

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080119\
 Data File : BF115904.D
 Acq On : 1 Aug 2019 13:39
 Operator : HP/JU
 Sample : K4021-13MSD
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-8-AMSD

Manual Integrations
 APPROVED

mohammad
 8/5/2019 1:47:58 PM

Quant Time: Aug 01 18:21:13 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF073019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 31 15:31:51 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	134798	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	514886	20.00	ng	0.00
39) Acenaphthene-d10	9.90	164	271102	20.00	ng	0.00
64) Phenanthrene-d10	11.39	188	444862	20.00	ng	0.00
76) Chrysene-d12	14.03	240	298879	20.00	ng	0.00
87) Perylene-d12	15.50	264	353682	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.49	112	999807	124.17	ng	0.02
7) Phenol-d6	6.50	99	1340571	131.96	ng	0.01
23) Nitrobenzene-d5	7.42	82	854540	95.80	ng	0.00
42) 2,4,6-Tribromophenol	10.69	330	335983	127.83	ng	0.00
45) 2-Fluorobiphenyl	9.22	172	1394427	96.34	ng	0.00
79) Terphenyl-d14	12.97	244	1276783	90.02	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.66	88	141933	34.891	ng	99
3) Pyridine	3.43	79	375411	33.037	ng	98
4) n-Nitrosodimethylamine	3.36	42	174787	38.977	ng	99
6) Aniline	6.52	93	332699	22.867	ng	# 86
8) 2-Chlorophenol	6.65	128	374180	42.024	ng	99
9) Benzaldehyde	6.40	77	219589	31.326	ng	99
10) Phenol	6.51	94	496563	41.506	ng	92
11) bis(2-Chloroethyl)ether	6.59	93	354046	40.252	ng	98
12) 1,3-Dichlorobenzene	6.80	146	398502	38.726	ng	100
13) 1,4-Dichlorobenzene	6.87	146	404952	39.303	ng	99
14) 1,2-Dichlorobenzene	7.03	146	373651	39.384	ng	99
15) Benzyl Alcohol	7.00	79	336115	43.596	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.13	45	477174	39.773	ng	97
17) 2-Methylphenol	7.11	107	318262	42.213	ng	99
18) Hexachloroethane	7.37	117	145595	38.380	ng	98
19) n-Nitroso-di-n-propylamine	7.27	70	257937	40.972	ng	99
20) 3+4-Methylphenols	7.26	107	381787	42.791	ng	# 86
22) Acetophenone	7.26	105	505156	44.735	ng	98
24) Nitrobenzene	7.43	77	415761	43.167	ng	99
25) Isophorone	7.67	82	745139	43.687	ng	99
26) 2-Nitrophenol	7.75	139	205003	45.154	ng	99
27) 2,4-Dimethylphenol	7.79	122	332588	48.692	ng	100
28) bis(2-Chloroethoxy)methane	7.88	93	456919	43.221	ng	99
29) 2,4-Dichlorophenol	8.00	162	328216	45.509	ng	97
30) 1,2,4-Trichlorobenzene	8.08	180	347110	42.222	ng	99
31) Naphthalene	8.16	128	1076921	44.447	ng	100
32) Benzoic acid	7.92	122	123141	25.571	ng	100
33) 4-Chloroaniline	8.20	127	151933	14.034	ng	98
34) Hexachlorobutadiene	8.27	225	194564	41.088	ng	100
35) Caprolactam	8.58	113	104870m	44.959	ng	
36) 4-Chloro-3-methylphenol	8.70	107	348558	46.457	ng	96
37) 2-Methylnaphthalene	8.85	142	729863	45.739	ng	99
38) 1-Methylnaphthalene	8.95	142	679806	45.032	ng	99
40) 1,2,4,5-Tetrachlorobenzene	9.02	216	329951	45.525	ng	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.01	237	128941	42.618	ng	100
43) 2,4,6-Trichlorophenol	9.14	196	220204	44.141	ng	99
44) 2,4,5-Trichlorophenol	9.18	196	235426	45.654	ng	99
46) 1,1'-Biphenyl	9.32	154	876980	45.820	ng	100
47) 2-Chloronaphthalene	9.35	162	690788	43.364	ng	100
48) 2-Nitroaniline	9.44	65	226126	42.945	ng	92
49) Acenaphthylene	9.76	152	1060475	45.631	ng	99
50) Dimethylphthalate	9.62	163	1153789	62.506	ng	99
51) 2,6-Dinitrotoluene	9.68	165	180356	44.960	ng	89
52) Acenaphthene	9.93	154	628709	44.097	ng	100
53) 3-Nitroaniline	9.85	138	114208	23.041	ng	98
54) 2,4-Dinitrophenol	9.96	184	72741	39.983	ng	99
55) Dibenzofuran	10.10	168	948401	45.741	ng	98
56) 4-Nitrophenol	10.02	139	292033	91.972	ng	95
57) 2,4-Dinitrotoluene	10.09	165	240485	45.027	ng	98
58) Fluorene	10.45	166	725934	45.506	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.23	232	186716	43.037	ng	99
60) Diethylphthalate	10.32	149	780291	45.277	ng	99
61) 4-Chlorophenyl-phenylether	10.43	204	364582	45.127	ng	98
62) 4-Nitroaniline	10.47	138	180293	35.197	ng	97
63) Azobenzene	10.60	77	795769	44.893	ng	97
65) 4,6-Dinitro-2-methylphenol	10.50	198	66123	28.048	ng	94
66) n-Nitrosodiphenylamine	10.56	169	655369	48.945	ng	99
67) 4-Bromophenyl-phenylether	10.93	248	219808	46.156	ng	93
68) Hexachlorobenzene	11.00	284	239776	43.542	ng	95
69) Atrazine	11.08	200	204528	46.431	ng	100
70) Pentachlorophenol	11.20	266	214832	80.355	ng	98
71) Phenanthrene	11.41	178	1053303	46.315	ng	99
72) Anthracene	11.46	178	1056902	45.920	ng	99
73) Carbazole	11.62	167	929609	44.519	ng	99
74) Di-n-butylphthalate	11.94	149	1169107	47.995	ng	100
75) Fluoranthene	12.60	202	1012028	42.506	ng	98
77) Benzidine	12.72	184	445600	44.130	ng	96
78) Pyrene	12.83	202	1008090	44.744	ng	100
80) Butylbenzylphthalate	13.44	149	427173	44.823	ng	100
81) Benzo(a)anthracene	14.02	228	850466	44.519	ng	99
82) 3,3'-Dichlorobenzidine	13.97	252	282306	42.536	ng	98
83) Chrysene	14.06	228	826547	44.567	ng	100
84) Bis(2-ethylhexyl)phthalate	14.00	149	589018	47.561	ng	99
85) Di-n-octyl phthalate	14.61	149	997386	50.703	ng	99
86) Indeno(1,2,3-cd)pyrene	16.99	276	853133	54.769	ng	98
88) Benzo(b)fluoranthene	15.07	252	914106	44.699	ng	98
89) Benzo(k)fluoranthene	15.10	252	845314	42.438	ng	99
90) Benzo(a)pyrene	15.44	252	849490	46.468	ng	98
91) Dibenzo(a,h)anthracene	17.00	278	710633	44.908	ng	98
92) Benzo(g,h,i)perylene	17.43	276	667677	42.963	ng	98

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

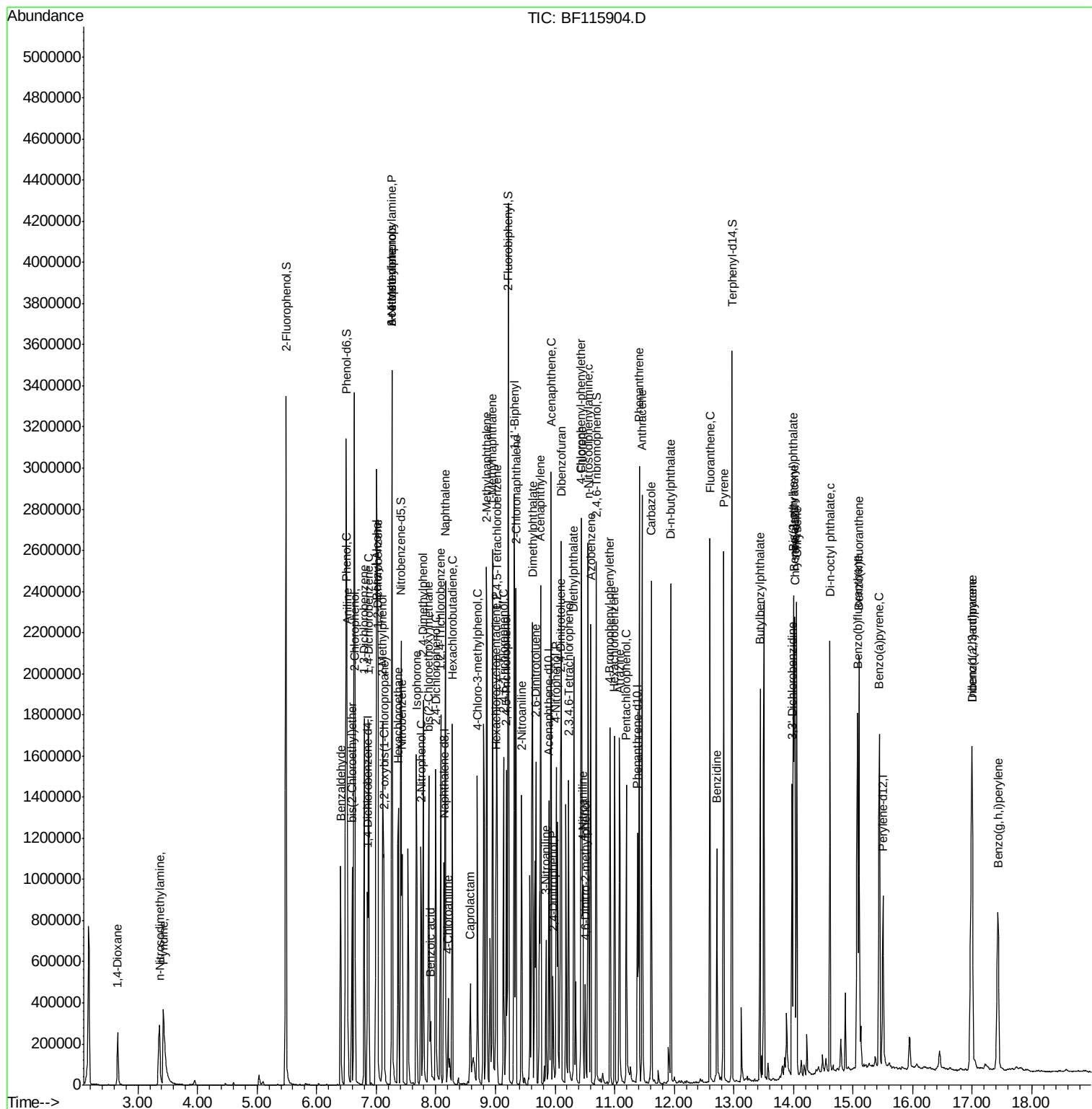
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080119\
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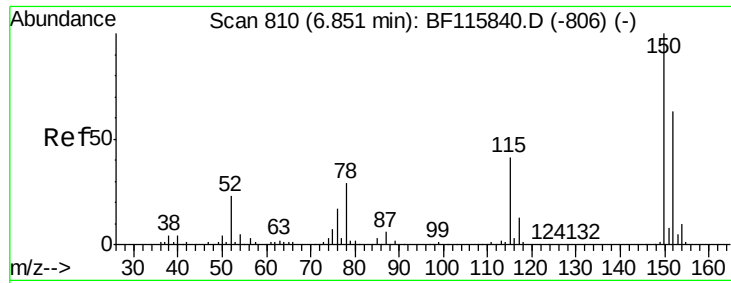
Instrument :
BNA_F
ClientSampled :
TP-8-AMSD

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#1

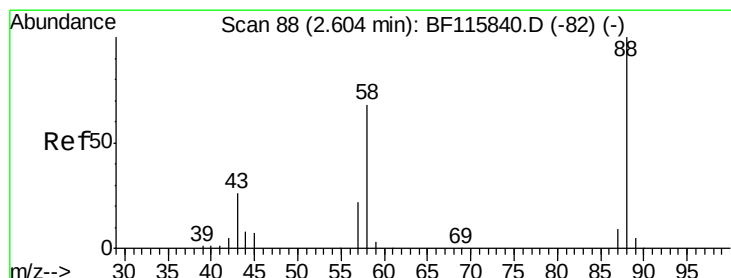
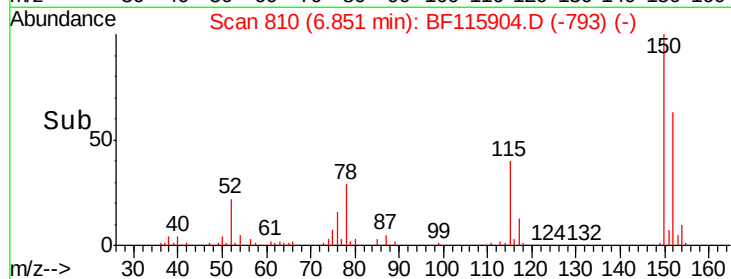
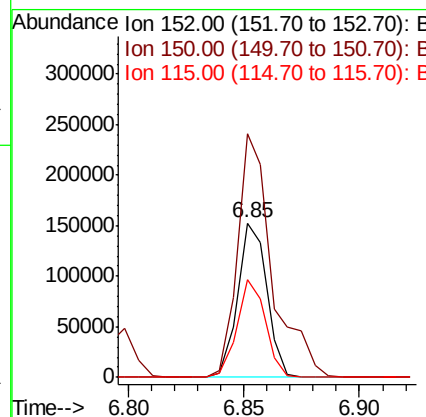
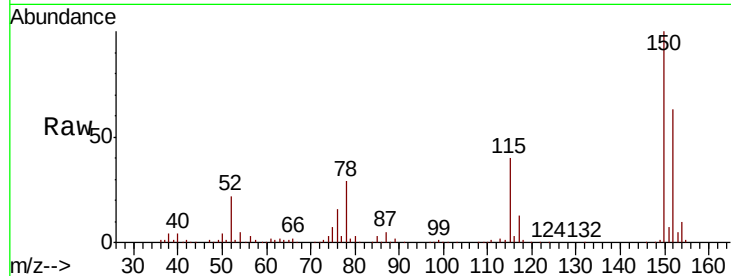
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.85 min Scan# 810
Delta R.T. 0.00 min
Lab File: BF115904.D
Acq: 1 Aug 2019 13:39

Instrument :
BNA_F
ClientSampleId :
TP-8-AMSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.6	127.4	191.0
115	63.2	51.8	77.8

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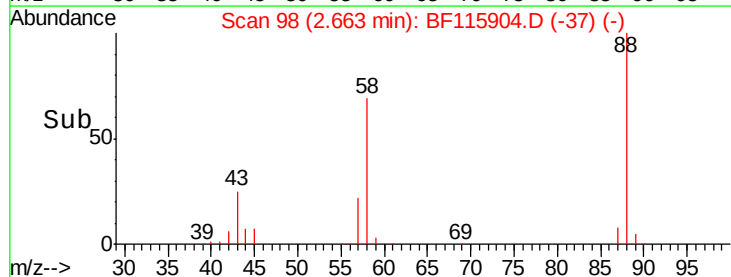
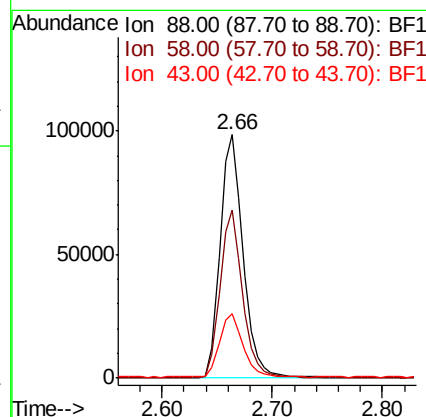
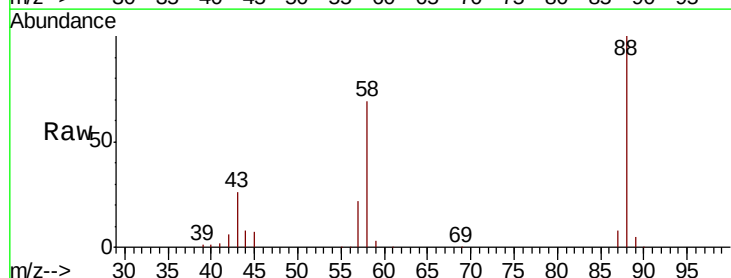
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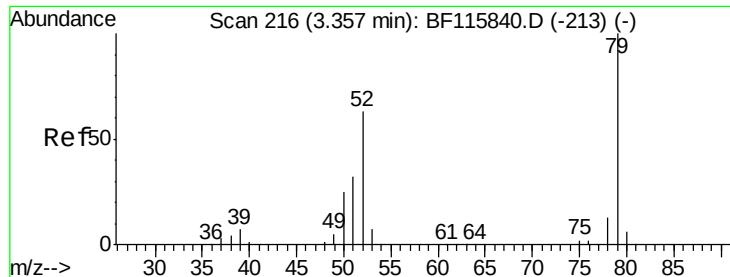


#2

1,4-Dioxane
Concen: 34.891 ng
RT: 2.66 min Scan# 98
Delta R.T. 0.06 min
Lab File: BF115904.D
Acq: 1 Aug 2019 13:39

Tgt Ion	Ratio	Lower	Upper
88	100		
58	67.6	54.1	81.1
43	27.0	20.7	31.1





#3

Pvridine

Concen: 33.037 ng

RT: 3.43 min Scan# 228

Delta R.T. 0.07 min

Lab File: BF115904.D

Acq: 1 Aug 2019 13:39

Instrument :

BNA_F

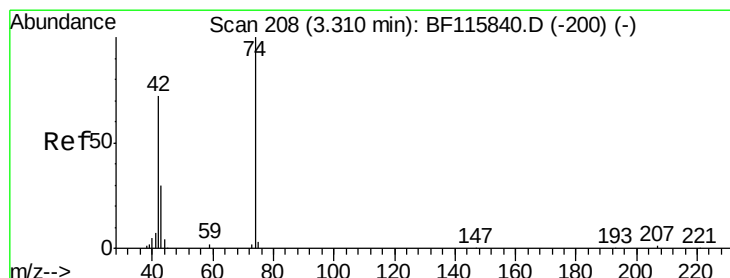
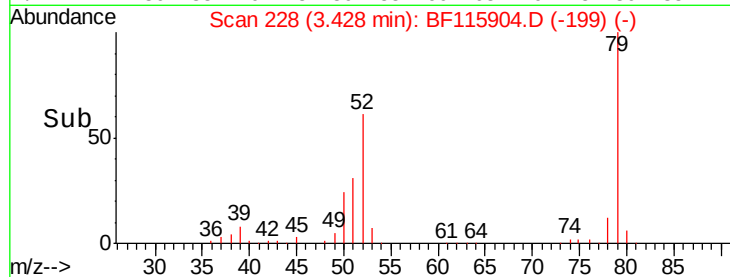
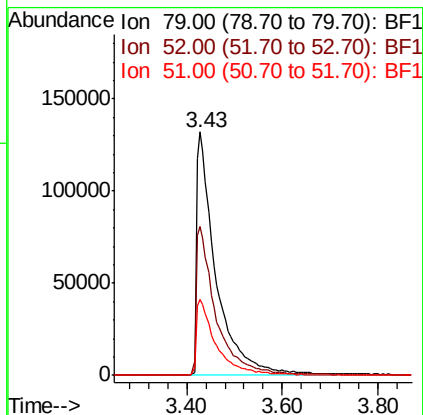
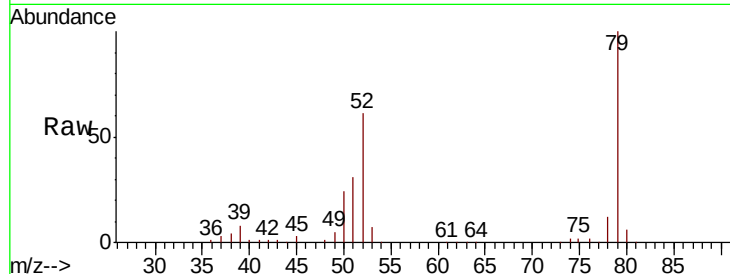
ClientSampleId :

