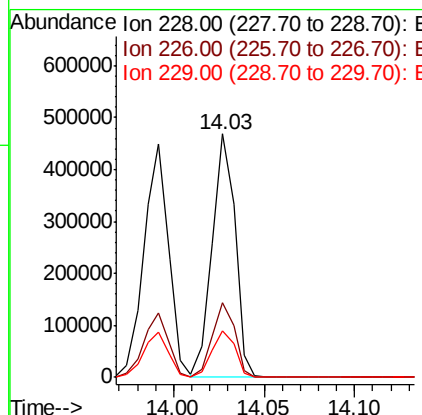
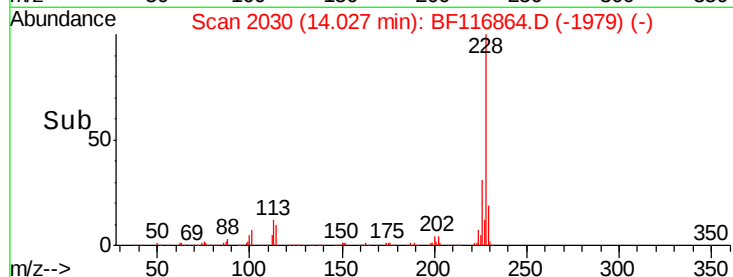
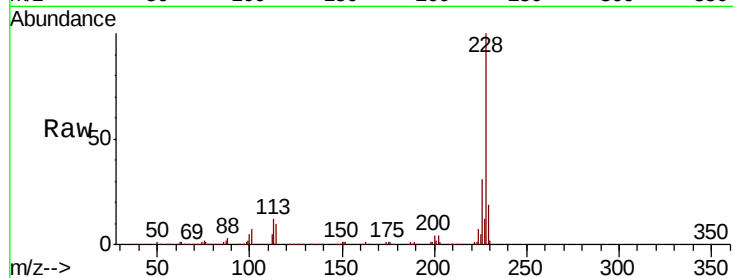
#83
Chrysene
Concen: 43.854 ng
RT: 14.03 min Scan# 2030
Delta R.T. 0.00 min
Lab File: BF116864.D
Acq: 6 Sep 2019 16:20

Instrument :
BNA_F
ClientSampleId :
TP-6MS

Tot Ion	Ratio	Lower	Upper
228	100		
226	30.8	24.0	36.0
229	19.1	15.4	23.0

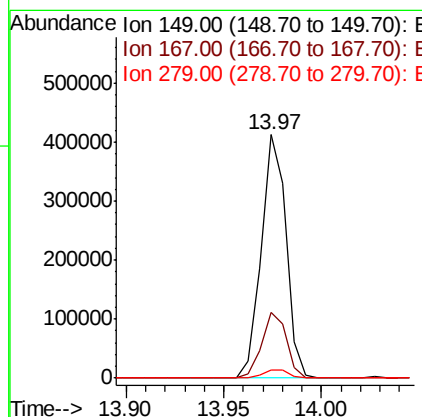
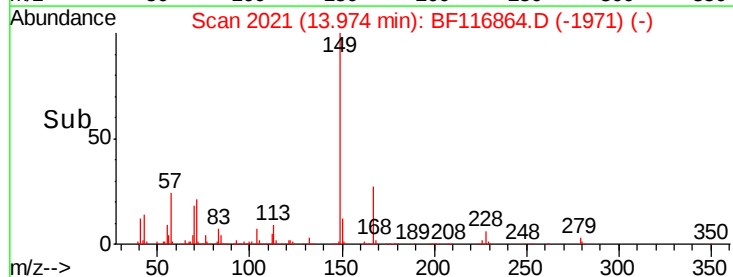
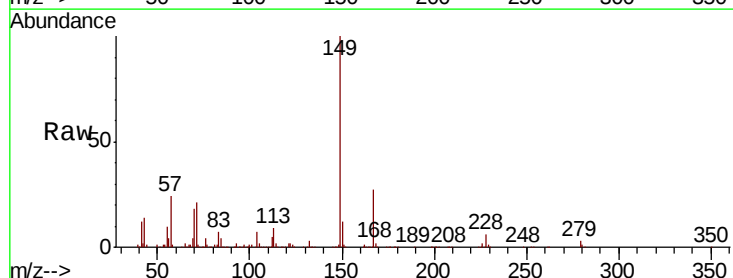
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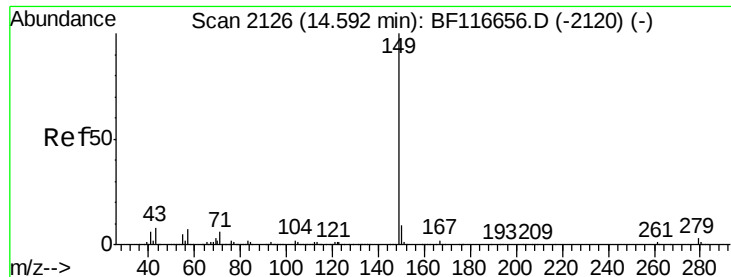
mohammad
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#84
Bis(2-ethylhexyl)phthalate
Concen: 47.224 ng
RT: 13.97 min Scan# 2021
Delta R.T. -0.01 min
Lab File: BF116864.D
Acq: 6 Sep 2019 16:20