TP-8-AMSD

Tot Ion:	79	Resp:	375411
Ion Ratio	Lower	Upper	
79	100		
52	61.2	50.2	75.4
51	31.2	25.8	38.6

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#4

n-Nitrosodimethylamine

Concen: 38.977 ng

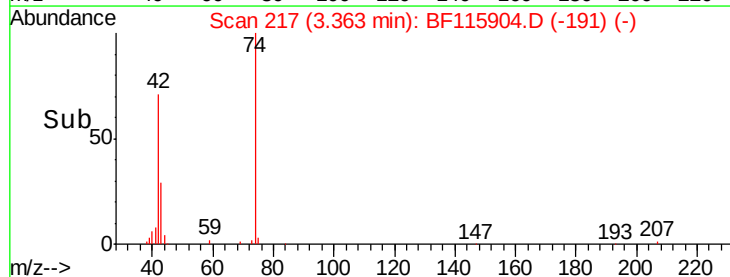
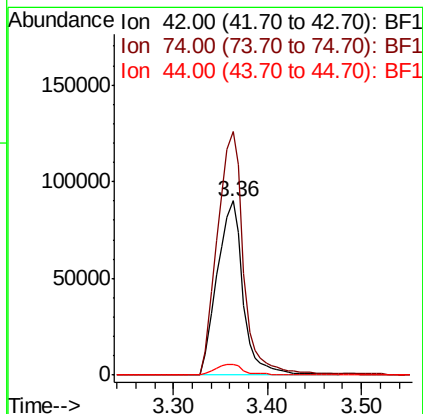
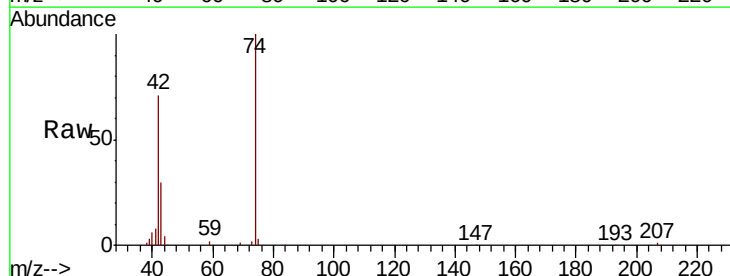
RT: 3.36 min Scan# 217

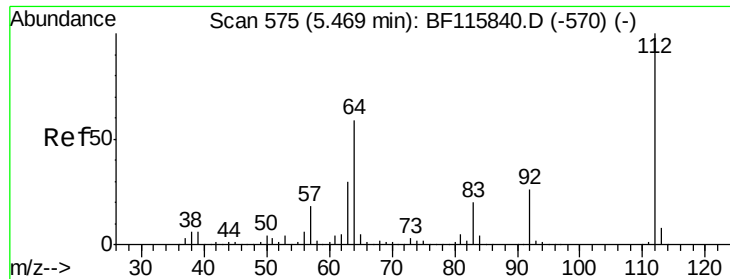
Delta R.T. 0.05 min

Lab File: BF115904.D

Acq: 1 Aug 2019 13:39

Tgt Ion:	42	Resp:	174787
Ion Ratio	Lower	Upper	
42	100		
74	140.0	111.0	166.4
44	6.1	4.7	7.1





#5

2-Fluorophenol

Concen: 124.166 ng

RT: 5.49 min Scan# 578

Delta R.T. 0.02 min

Lab File: BF115904.D

Acq: 1 Aug 2019 13:39

Instrument :

BNA_F

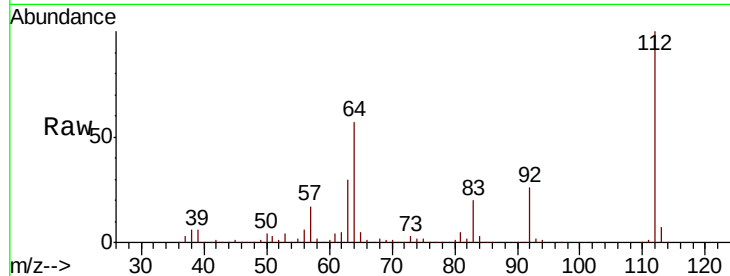
ClientSampleId :

TP-8-AMSD

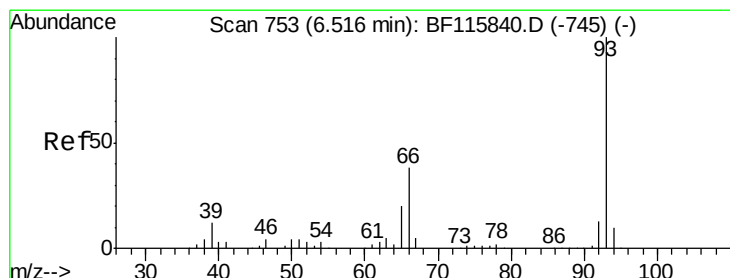
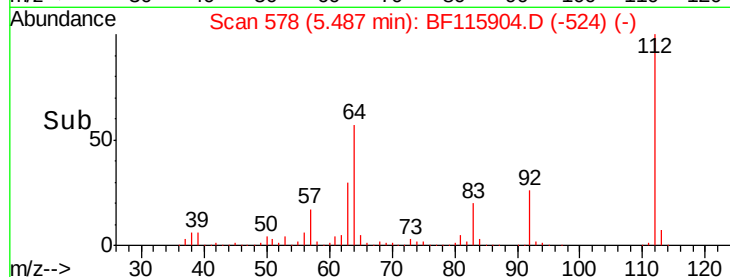
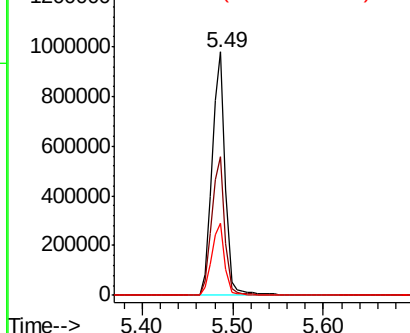
Tot Ion:	112	Resp:	999807
Ion Ratio	Lower	Upper	
112	100		
64	57.2	46.8	70.2
63	29.7	24.2	36.2

Manual Integrations
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Abundance Ion 112.00 (111.70 to 112.70): BF1
Ion 64.00 (63.70 to 64.70): BF1
Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 22.867 ng

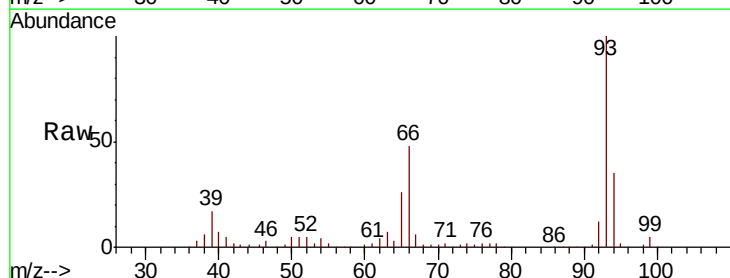
RT: 6.52 min Scan# 753

Delta R.T. 0.00 min

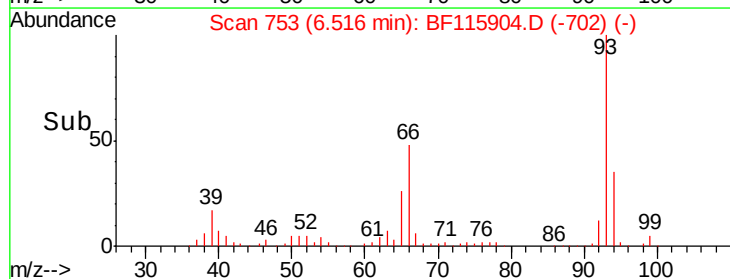
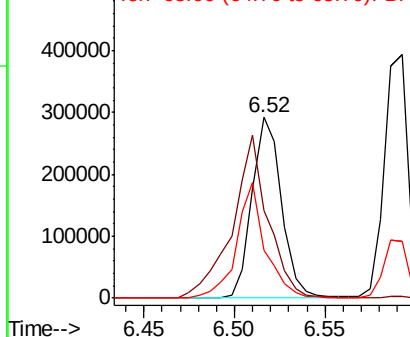
Lab File: BF115904.D

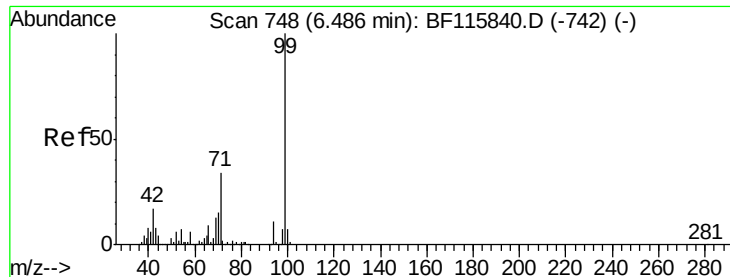
Acq: 1 Aug 2019 13:39

Tgt Ion:	93	Resp:	332699
Ion Ratio	Lower	Upper	
93	100		
66	48.0	31.4	47.0#
65	26.1	16.5	24.7#



Abundance Ion 93.00 (92.70 to 93.70): BF1
Ion 66.00 (65.70 to 66.70): BF1
Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 131.956 ng

RT: 6.50 min Scan# 750

Delta R.T. 0.01 min

Lab File: BF115904.D

Acq: 1 Aug 2019 13:39

Instrument :

BNA_F

ClientSampled :

TP-8-AMSD

Tot Ion: 99 Resp: 1340571

Ion Ratio Lower Upper

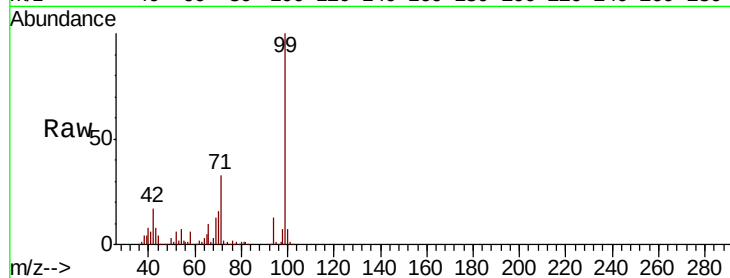
99 100

42 16.8 13.8 20.6

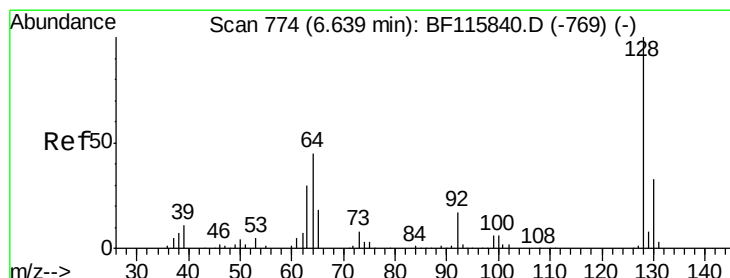
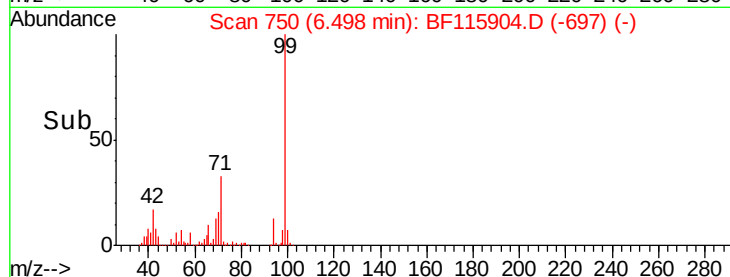
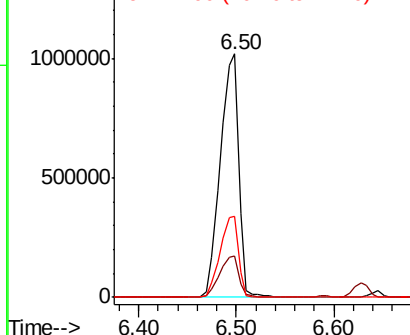
71 33.5 27.1 40.7

Manual Integrations
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Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 42.024 ng

RT: 6.65 min Scan# 775

Delta R.T. 0.01 min

Lab File: BF115904.D

Acq: 1 Aug 2019 13:39

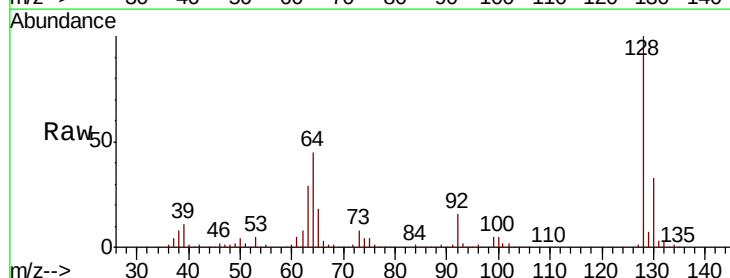
Tgt Ion: 128 Resp: 374180

Ion Ratio Lower Upper

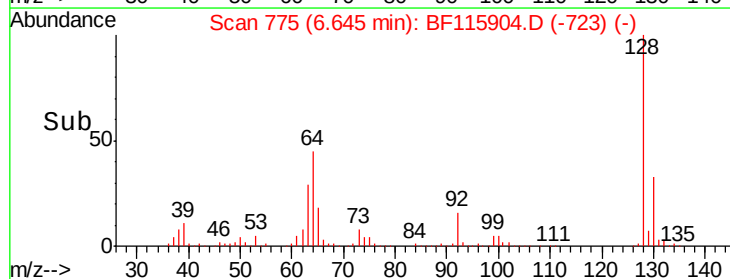
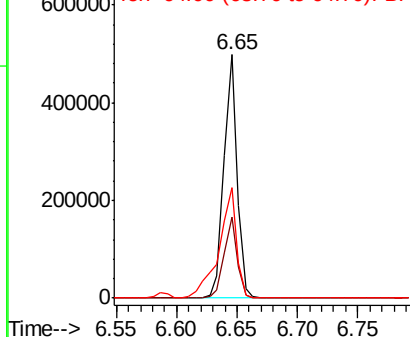
128 100

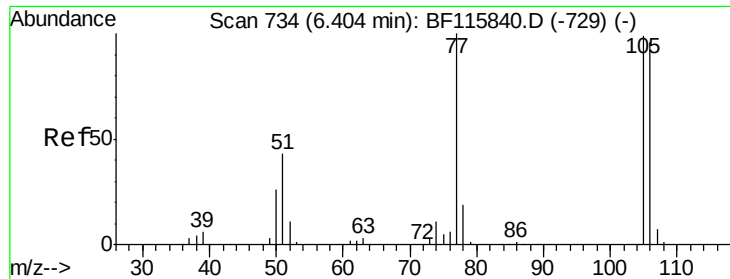
130 33.3 12.9 52.9

64 45.1 26.1 66.1



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 64.00 (63.70 to 64.70): BF1





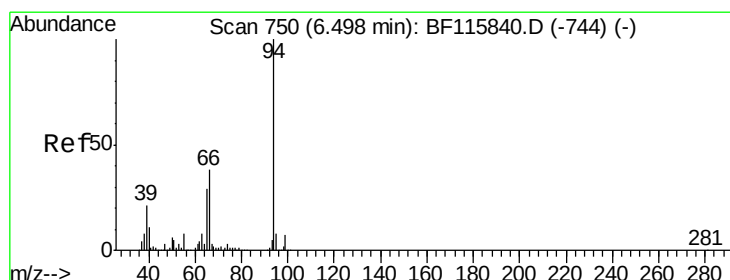
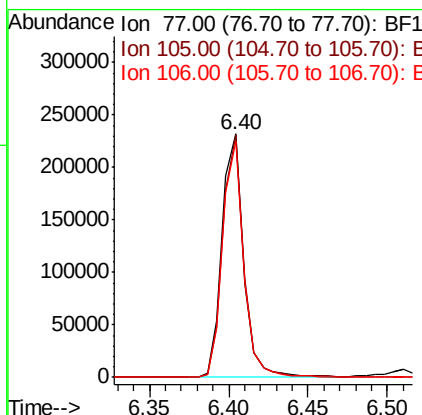
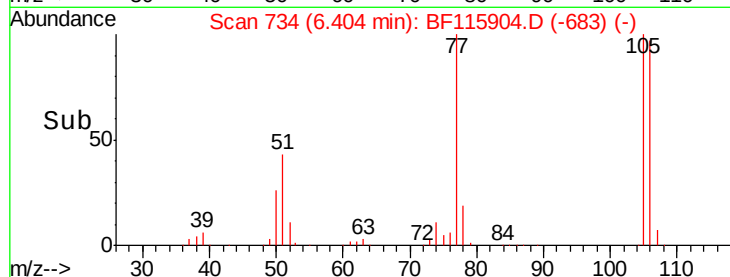
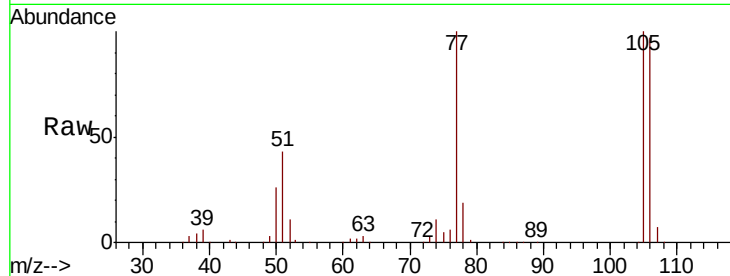
#9
Benzaldehyde
Concen: 31.326 ng
RT: 6.40 min Scan# 734
Delta R.T. 0.00 min
Lab File: BF115904.D
Acq: 1 Aug 2019 13:39

Instrument :
BNA_F
ClientSampleId :
TP-8-AMSD

Tot Ion	Ratio	Lower	Upper
77	100		
105	99.8	79.0	119.0
106	97.2	76.2	116.2

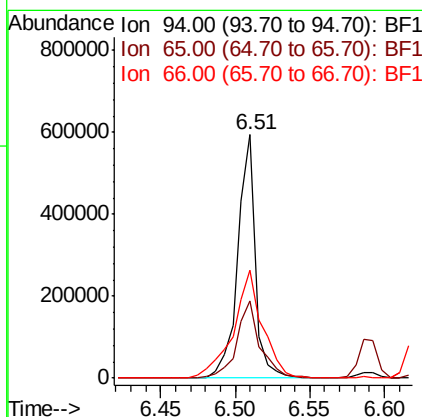
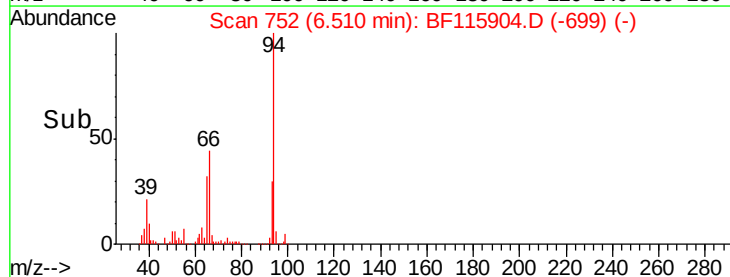
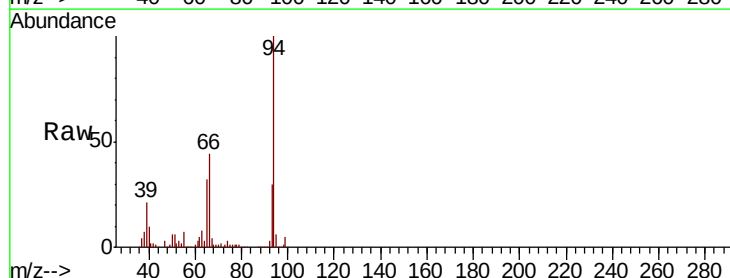
Manual Integrations
APPROVED

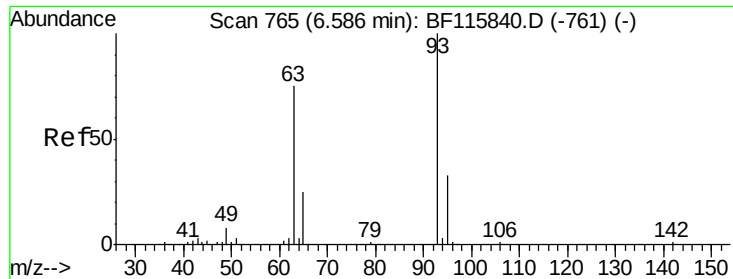
mohammad
8/5/2019 1:47:58 PM



#10
Phenol
Concen: 41.506 ng
RT: 6.51 min Scan# 752
Delta R.T. 0.01 min
Lab File: BF115904.D
Acq: 1 Aug 2019 13:39

Tgt Ion	Ratio	Lower	Upper
94	100		
65	31.5	8.9	48.9
66	44.2	18.0	58.0





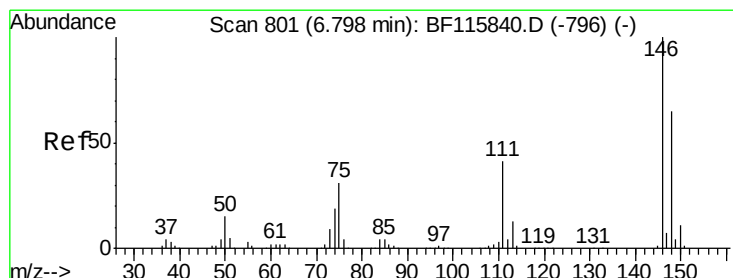
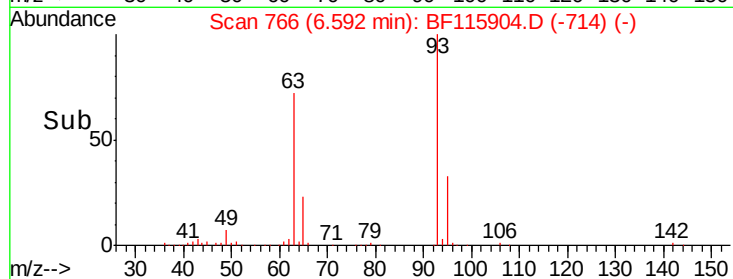
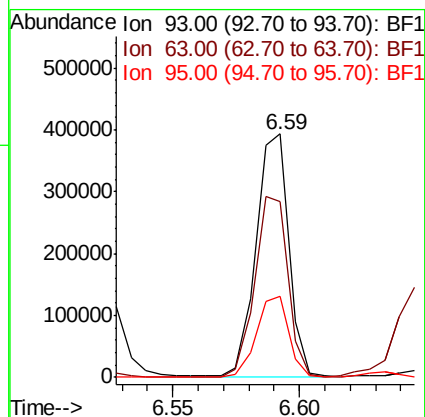
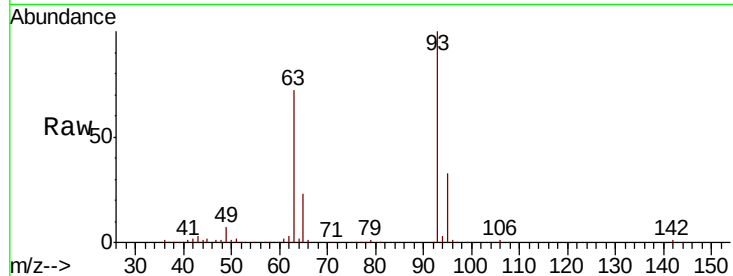
#11
bis(2-Chloroethyl)ether
Concen: 40.252 ng
RT: 6.59 min Scan# 766
Delta R.T. 0.01 min
Lab File: BF115904.D
Acq: 1 Aug 2019 13:39

Instrument :
BNA_F
ClientSampled :
TP-8-AMSD

Tot Ion:	93	Resp:	354046
Ion Ratio	Lower	Upper	
93	100		
63	72.1	54.9	94.9
95	33.4	13.3	53.3

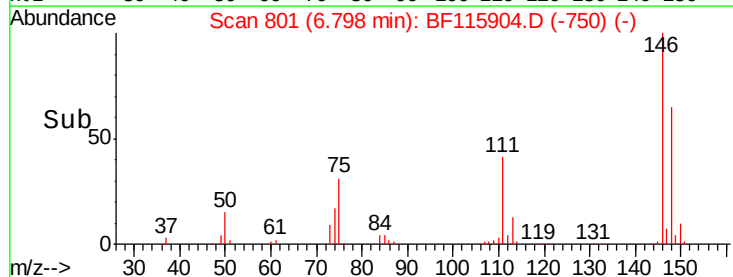
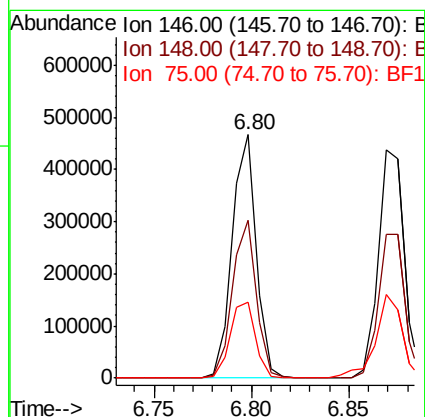
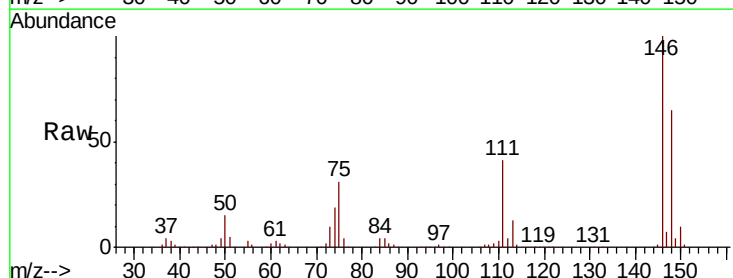
Manual Integrations
APPROVED

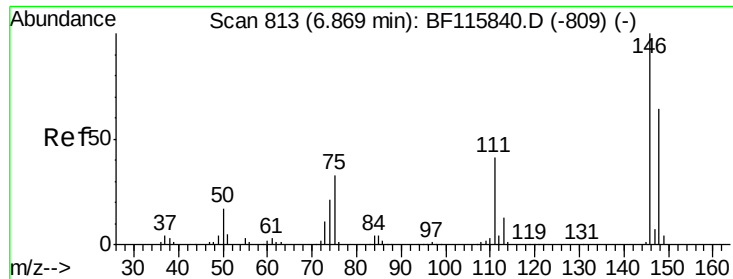
mohammad
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#12
1,3-Dichlorobenzene
Concen: 38.726 ng
RT: 6.80 min Scan# 801
Delta R.T. 0.00 min
Lab File: BF115904.D
Acq: 1 Aug 2019 13:39

Tgt Ion:	146	Resp:	398502
Ion Ratio	Lower	Upper	
146	100		
148	65.0	52.1	78.1
75	31.4	25.0	37.6





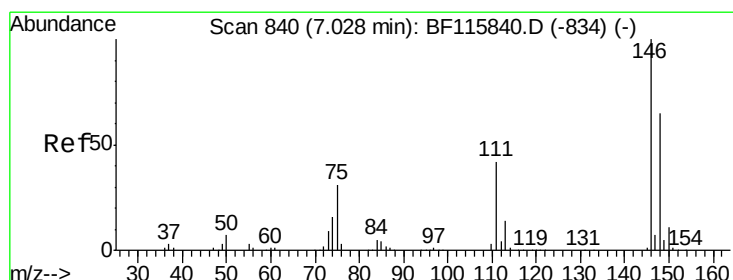
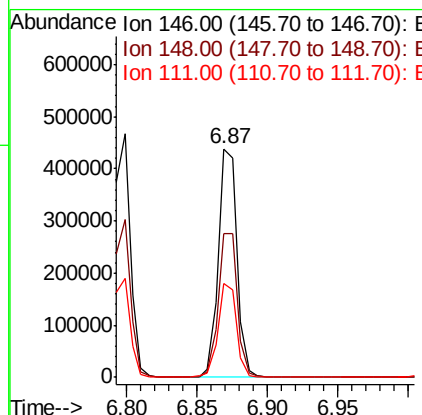
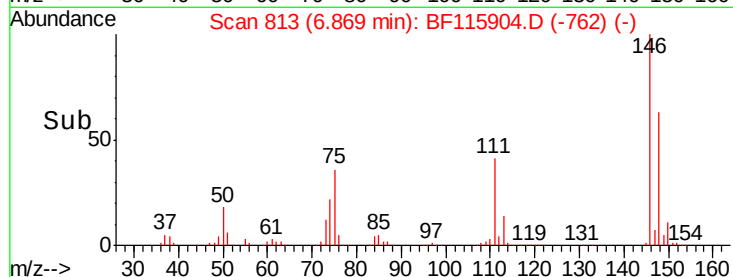
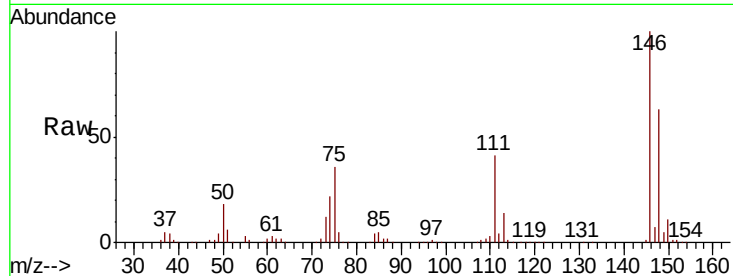
#13
 1,4-Dichlorobenzene
 Concen: 39.303 ng
 RT: 6.87 min Scan# 813
 Delta R.T. 0.00 min
 Lab File: BF115904.D
 Acq: 1 Aug 2019 13:39

Instrument :
 BNA_F
 ClientSampled :
 TP-8-AMSD

Tot Ion	Ratio	Lower	Upper
146	100		
148	63.0	51.2	76.8
111	41.2	33.2	49.8

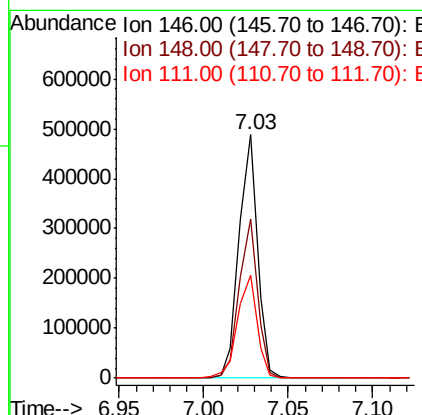
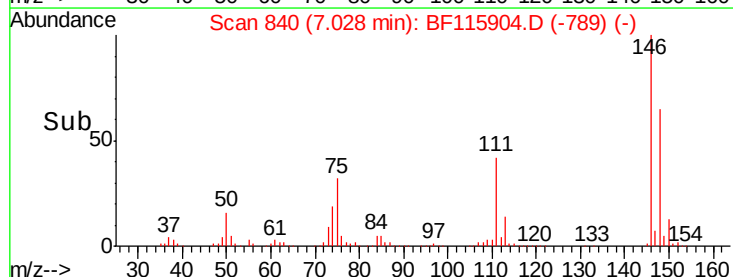
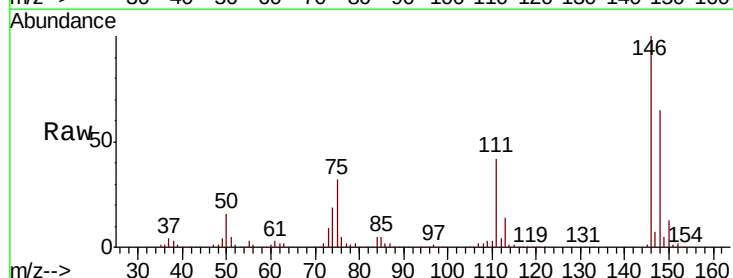
Manual Integrations
 APPROVED

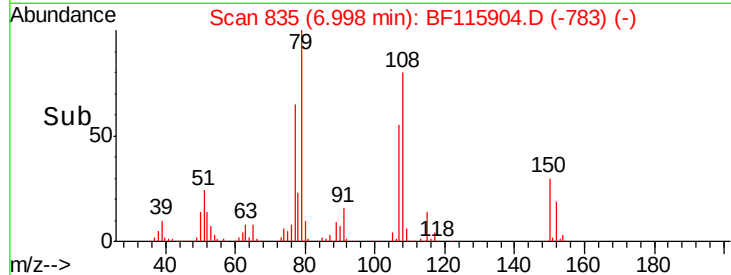
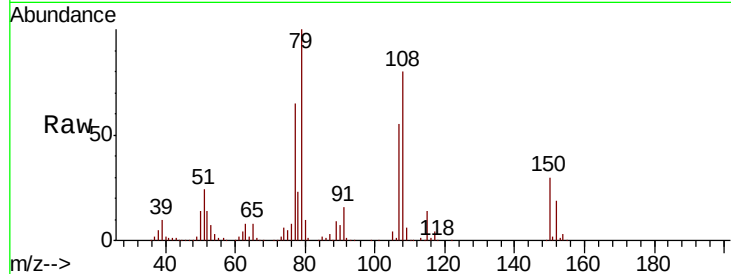
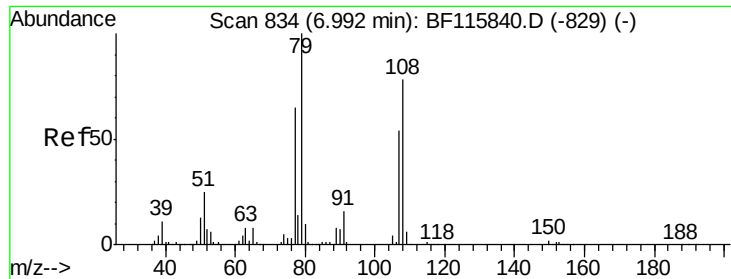
mohammad
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#14
 1,2-Dichlorobenzene
 Concen: 39.384 ng
 RT: 7.03 min Scan# 840
 Delta R.T. 0.00 min
 Lab File: BF115904.D
 Acq: 1 Aug 2019 13:39

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.2	51.6	77.4
111	42.4	33.6	50.4





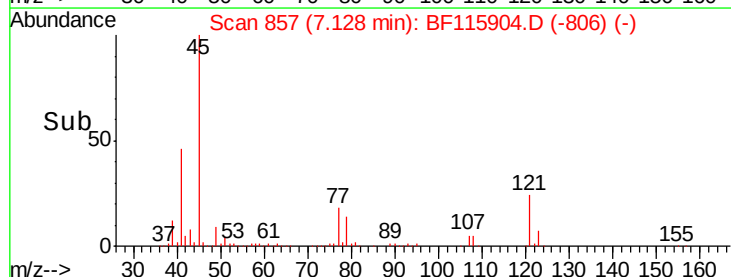
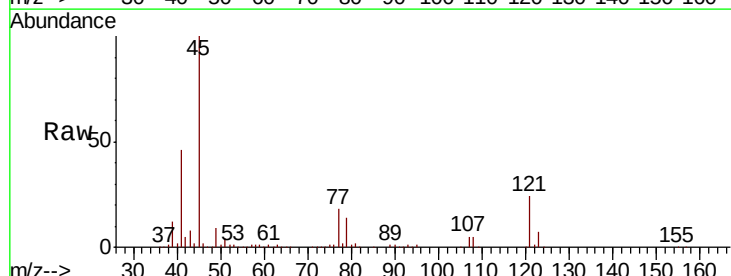
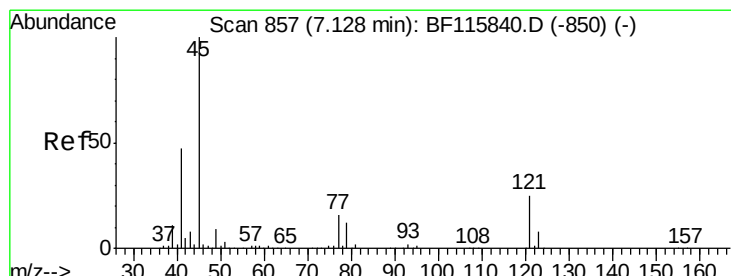
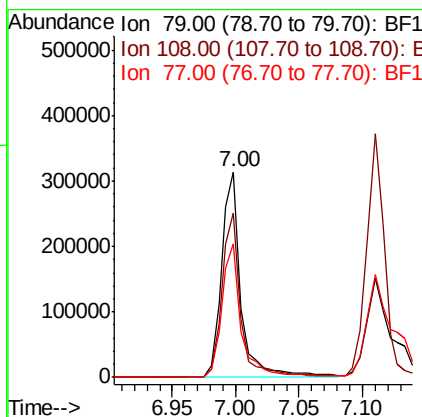
#15
Benzyl Alcohol
Concen: 43.596 ng
RT: 7.00 min Scan# 835
Delta R.T. 0.01 min
Lab File: BF115904.D
Acq: 1 Aug 2019 13:39

Tot Ion	Ratio	Resp	Lower	Upper
79	100			
108	80.3	62.8	94.2	
77	65.3	52.0	78.0	

Instrument :
BNA_F
ClientSampleId :
TP-8-AMSD

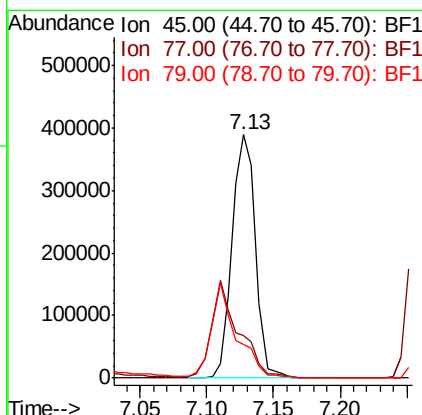
Manual Integrations
APPROVED

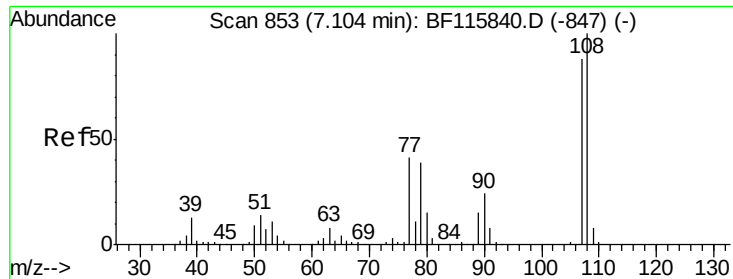
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 39.773 ng
RT: 7.13 min Scan# 857
Delta R.T. 0.00 min
Lab File: BF115904.D
Acq: 1 Aug 2019 13:39