Tgt Ion	Ratio	Lower	Upper
149	100		
167	27.0	21.0	31.4
279	3.2	2.8	4.2





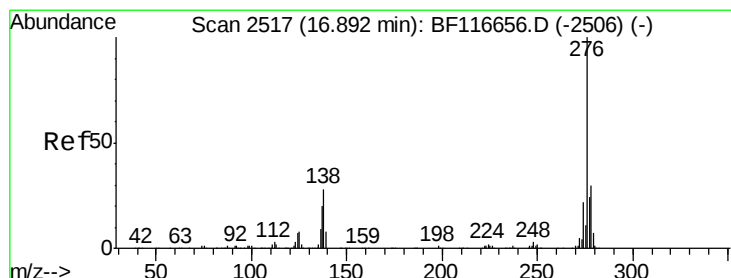
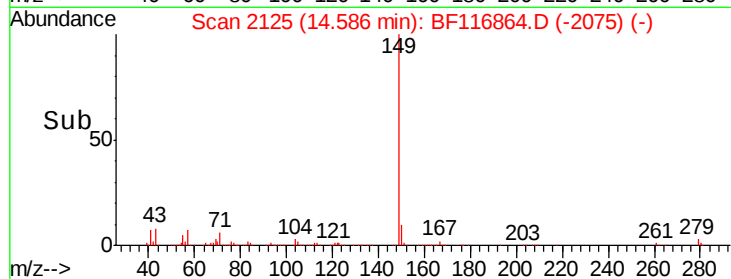
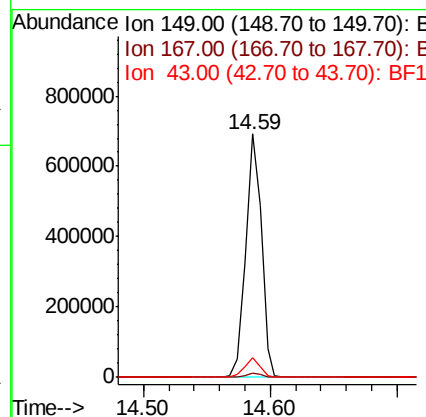
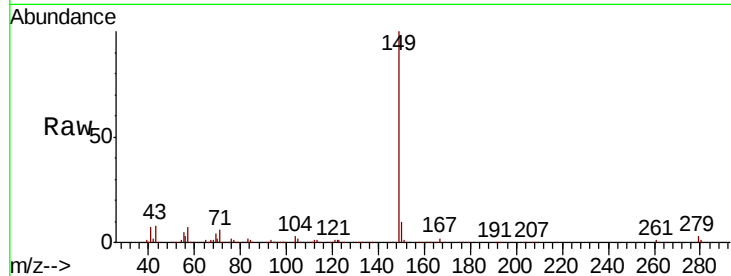
#85
Di-n-octyl phthalate
Concen: 46.514 ng
RT: 14.59 min Scan# 2125
Delta R.T. -0.01 min
Lab File: BF116864.D
Acq: 6 Sep 2019 16:20

Instrument :
BNA_F
ClientSampleId :
TP-6MS

Tot Ion	Ratio	Resp	Lower	Upper
149	100	585674		
167	1.5		1.3	1.9
43	7.8		7.8	11.8#

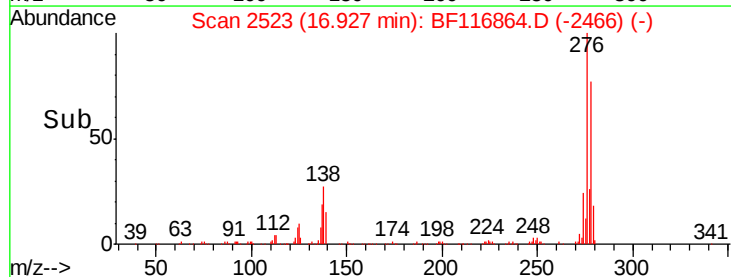
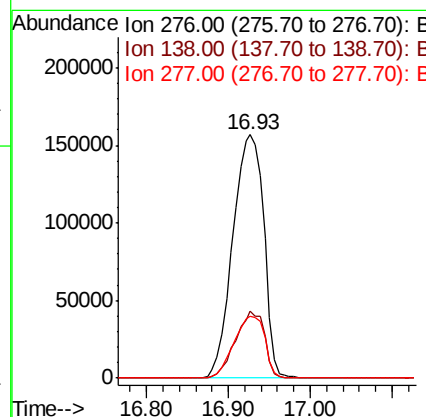
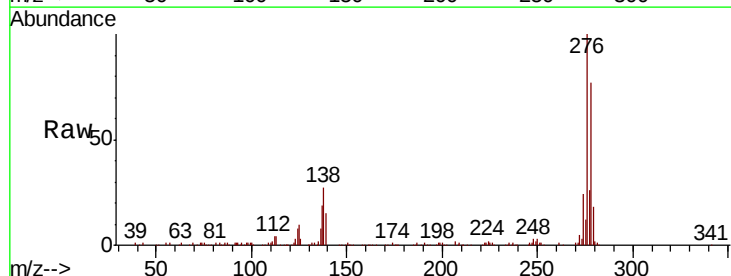
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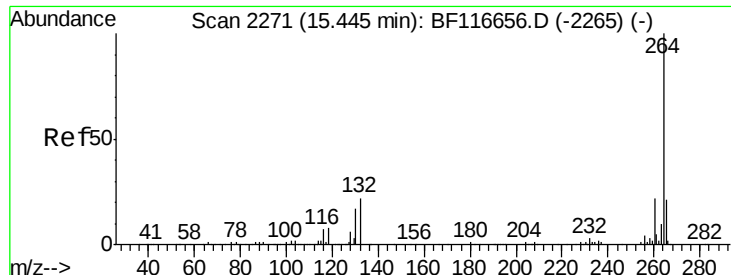
mohammad
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#86
Indeno(1,2,3-cd)pyrene
Concen: 54.660 ng
RT: 16.93 min Scan# 2523
Delta R.T. 0.04 min
Lab File: BF116864.D
Acq: 6 Sep 2019 16:20

Tgt Ion	Ratio	Resp	Lower	Upper
276	100	412772		
138	25.9		19.4	29.2
277	25.4		20.5	30.7