Tgt Ion	Ratio	Resp	Lower	Upper
45	100			
77	17.7	0.0	36.3	
79	13.7	0.0	32.5	





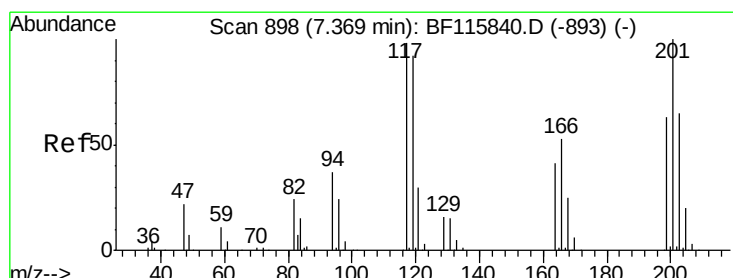
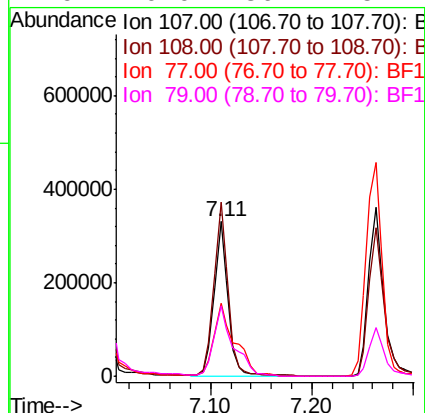
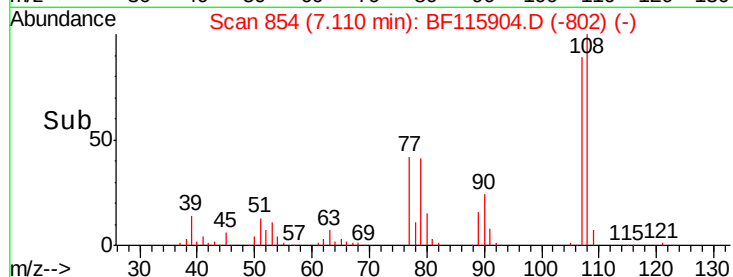
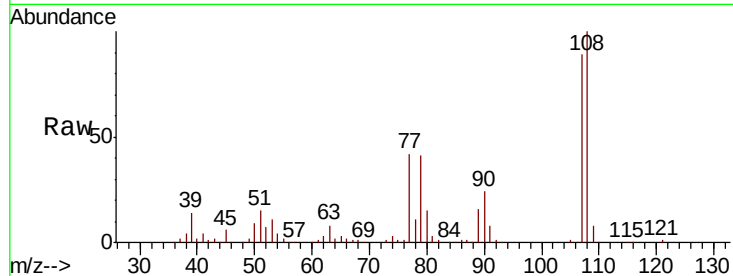
#17
2-Methylphenol
Concen: 42.213 ng
RT: 7.11 min Scan# 854
Delta R.T. 0.01 min
Lab File: BF115904.D
Acq: 1 Aug 2019 13:39

Instrument :
BNA_F
ClientSampleId :
TP-8-AMSD

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	112.6	91.4	137.0	
77	47.4	37.6	56.4	
79	46.0	36.2	54.4	

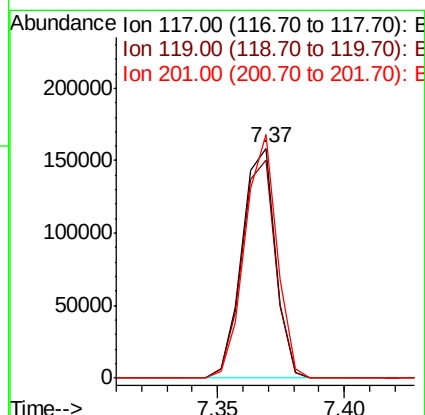
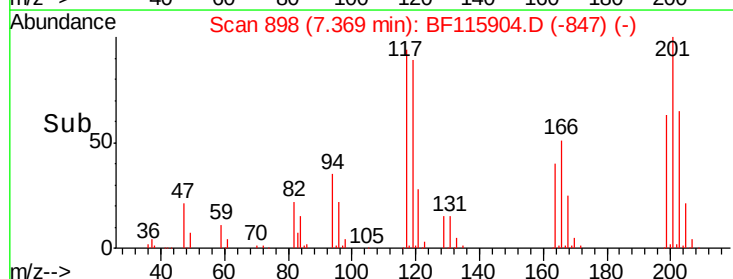
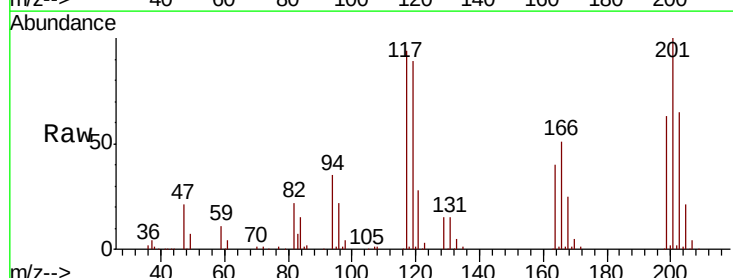
Manual Integrations
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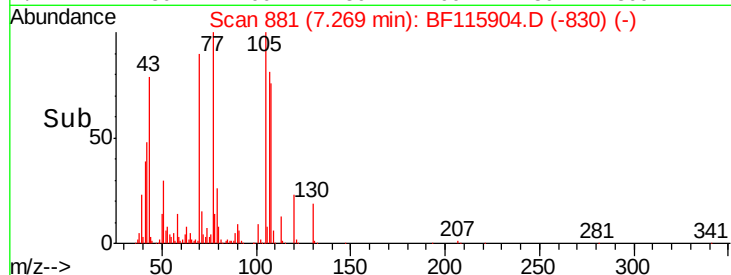
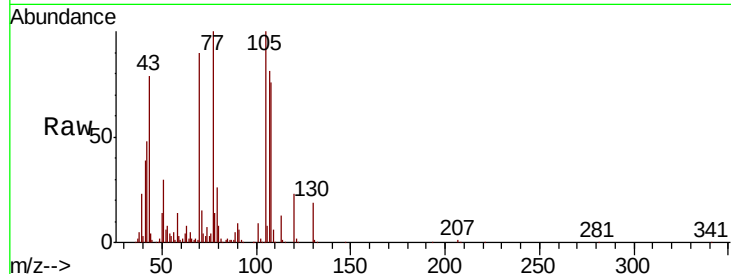
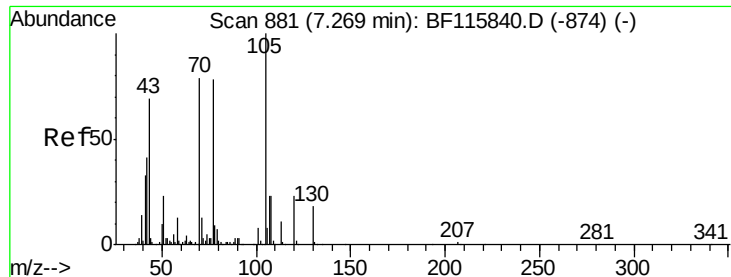
mohammad
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#18
Hexachloroethane
Concen: 38.380 ng
RT: 7.37 min Scan# 898
Delta R.T. 0.00 min
Lab File: BF115904.D
Acq: 1 Aug 2019 13:39

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	94.6	75.8	113.6	
201	105.8	82.0	123.0	





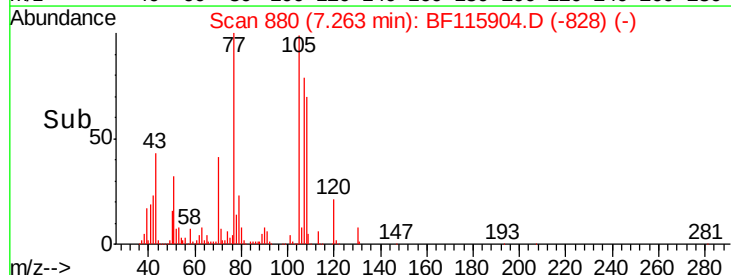
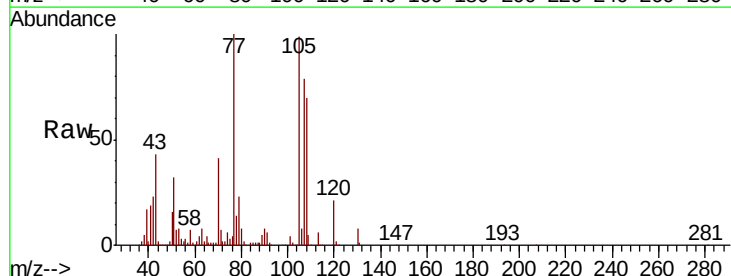
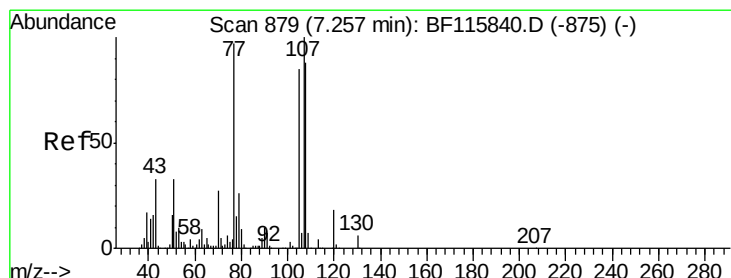
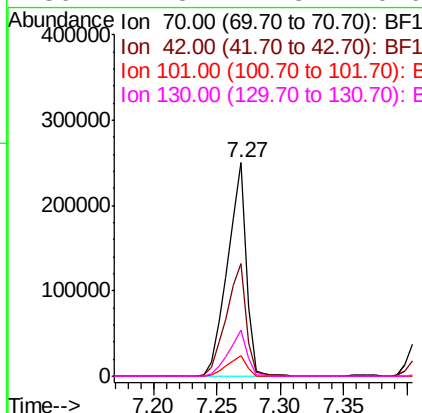
#19
n-Nitroso-di-n-propylamine
Concen: 40.972 ng
RT: 7.27 min Scan# 881
Delta R.T. 0.00 min
Lab File: BF115904.D
Acq: 1 Aug 2019 13:39

Instrument :
BNA_F
ClientSampleId :
TP-8-AMSD

Tot Ion	Ratio	Resp	Lower	Upper
70	100			
42	53.0	41.8	62.8	
101	9.7	7.7	11.5	
130	21.3	17.8	26.6	

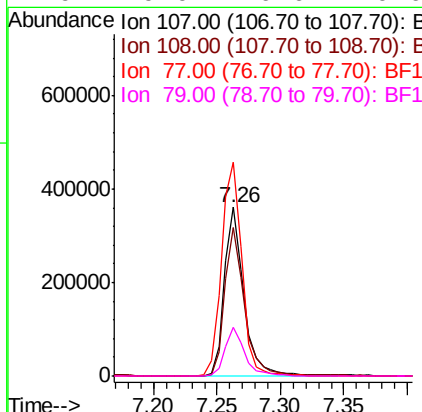
Manual Integrations
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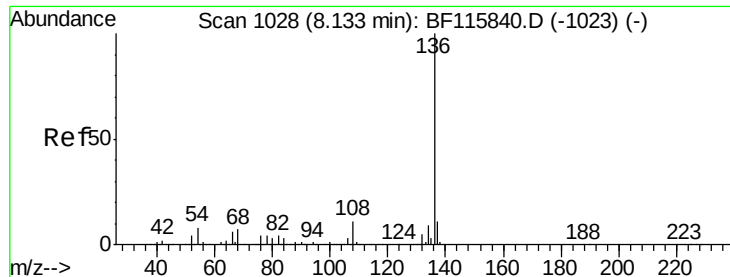
mohammad
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#20
3+4-Methylphenols
Concen: 42.791 ng
RT: 7.26 min Scan# 880
Delta R.T. 0.01 min
Lab File: BF115904.D
Acq: 1 Aug 2019 13:39

Tgt Ion	Ratio	Resp	Lower	Upper
107	100			
108	88.1	67.9	107.9	
77	126.7	77.3	117.3#	
79	29.0	6.6	46.6	





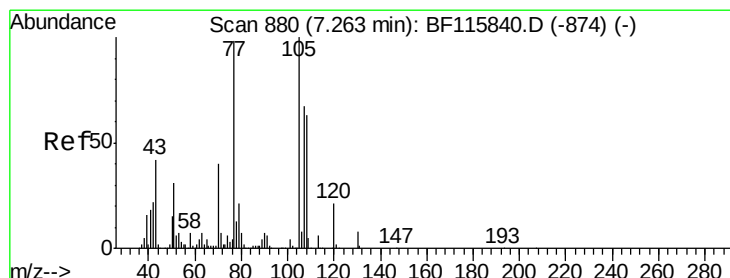
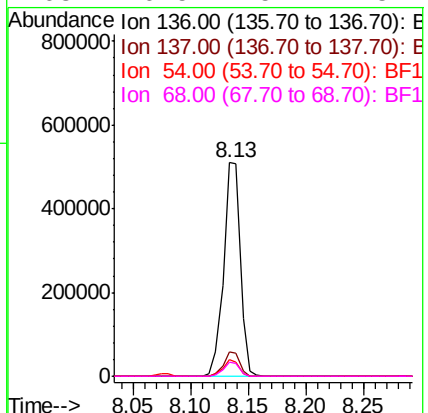
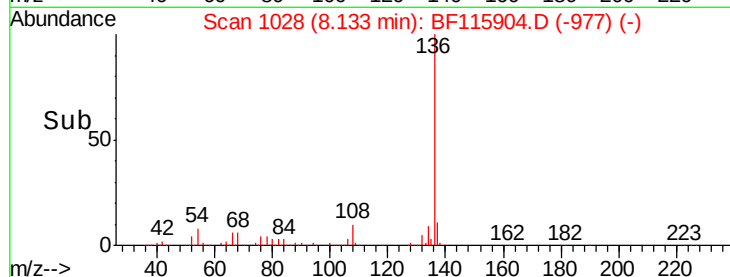
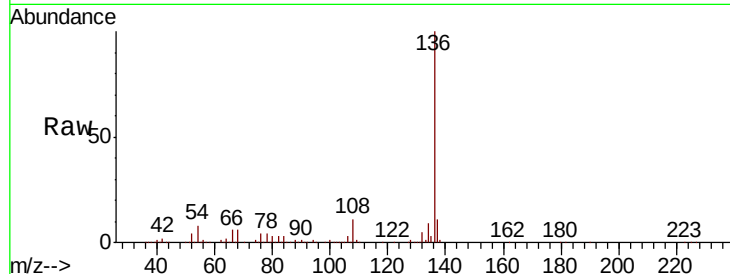
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.13 min Scan# 1028
Delta R.T. 0.00 min
Lab File: BF115904.D
Acq: 1 Aug 2019 13:39

Instrument :
BNA_F
ClientSampleId :
TP-8-AMSD

Tot Ion	Ratio	Resp	Lower	Upper
136	100	514886		
137	11.2		9.1	13.7
54	7.7		6.1	9.1
68	6.5		5.4	8.2

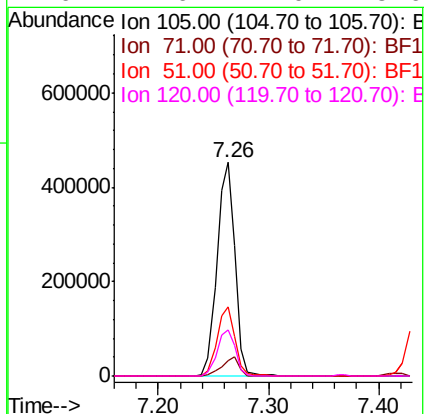
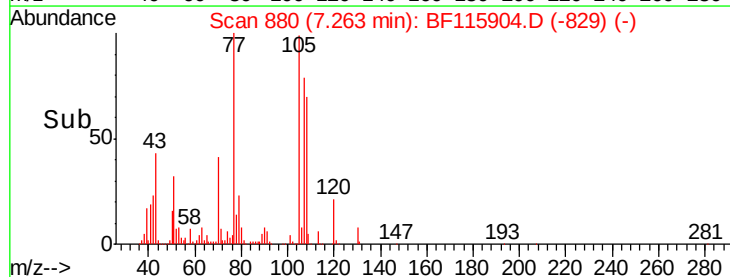
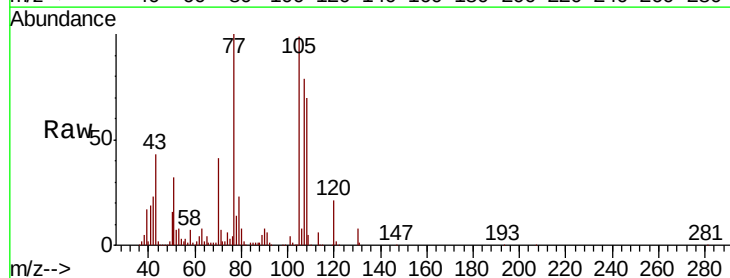
Manual Integrations
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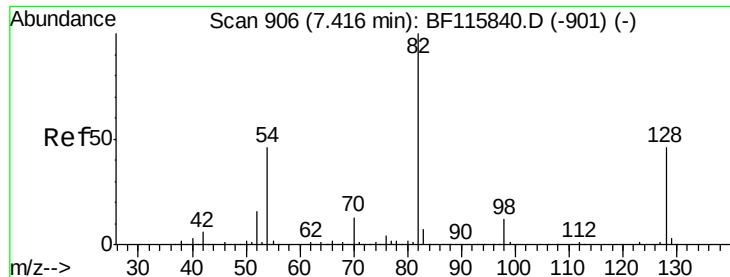
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#22
Acetophenone
Concen: 44.735 ng
RT: 7.26 min Scan# 880
Delta R.T. 0.00 min
Lab File: BF115904.D
Acq: 1 Aug 2019 13:39

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	505156		
71	7.0		5.4	8.0
51	32.4		24.6	36.8
120	21.6		17.0	25.6





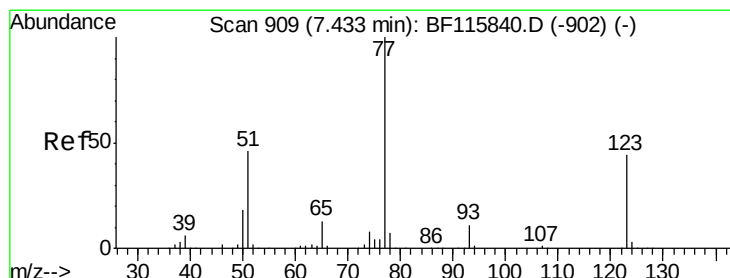
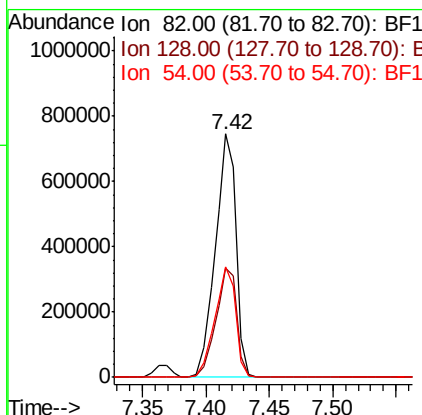
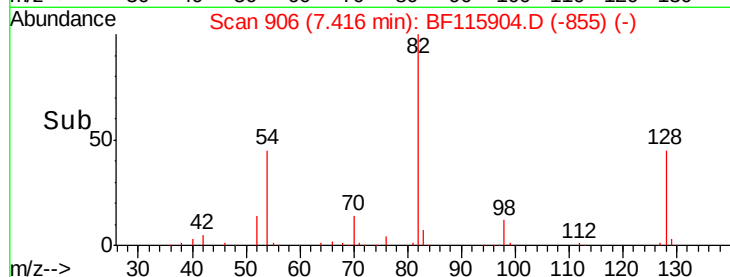
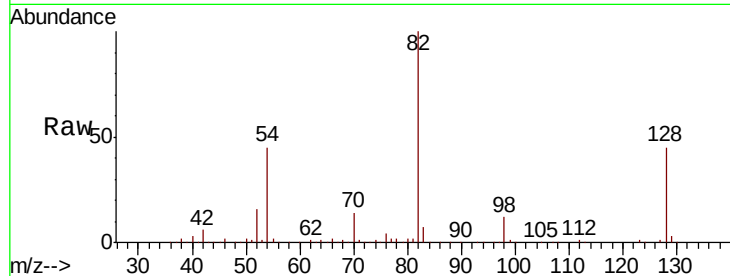
#23
 Nitrobenzene-d5
 Concen: 95.801 ng
 RT: 7.42 min Scan# 906
 Delta R.T. 0.00 min
 Lab File: BF115904.D
 Acq: 1 Aug 2019 13:39

Instrument :
 BNA_F
 ClientSampled :
 TP-8-AMSD

Tot Ion	Ratio	Lower	Upper
82	100		
128	45.0	36.6	55.0
54	45.5	36.6	55.0

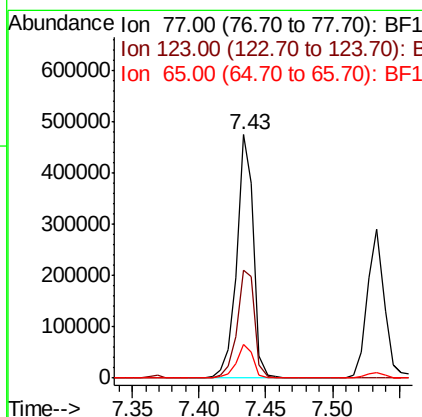
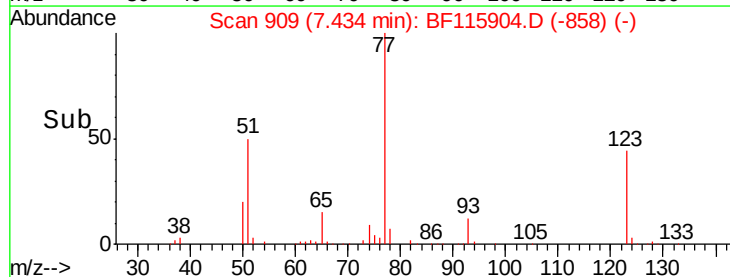
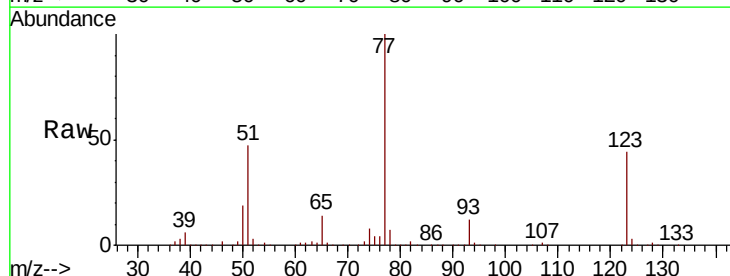
Manual Integrations
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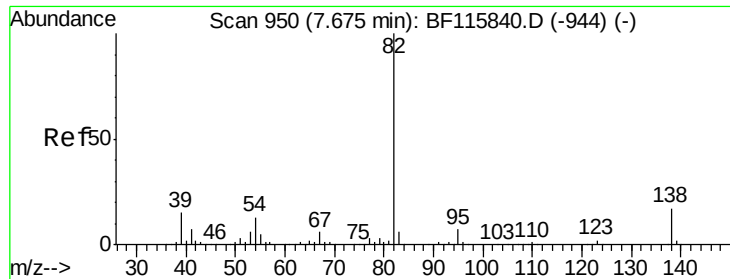
mohammad
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#24
 Nitrobenzene
 Concen: 43.167 ng
 RT: 7.43 min Scan# 909
 Delta R.T. 0.00 min
 Lab File: BF115904.D
 Acq: 1 Aug 2019 13:39

Tgt Ion	Ratio	Lower	Upper
77	100		
123	44.2	35.5	53.3
65	13.7	10.6	15.8





#25

Isophorone

Concen: 43.687 ng

RT: 7.67 min Scan# 950

Delta R.T. 0.00 min

Lab File: BF115904.D

Acq: 1 Aug 2019 13:39

Instrument :

BNA_F

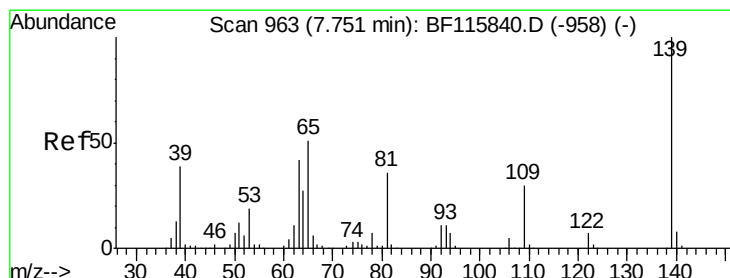
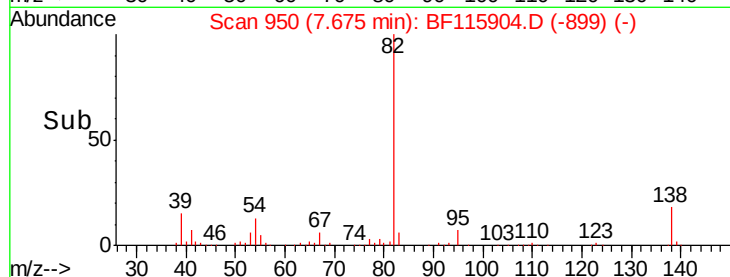
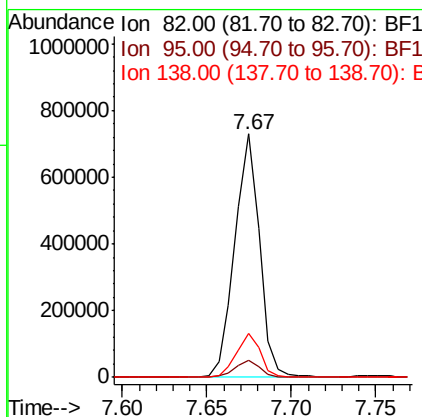
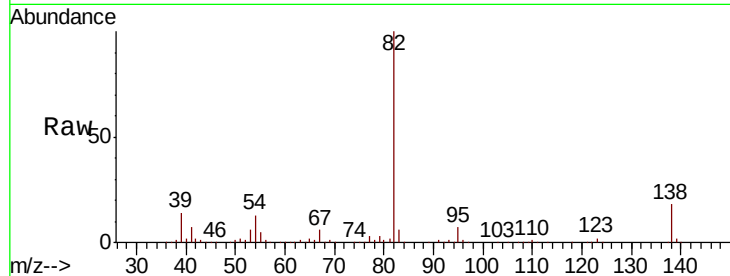
ClientSampleId :

TP-8-AMSD

Tot Ion:	82	Resp:	745139
Ion Ratio	Lower	Upper	
82	100		
95	6.9	5.5	8.3
138	17.8	13.9	20.9

Manual Integrations
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#26

2-Nitrophenol

Concen: 45.154 ng

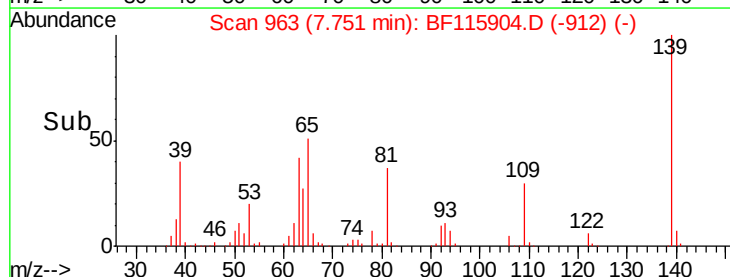
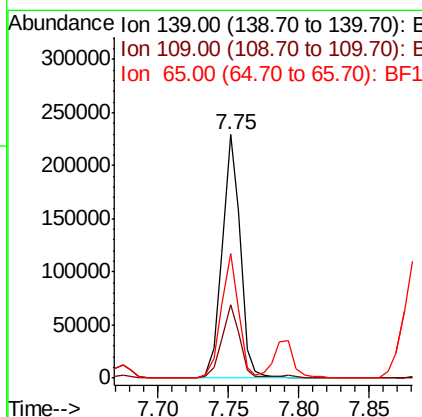
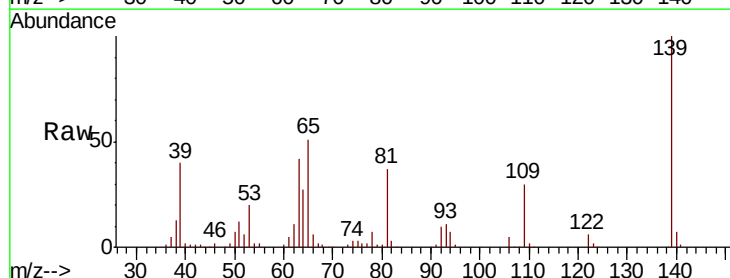
RT: 7.75 min Scan# 963

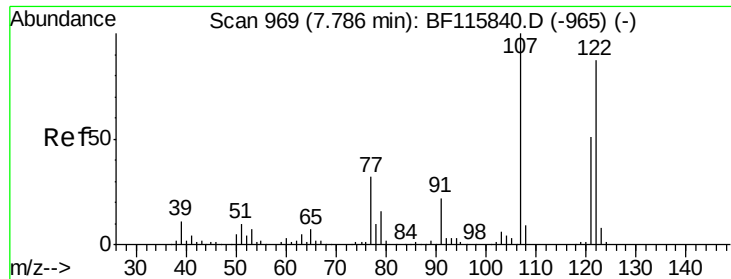
Delta R.T. 0.00 min

Lab File: BF115904.D

Acq: 1 Aug 2019 13:39

Tgt Ion:	139	Resp:	205003
Ion Ratio	Lower	Upper	
139	100		
109	30.1	23.6	35.4
65	51.1	40.6	60.8





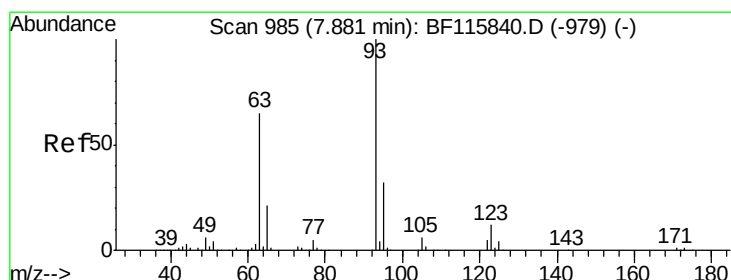
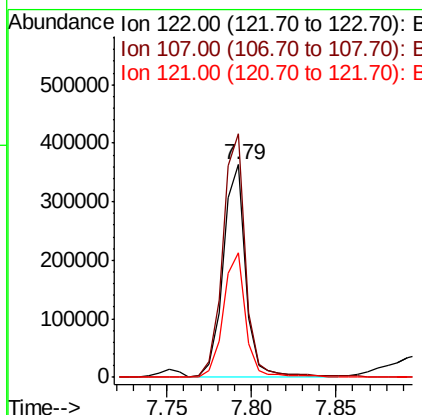
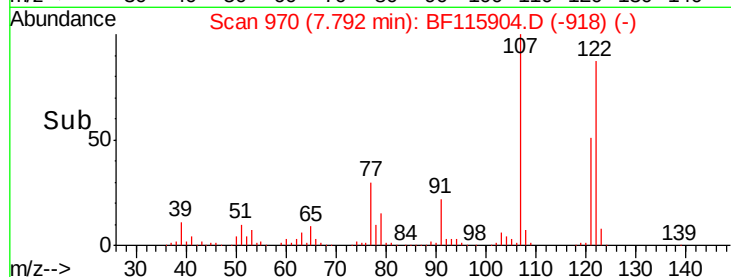
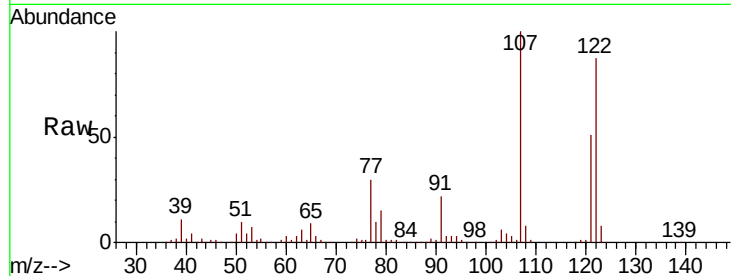
#27
2,4-Dimethylphenol
Concen: 48.692 ng
RT: 7.79 min Scan# 970
Delta R.T. 0.01 min
Lab File: BF115904.D
Acq: 1 Aug 2019 13:39

Instrument :
BNA_F
ClientSampled :
TP-8-AMSD

Tot Ion	Ratio	Resp	Lower	Upper
122	100	332588		
107	114.4	91.7	137.5	
121	58.5	46.6	70.0	

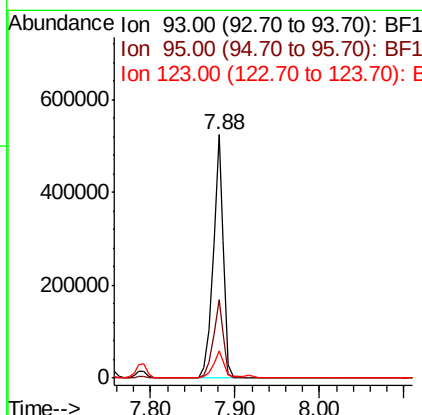
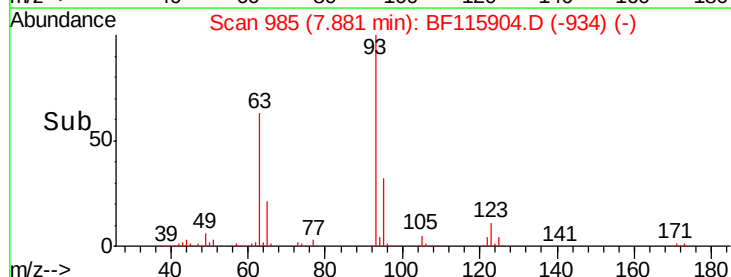
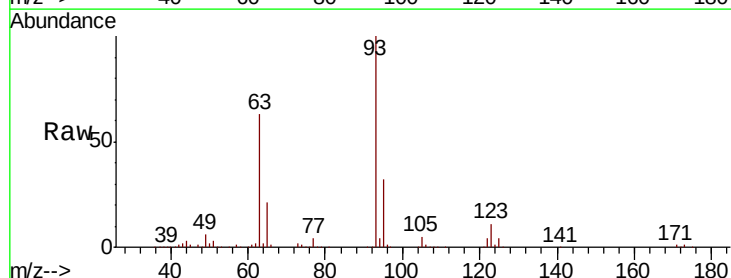
Manual Integrations
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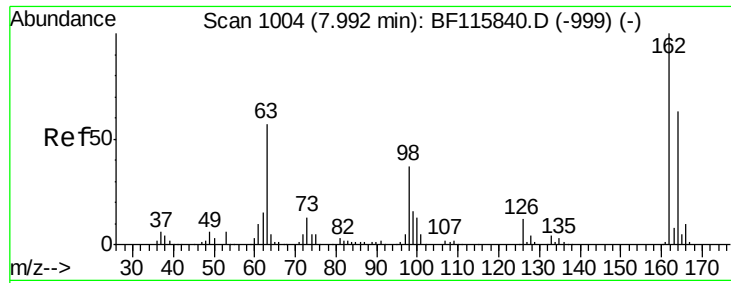
mohammad
8/5/2019 1:47:58 PM



#28
bis(2-Chloroethoxy)methane
Concen: 43.221 ng
RT: 7.88 min Scan# 985
Delta R.T. 0.00 min
Lab File: BF115904.D
Acq: 1 Aug 2019 13:39

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	456919		
95	32.4	26.0	39.0	
123	11.2	9.5	14.3	





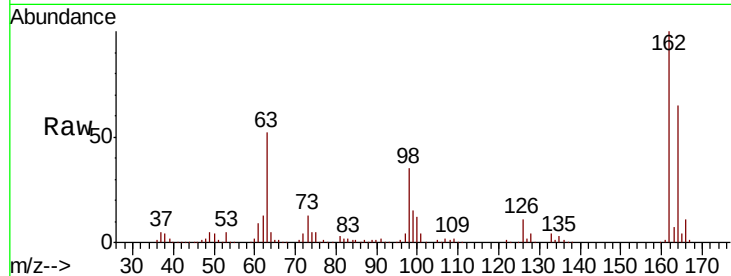
#29
 2,4-Dichlorophenol
 Concen: 45.509 ng
 RT: 8.00 min Scan# 1005
 Delta R.T. 0.01 min
 Lab File: BF115904.D
 Acq: 1 Aug 2019 13:39

Instrument :
 BNA_F
 ClientSampleId :
 TP-8-AMSD

Tot Ion	Ratio	Resp	Lower	Upper
162	100	328216		
164	64.9	43.2	83.2	
98	34.5	17.3	57.3	

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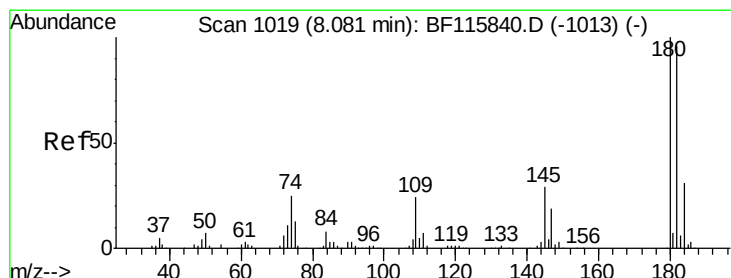
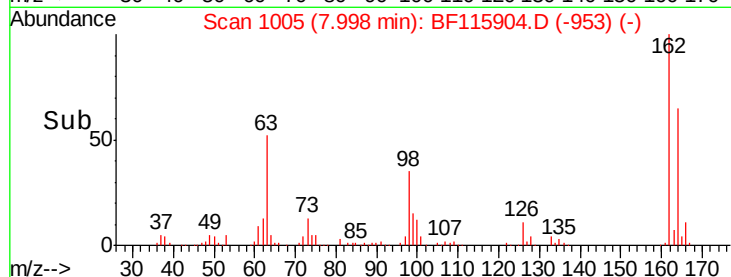
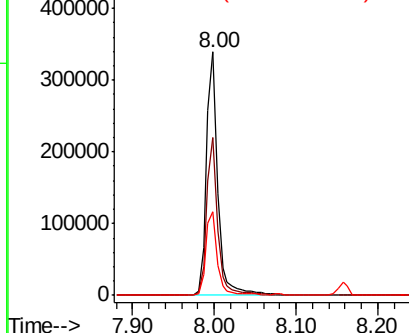


Abundance

Ion 162.00 (161.70 to 162.70): E

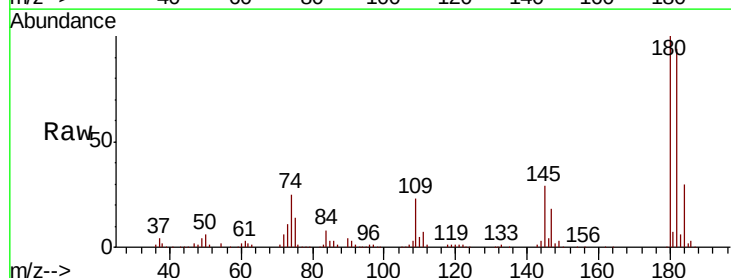
Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF1



#30
 1,2,4-Trichlorobenzene
 Concen: 42.222 ng
 RT: 8.08 min Scan# 1019
 Delta R.T. 0.00 min
 Lab File: BF115904.D
 Acq: 1 Aug 2019 13:39

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	347110		
182	94.1	76.6	114.8	
145	28.9	23.2	34.8	

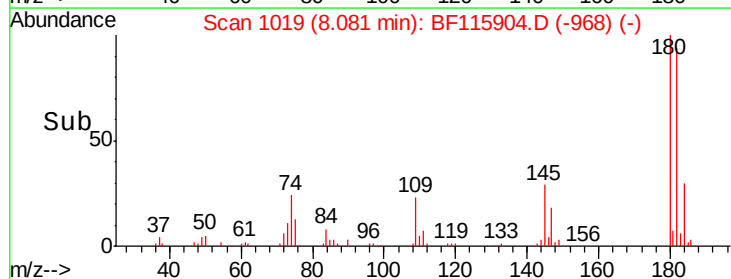
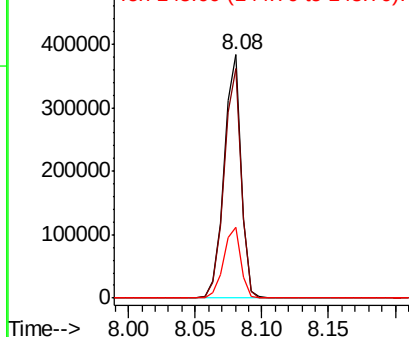