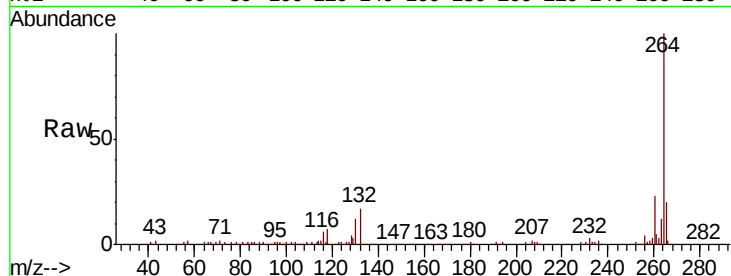
#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.46 min Scan# 2274
Delta R.T. 0.02 min
Lab File: BF116864.D
Acq: 6 Sep 2019 16:20

Instrument :
BNA_F
ClientSampleId :
TP-6MS

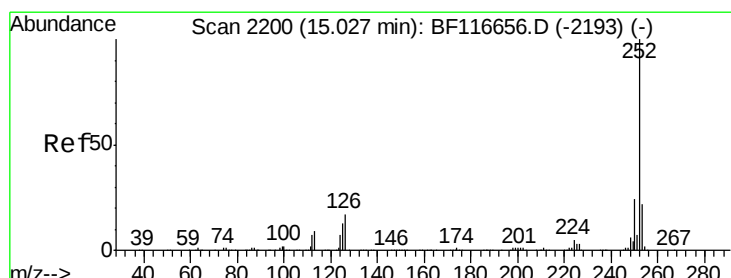
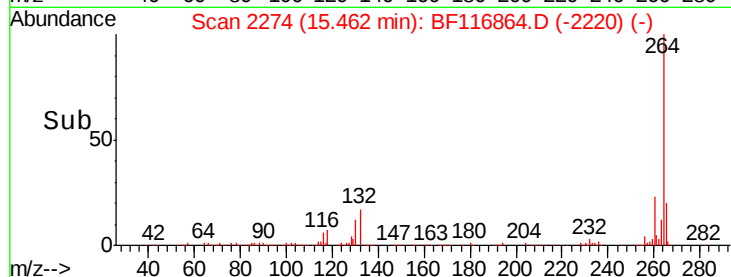
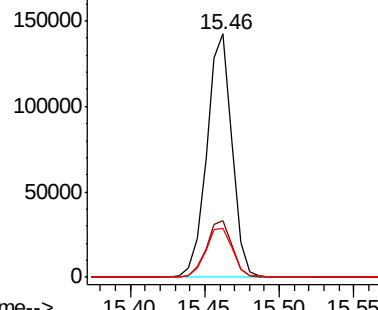
Tot Ion	Ratio	Lower	Upper
264	100		
260	23.2	18.3	27.5
265	20.2	16.5	24.7

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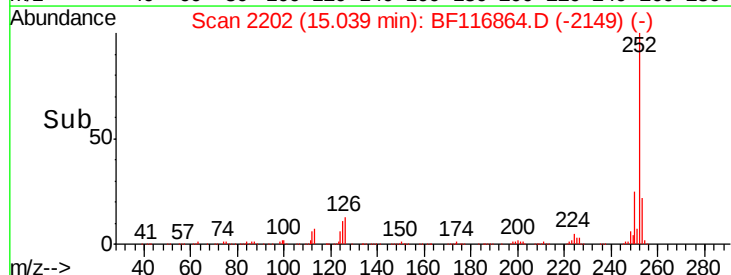
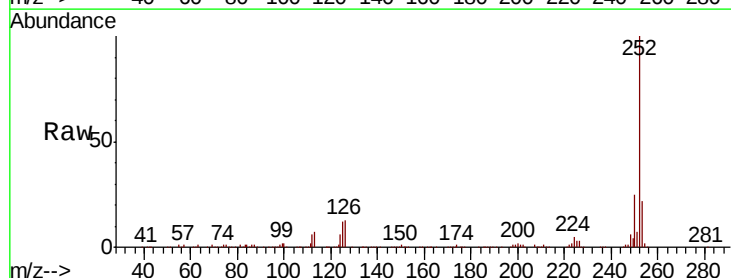
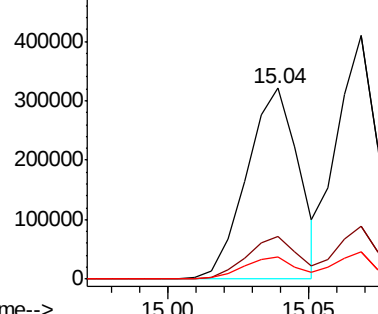
Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