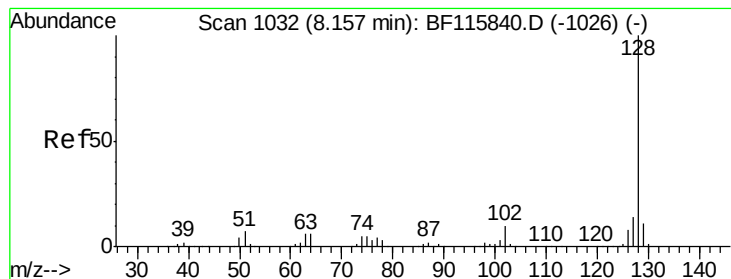
Abundance

Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 44.447 ng

RT: 8.16 min Scan# 1032

Delta R.T. 0.00 min

Lab File: BF115904.D

Acq: 1 Aug 2019 13:39

Instrument :

BNA_F

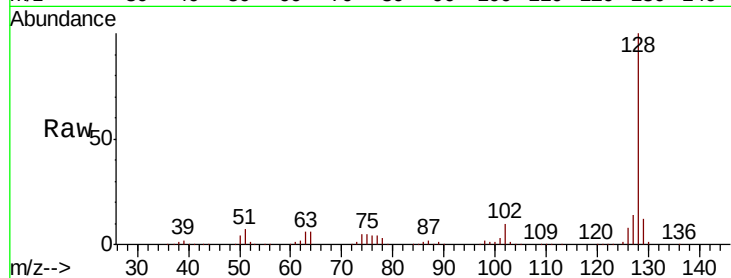
ClientSampleId :

TP-8-AMSD

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.5	9.2	13.8
127	13.7	11.0	16.4

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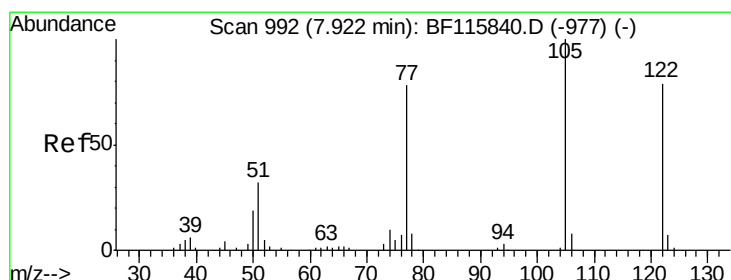
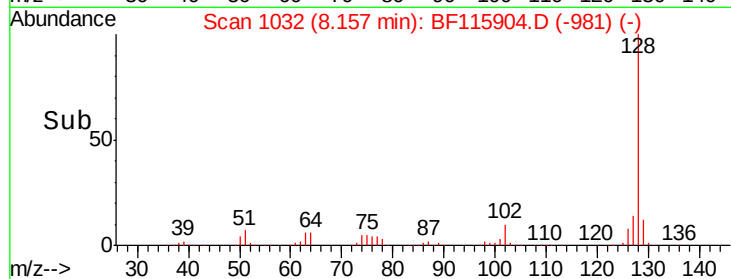
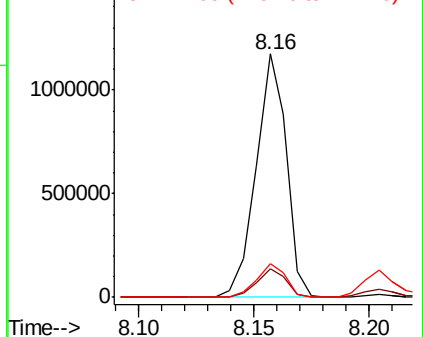


Abundance

Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 25.571 ng

RT: 7.92 min Scan# 991

Delta R.T. -0.01 min

Lab File: BF115904.D

Acq: 1 Aug 2019 13:39

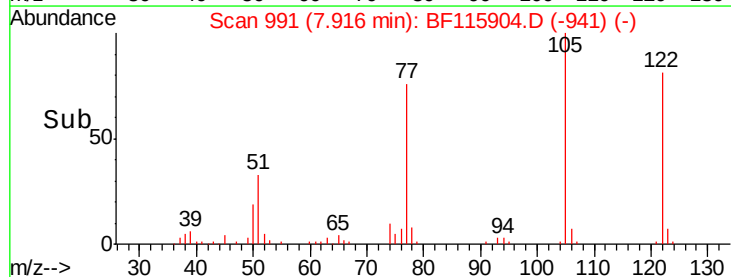
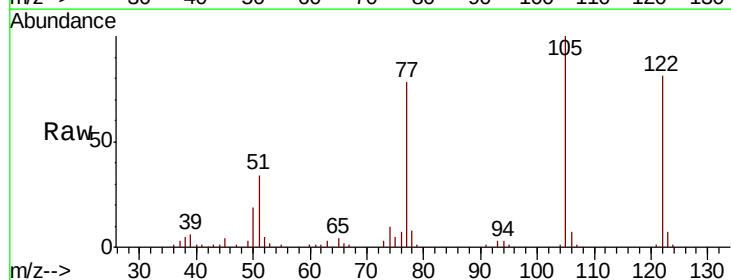
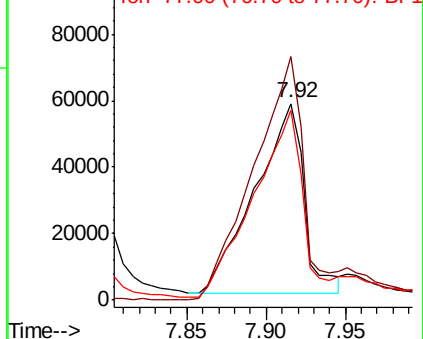
Tgt Ion	Ratio	Lower	Upper
122	100		
105	123.9	103.1	143.1
77	96.7	76.8	116.8

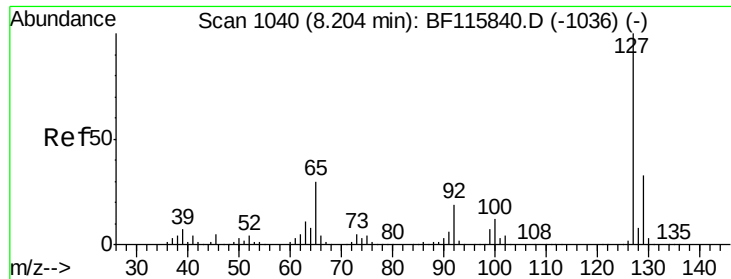
Abundance

Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1





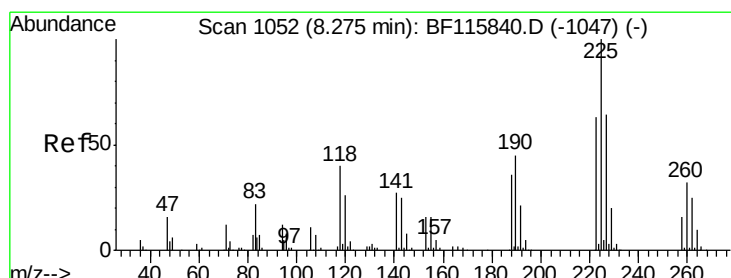
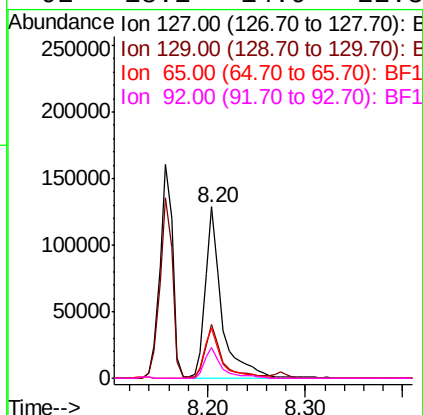
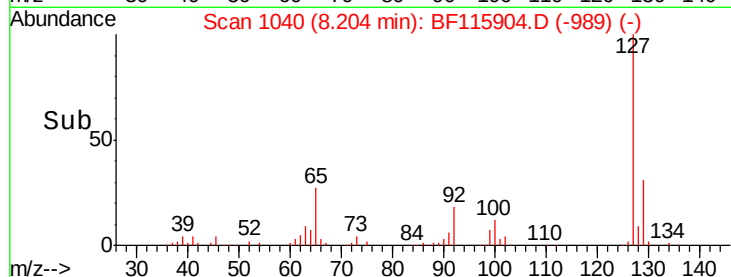
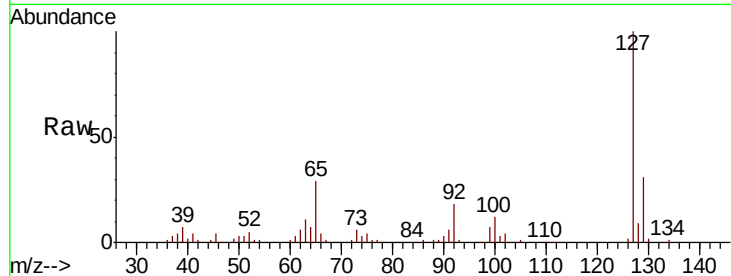
#33
4-Chloroaniline
Concen: 14.034 ng
RT: 8.20 min Scan# 1040
Delta R.T. 0.00 min
Lab File: BF115904.D
Acq: 1 Aug 2019 13:39

Instrument :
BNA_F
ClientSampled :
TP-8-AMSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100		151933		
129	31.3	26.0	39.0		
65	29.2	23.9	35.9		
92	18.1	14.9	22.3		

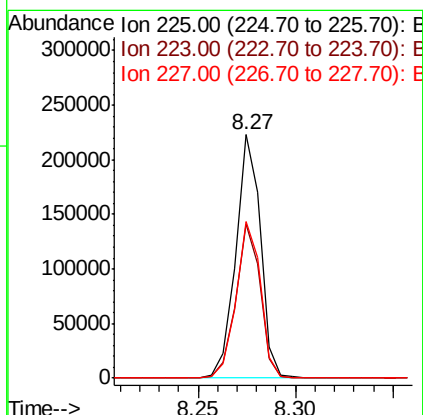
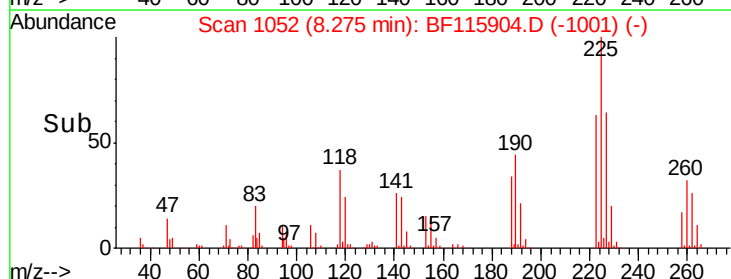
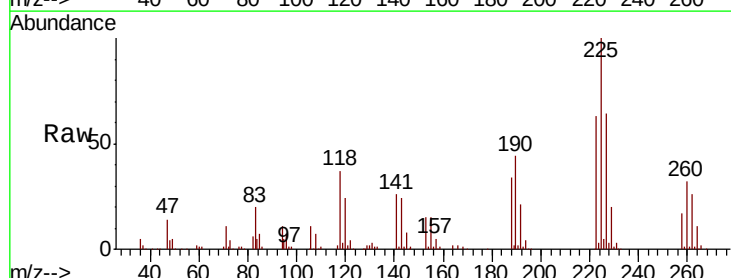
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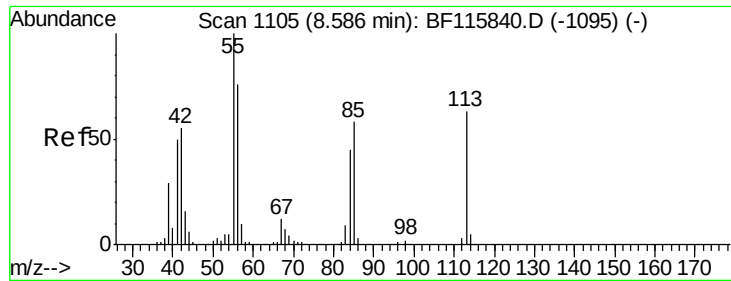
mohammad
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#34
Hexachlorobutadiene
Concen: 41.088 ng
RT: 8.27 min Scan# 1052
Delta R.T. 0.00 min
Lab File: BF115904.D
Acq: 1 Aug 2019 13:39

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100		194564		
223	63.2	50.4	75.6		
227	64.2	51.6	77.4		





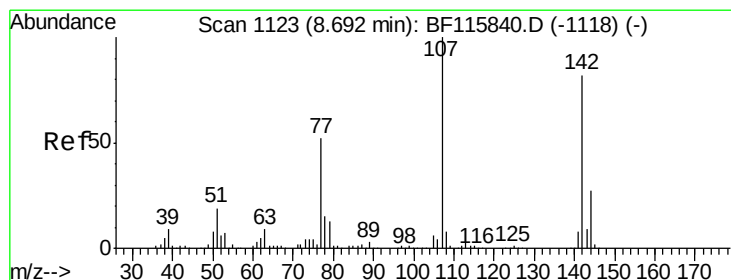
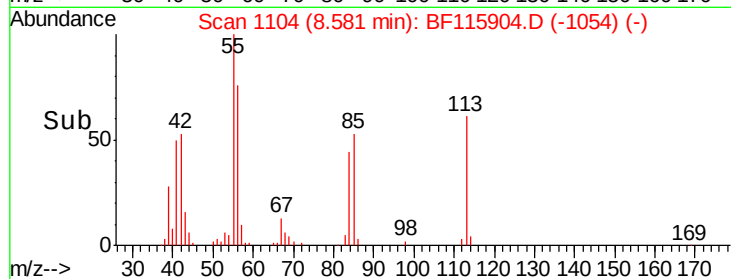
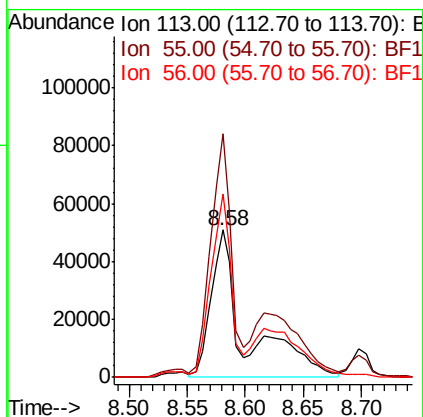
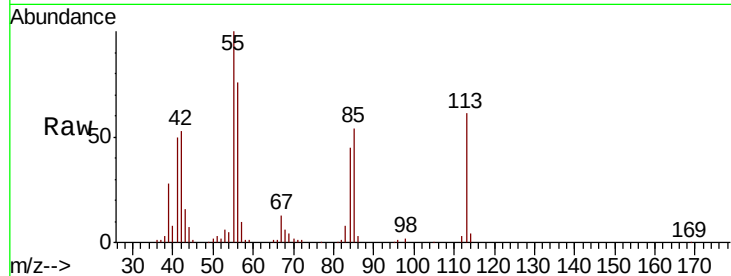
#35
Caprolactam
Concen: 44.959 ng/ml
RT: 8.58 min Scan# 1104
Delta R.T. -0.01 min
Lab File: BF115904.D
Acq: 1 Aug 2019 13:39

Instrument :
BNA_F
ClientSampled :
TP-8-AMSD

Tot Ion	Ratio	Lower	Upper
113	100		
55	165.2	138.1	178.1
56	124.7	100.6	140.6

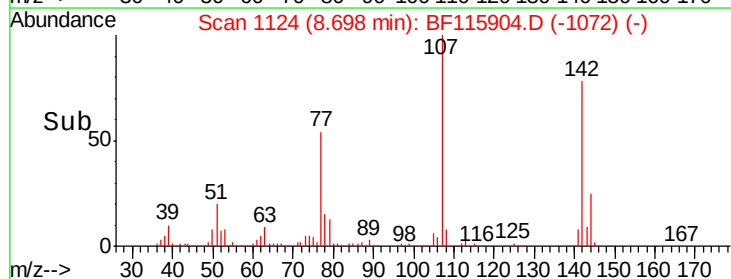
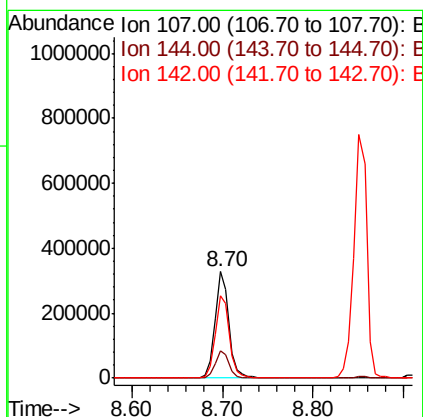
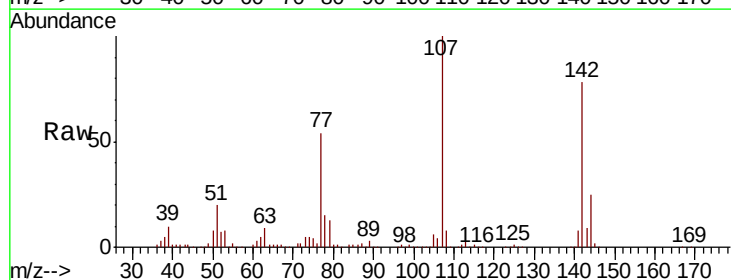
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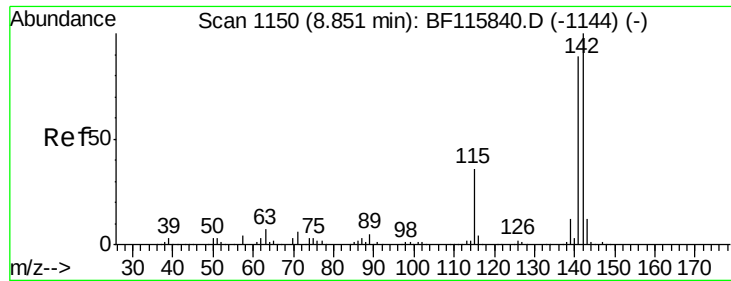
mohammad
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#36
4-Chloro-3-methylphenol
Concen: 46.457 ng/ml
RT: 8.70 min Scan# 1124
Delta R.T. 0.01 min
Lab File: BF115904.D
Acq: 1 Aug 2019 13:39

Tgt Ion	Ratio	Lower	Upper
107	100		
144	25.3	21.4	32.0
142	77.8	65.5	98.3





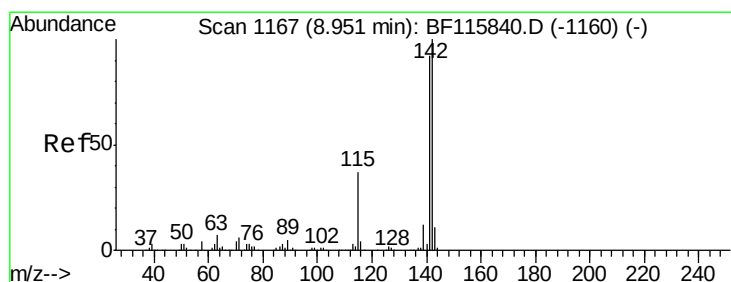
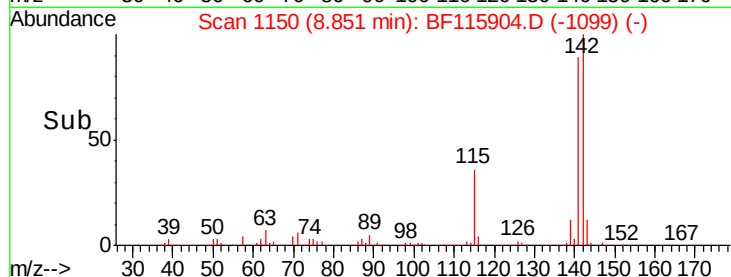
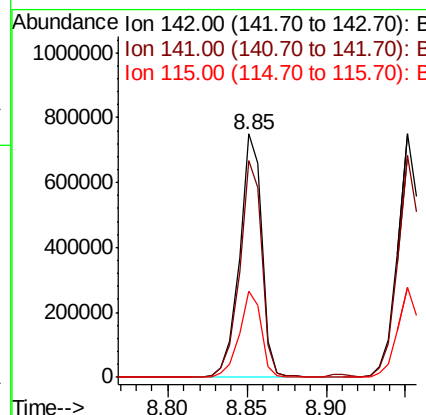
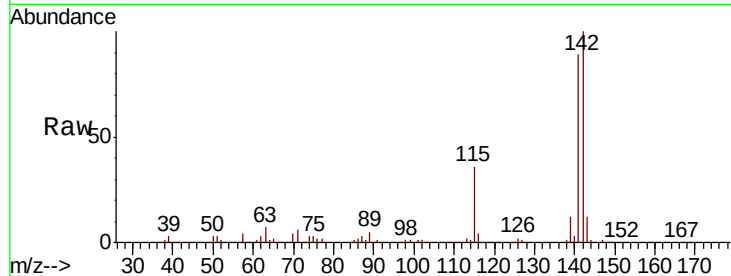
#37
2-Methylnaphthalene
Concen: 45.739 ng
RT: 8.85 min Scan# 1150
Delta R.T. 0.00 min
Lab File: BF115904.D
Acq: 1 Aug 2019 13:39

Instrument :
BNA_F
ClientSampled :
TP-8-AMSD

Tot Ion	Ratio	Lower	Upper
142	100		
141	88.9	71.4	107.2
115	35.6	28.9	43.3

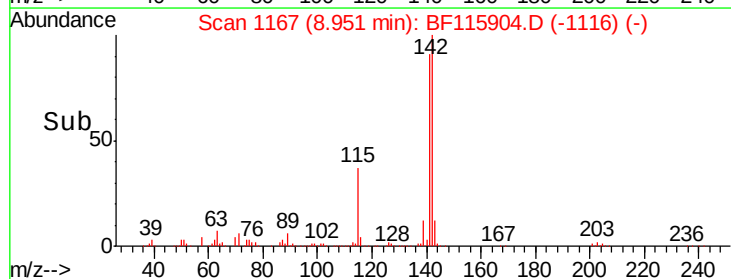
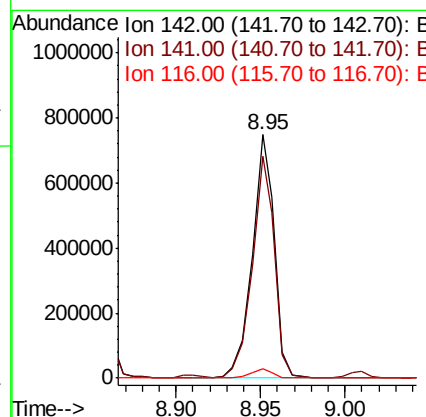
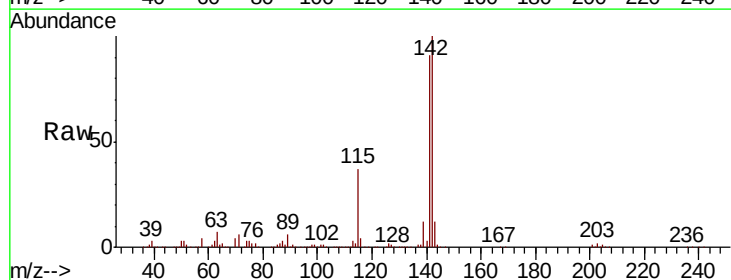
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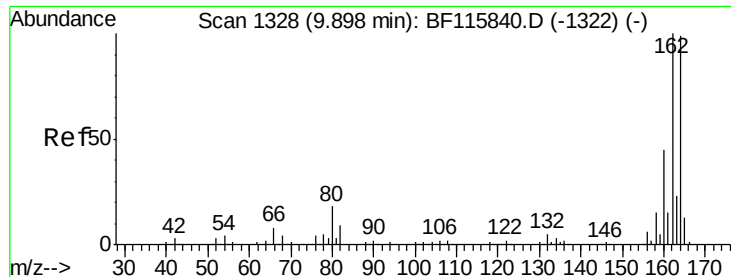
mohammad
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#38
1-Methylnaphthalene
Concen: 45.032 ng
RT: 8.95 min Scan# 1167
Delta R.T. 0.00 min
Lab File: BF115904.D
Acq: 1 Aug 2019 13:39

Tgt Ion	Ratio	Lower	Upper
142	100		
141	91.1	73.8	110.6
116	3.8	3.1	4.7





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.90 min Scan# 1328

Delta R.T. 0.00 min

Lab File: BF115904.D

Acq: 1 Aug 2019 13:39

Instrument :

BNA_F

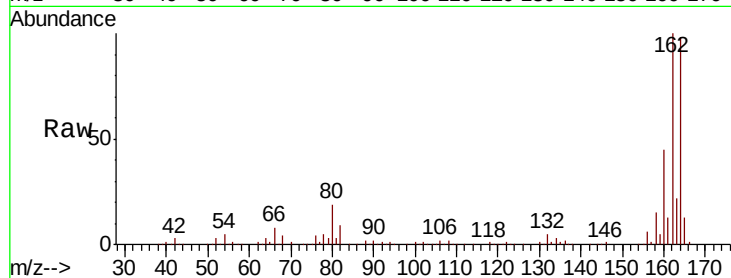
ClientSampleId :

TP-8-AMSD

Tot Ion:	164	Resp:	271102
Ion Ratio	Lower	Upper	
164	100		
162	101.7	80.8	121.2
160	45.6	36.2	54.4

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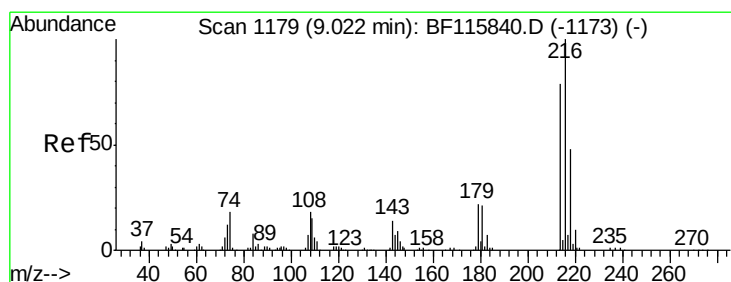
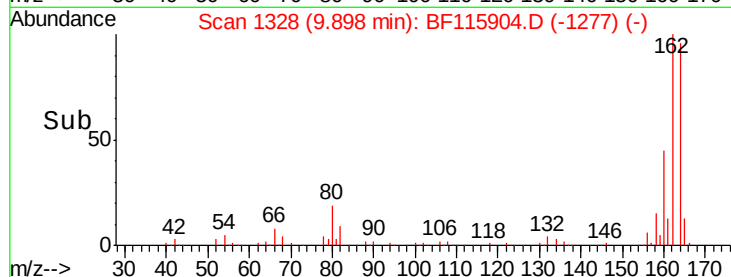
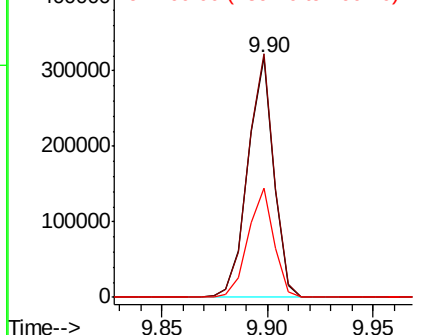


Abundance

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: 45.525 ng

RT: 9.02 min Scan# 1179

Delta R.T. 0.00 min

Lab File: BF115904.D

Acq: 1 Aug 2019 13:39

Tgt Ion:	216	Resp:	329951
Ion Ratio	Lower	Upper	
216	100		
214	78.2	62.8	94.2
179	21.8	17.6	26.4
108	20.1	16.1	24.1

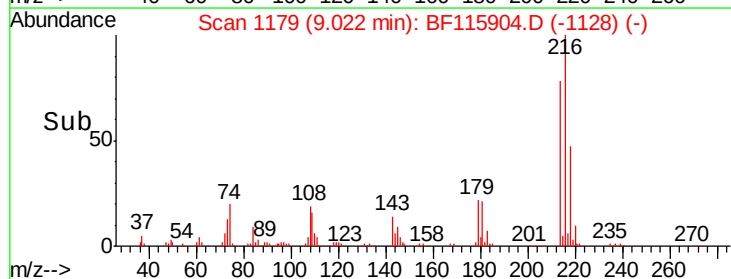
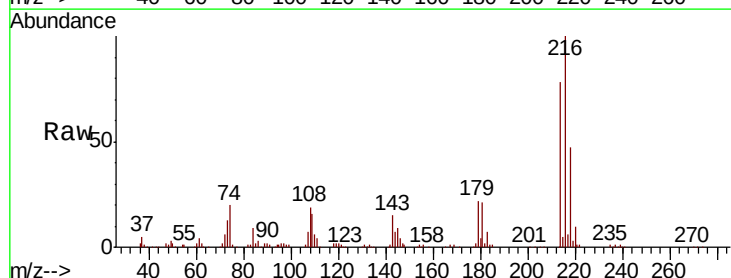
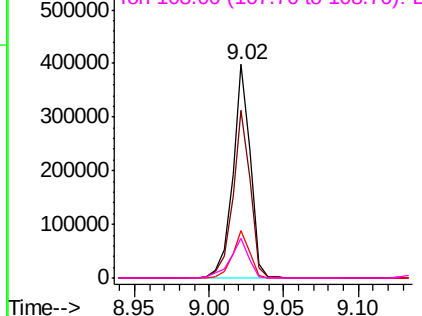
Abundance

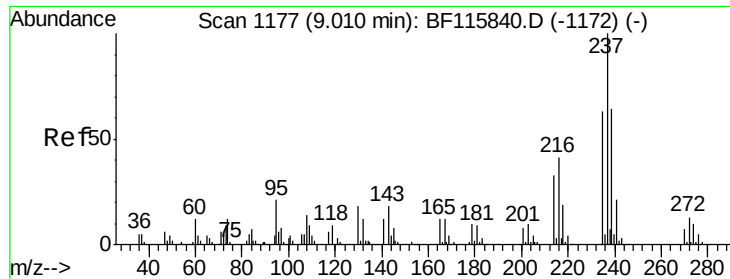
Ion 216.00 (215.70 to 216.70): E

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





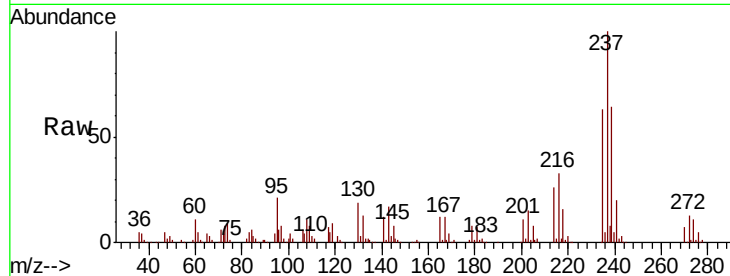
#41
Hexachlorocyclopentadiene
Concen: 42.618 ng
RT: 9.01 min Scan# 1177
Delta R.T. 0.00 min
Lab File: BF115904.D
Acq: 1 Aug 2019 13:39

Instrument :
BNA_F
ClientSampleId :
TP-8-AMSD

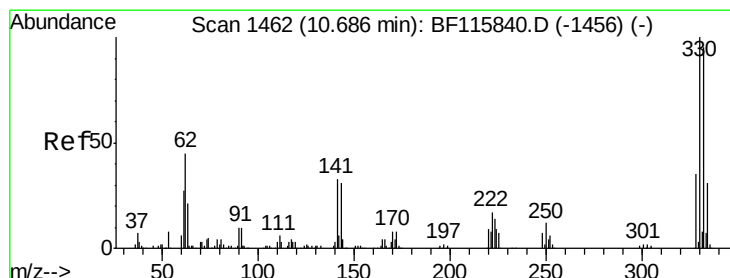
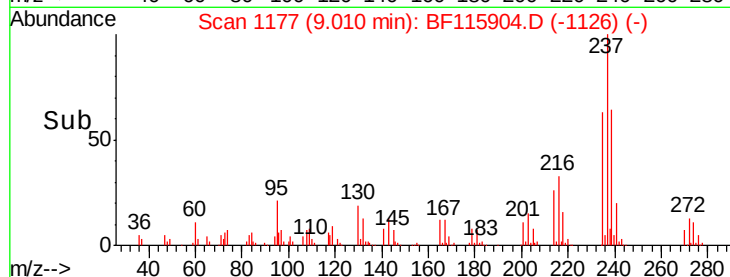
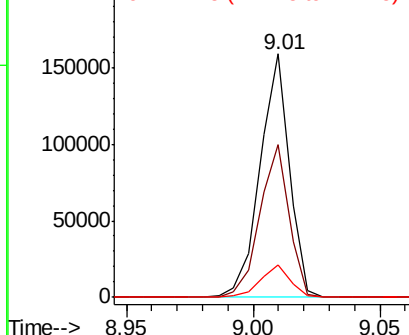
Tot Ion	Ratio	Resp	Lower	Upper
237	100			
235	62.5	42.5	82.5	
272	13.1	0.0	33.3	

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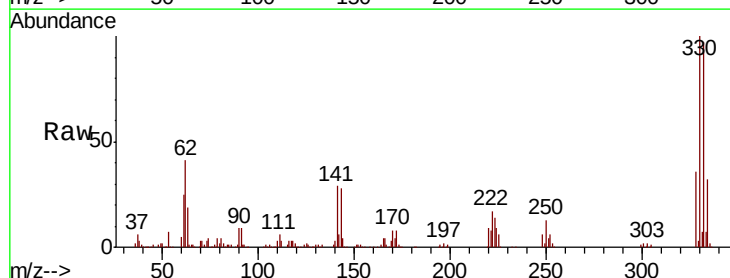


Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E

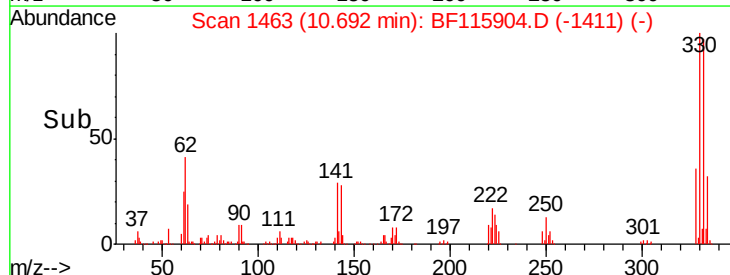
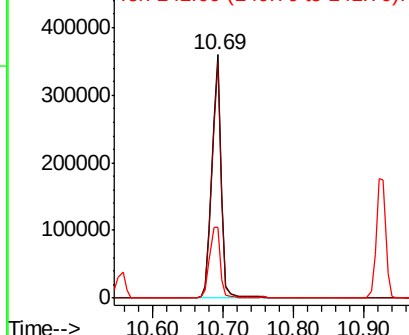


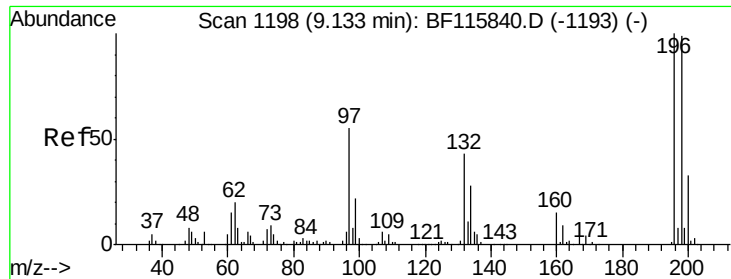
#42
2,4,6-Tribromophenol
Concen: 127.828 ng
RT: 10.69 min Scan# 1463
Delta R.T. 0.01 min
Lab File: BF115904.D
Acq: 1 Aug 2019 13:39

Tgt Ion	Ratio	Resp	Lower	Upper
330	100			
332	96.5	77.7	116.5	
141	33.2	28.1	42.1	



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





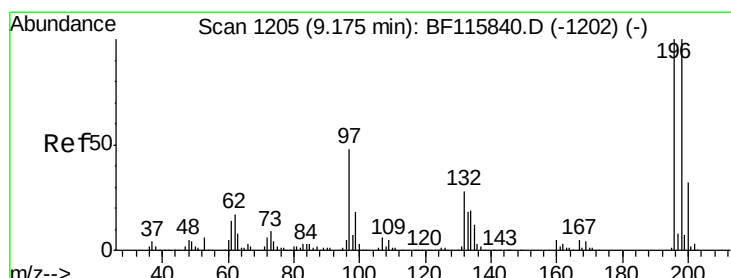
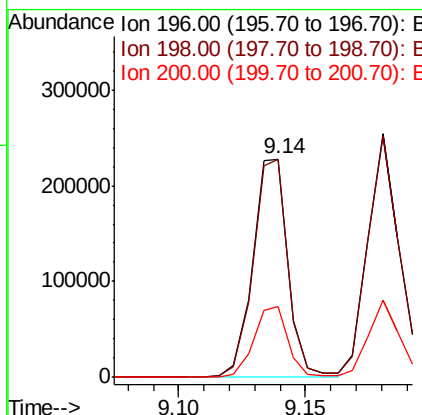
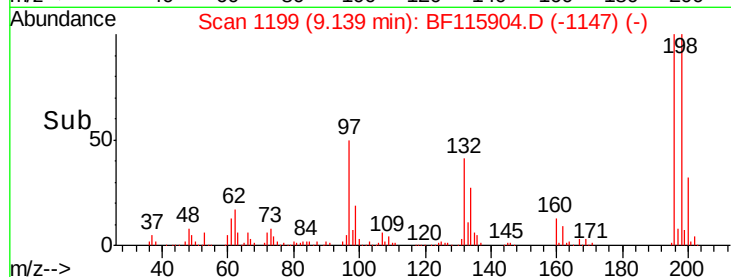
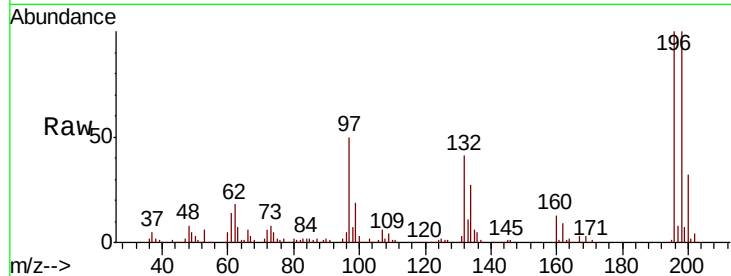
#43
 2,4,6-Trichlorophenol
 Concen: 44.141 ng
 RT: 9.14 min Scan# 1199
 Delta R.T. 0.01 min
 Lab File: BF115904.D
 Acq: 1 Aug 2019 13:39

Instrument :
 BNA_F
 ClientSampleId :
 TP-8-AMSD

Tot Ion:	196	Resp:	220204
Ion Ratio	Lower	Upper	
196	100		
198	99.7	79.1	118.7
200	32.5	26.0	39.0

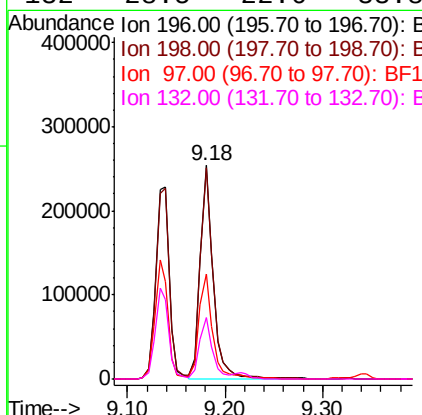
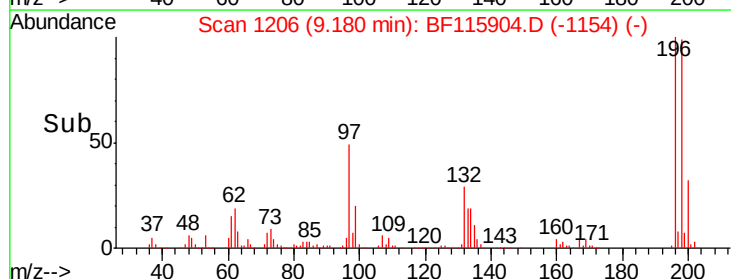
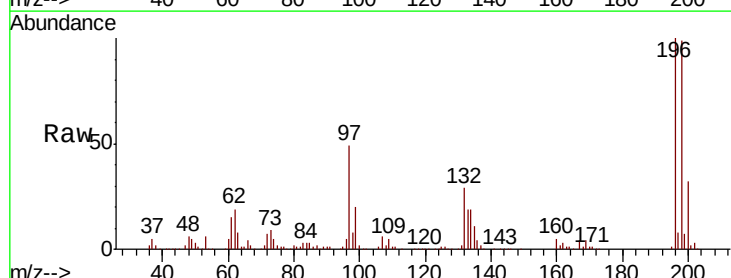
Manual Integrations
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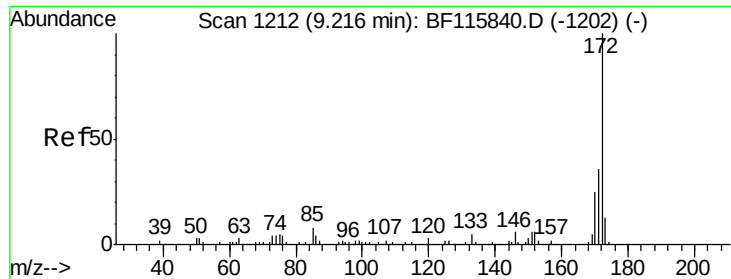
mohammad
 8/5/2019 1:47:58 PM