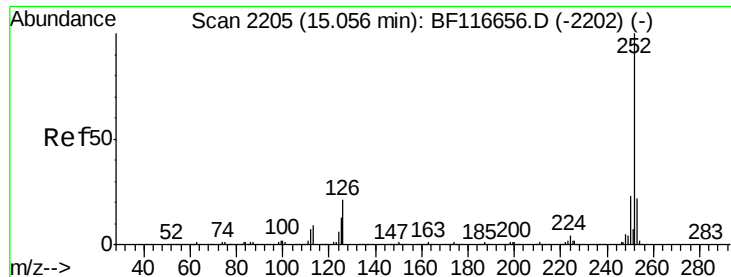


#88
Benzo(b)fluoranthene
Concen: 40.553 ng
RT: 15.04 min Scan# 2202
Delta R.T. 0.01 min
Lab File: BF116864.D
Acq: 6 Sep 2019 16:20

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.7	26.5
125	11.6	8.2	12.2

Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E





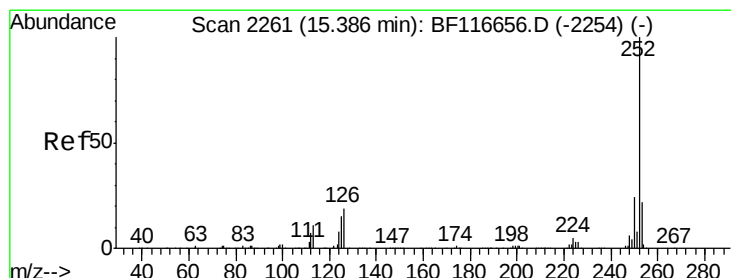
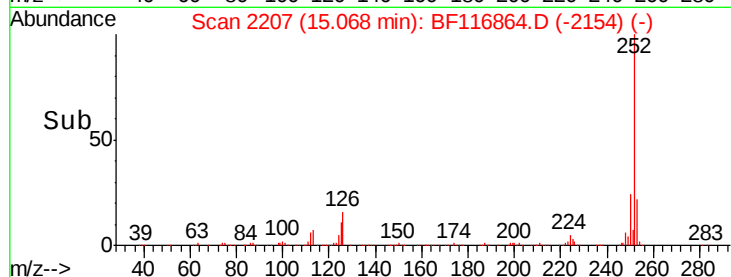
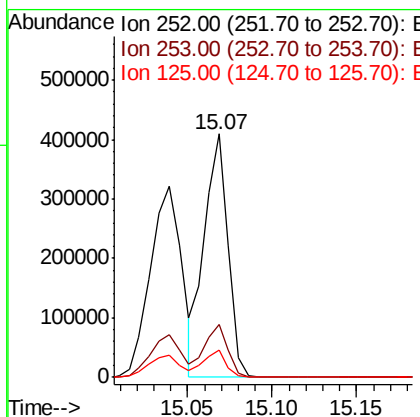
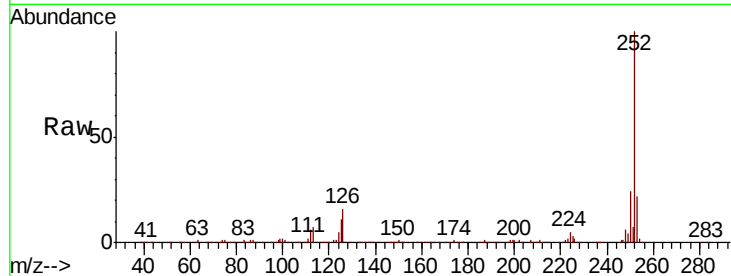
#89
Benzo(k)fluoranthene
Concen: 43.293 ng
RT: 15.07 min Scan# 2207
Delta R.T. 0.01 min
Lab File: BF116864.D
Acq: 6 Sep 2019 16:20

Instrument :
BNA_F
ClientSampled :
TP-6MS

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.7	17.7	26.5
125	11.1	8.6	13.0

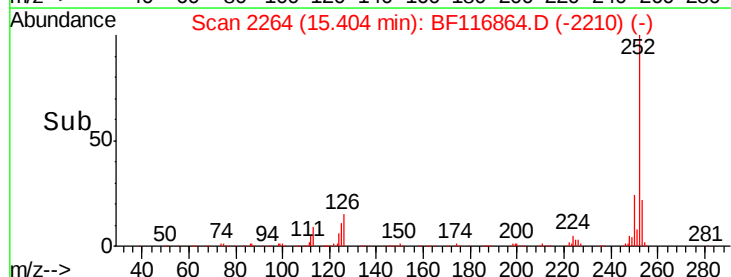
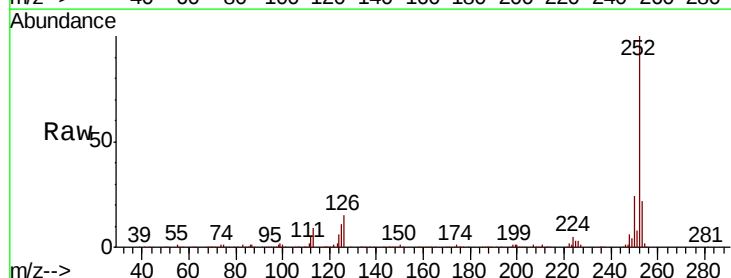
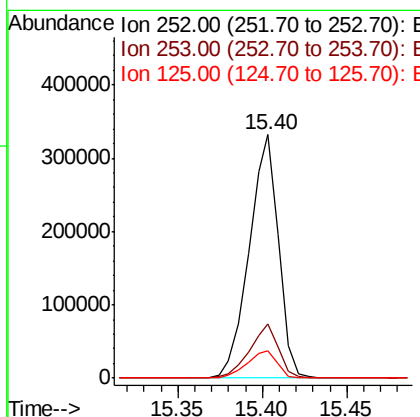
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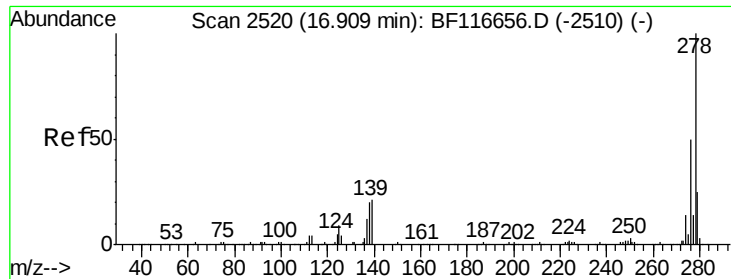
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9/12/2019 9:23:40 AM



#90
Benzo(a)pyrene
Concen: 45.429 ng
RT: 15.40 min Scan# 2264
Delta R.T. 0.02 min
Lab File: BF116864.D
Acq: 6 Sep 2019 16:20

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.4	18.1	27.1
125	11.4	9.8	14.8





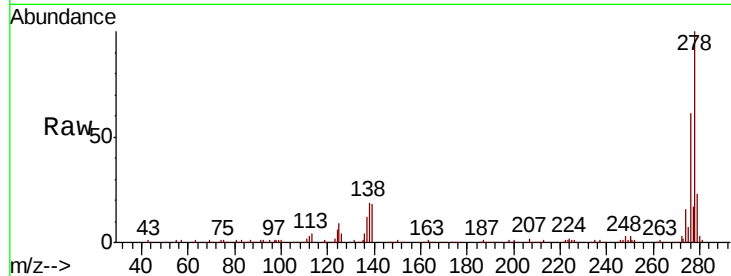
#91
Dibenzo(a,h)anthracene
Concen: 44.757 ng
RT: 16.94 min Scan# 2525
Delta R.T. 0.03 min
Lab File: BF116864.D
Acq: 6 Sep 2019 16:20

Instrument :
BNA_F
ClientSampleId :
TP-6MS

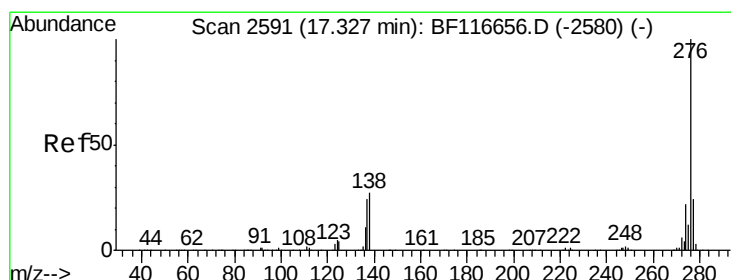
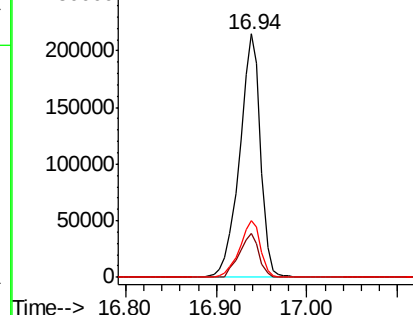
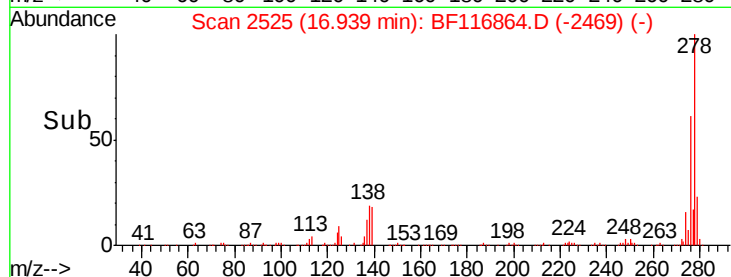
Tot Ion	Ratio	Lower	Upper
278	100		
139	18.2	12.4	18.6
279	23.5	18.2	27.4

Manual Integrations
APPROVED

mohammad
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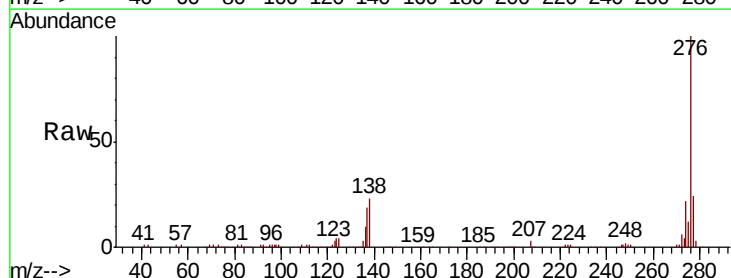


Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#92
Benzo(g,h,i)perylene
Concen: 39.629 ng
RT: 17.37 min Scan# 2598
Delta R.T. 0.04 min
Lab File: BF116864.D
Acq: 6 Sep 2019 16:20

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.6	18.5	27.7
138	22.6	16.2	24.2



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