#44
 2,4,5-Trichlorophenol
 Concen: 45.654 ng
 RT: 9.18 min Scan# 1206
 Delta R.T. 0.01 min
 Lab File: BF115904.D
 Acq: 1 Aug 2019 13:39

Tgt Ion:	196	Resp:	235426
Ion Ratio	Lower	Upper	
196	100		
198	98.9	80.1	120.1
97	49.0	38.9	58.3
132	28.5	22.6	33.8





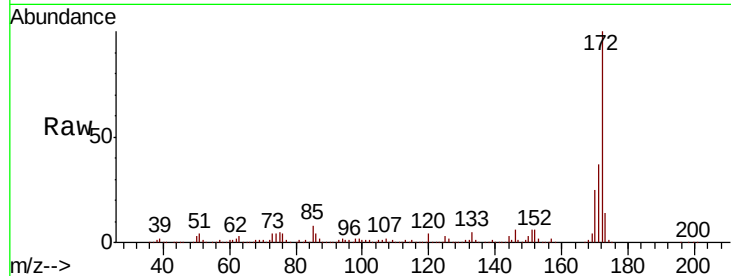
#45
2-Fluorobiphenyl
Concen: 96.342 ng
RT: 9.22 min Scan# 1212
Delta R.T. 0.00 min
Lab File: BF115904.D
Acq: 1 Aug 2019 13:39

Instrument :
BNA_F
ClientSampleId :
TP-8-AMSD

Tot Ion	Ratio	Lower	Upper
172	100		
171	37.1	29.1	43.7
170	25.1	20.1	30.1

Manual Integrations
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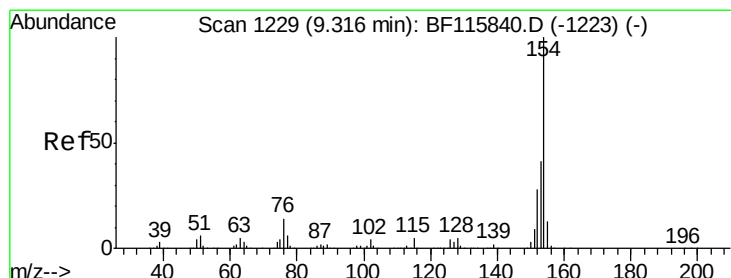
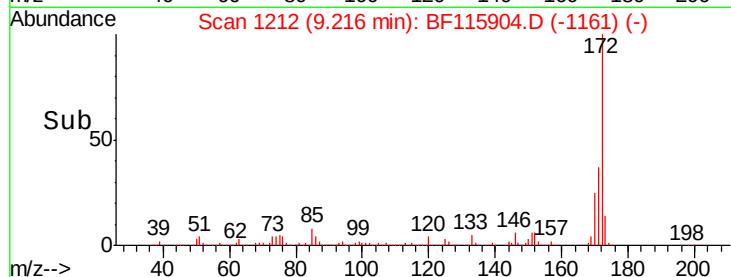
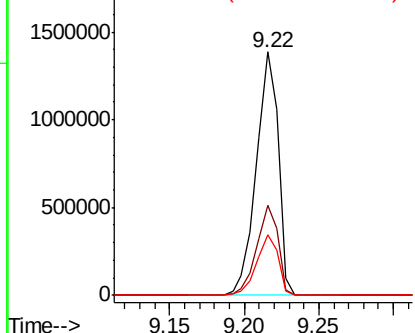


Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#46
1,1'-Biphenyl
Concen: 45.820 ng
RT: 9.32 min Scan# 1229
Delta R.T. 0.00 min
Lab File: BF115904.D
Acq: 1 Aug 2019 13:39

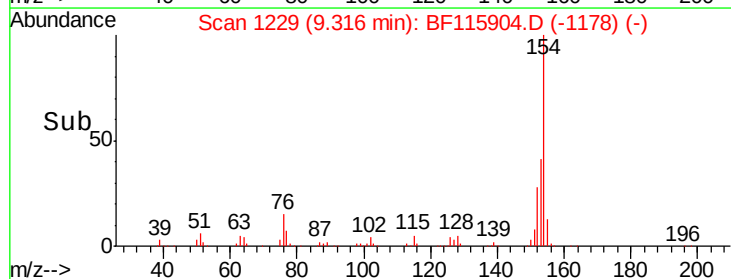
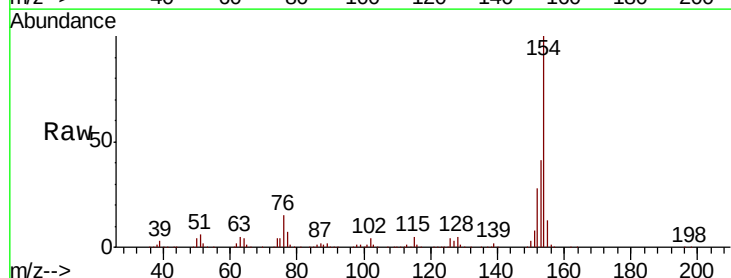
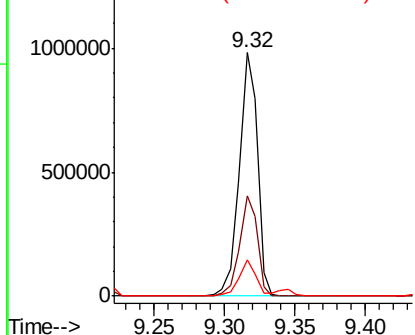
Tgt Ion	Ratio	Lower	Upper
154	100		
153	41.0	20.9	60.9
76	14.8	0.0	34.3

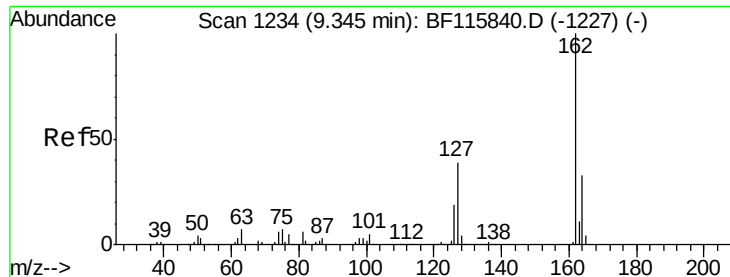
Abundance

Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF1





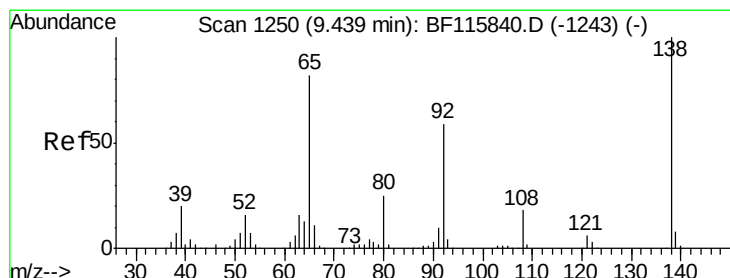
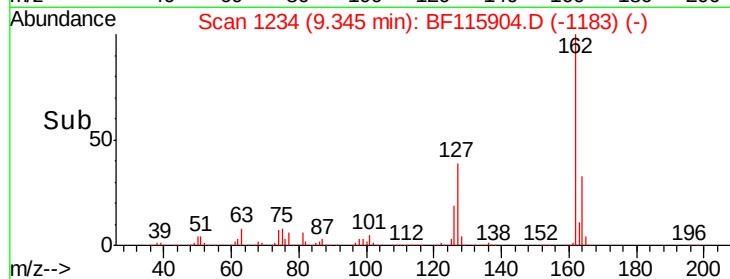
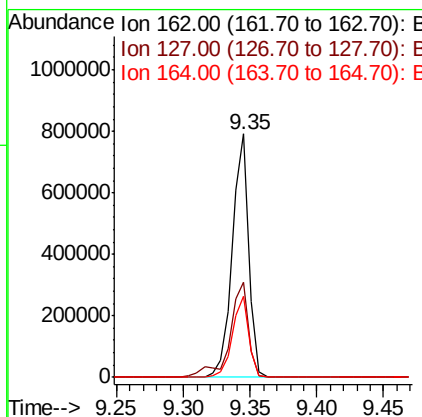
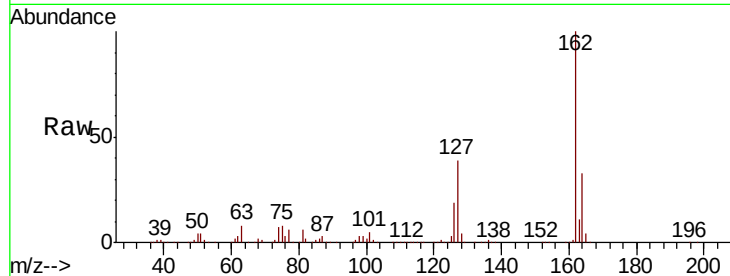
#47
 2-Chloronaphthalene
 Concen: 43.364 ng
 RT: 9.35 min Scan# 1234
 Delta R.T. 0.00 min
 Lab File: BF115904.D
 Acq: 1 Aug 2019 13:39

Instrument :
 BNA_F
 ClientSampled :
 TP-8-AMSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
162	100				
127	38.9	31.3	46.9		
164	33.1	26.6	40.0		

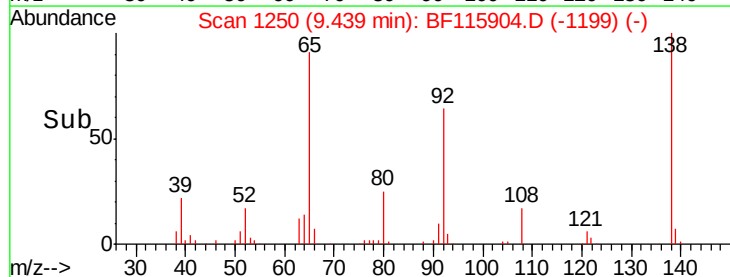
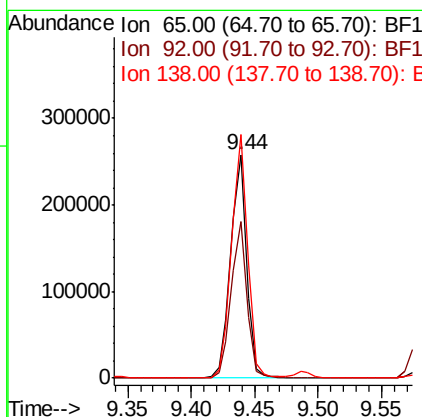
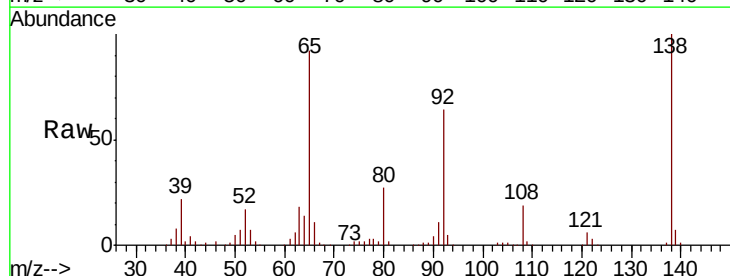
Manual Integrations
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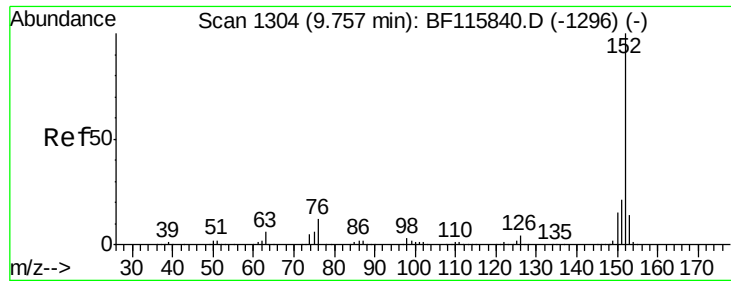
mohammad
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#48
 2-Nitroaniline
 Concen: 42.945 ng
 RT: 9.44 min Scan# 1250
 Delta R.T. 0.00 min
 Lab File: BF115904.D
 Acq: 1 Aug 2019 13:39

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
65	100				
92	70.0	57.1	85.7		
138	108.8	97.1	145.7		





#49

Acenaphthylene

Concen: 45.631 ng

RT: 9.76 min Scan# 1304

Delta R.T. 0.00 min

Lab File: BF115904.D

Acq: 1 Aug 2019 13:39

Instrument :

BNA_F

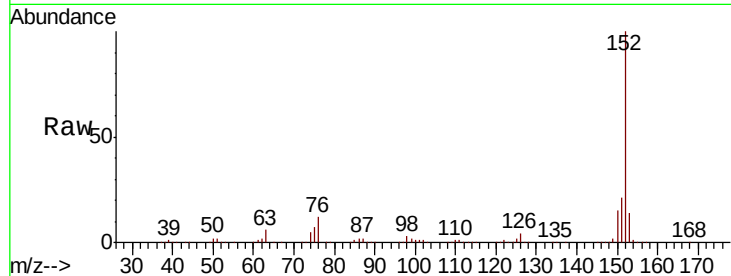
ClientSampleId :

TP-8-AMSD

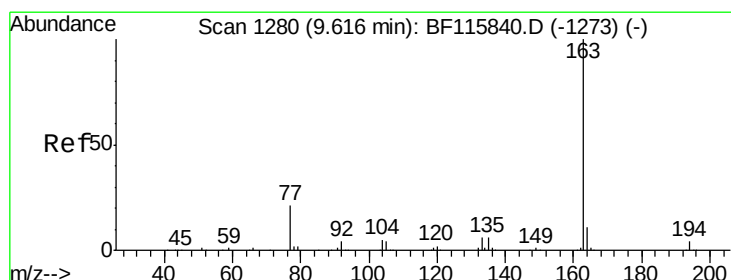
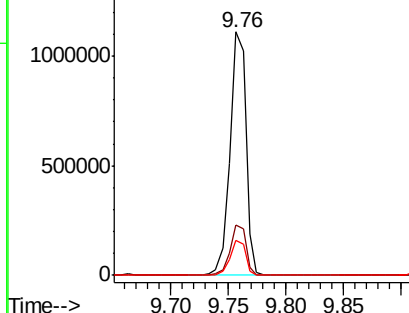
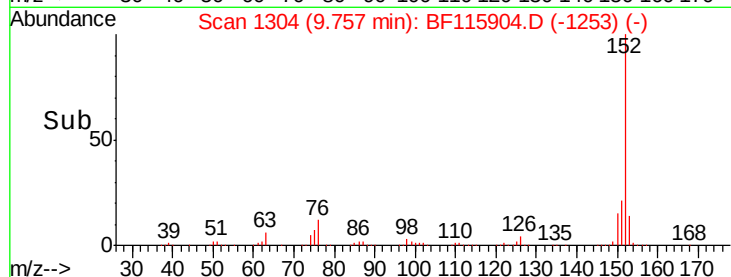
Tot Ion:	152	Resp:	1060475
Ion	Ratio	Lower	Upper
152	100		
151	20.7	16.8	25.2
153	14.2	11.6	17.4

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Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 62.506 ng

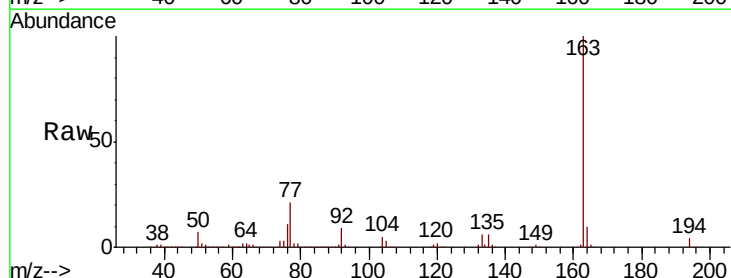
RT: 9.62 min Scan# 1281

Delta R.T. 0.01 min

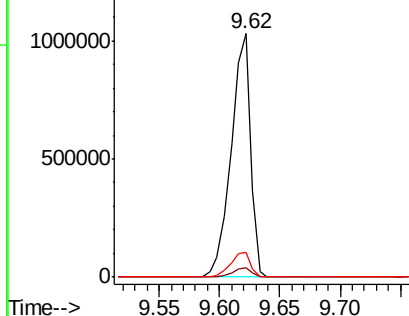
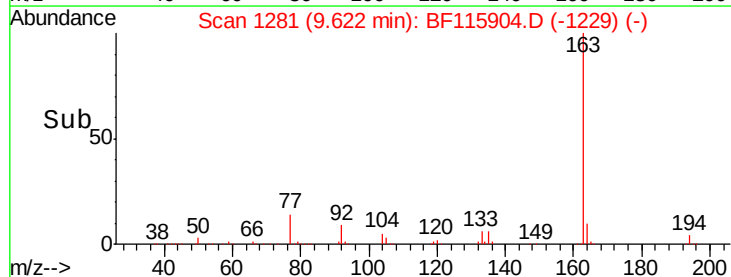
Lab File: BF115904.D

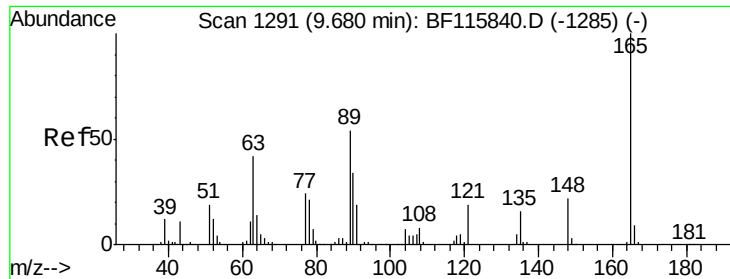
Acq: 1 Aug 2019 13:39

Tgt Ion:	163	Resp:	1153789
Ion	Ratio	Lower	Upper
163	100		
194	3.9	3.0	4.6
164	10.3	8.4	12.6



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E





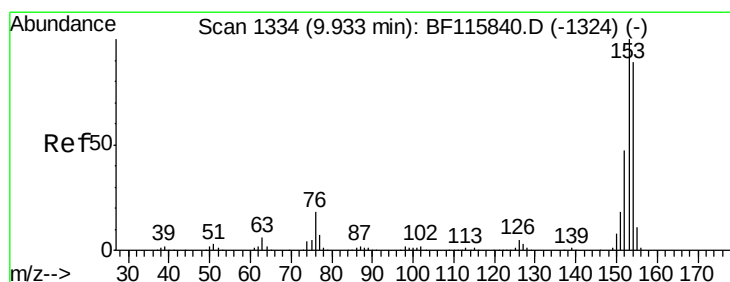
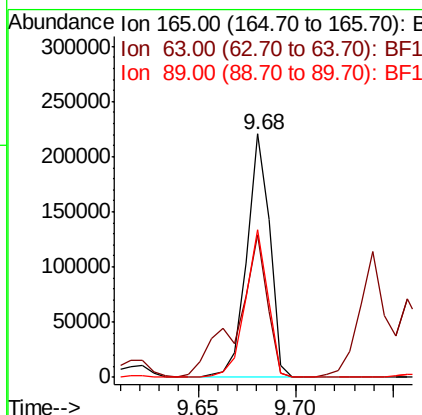
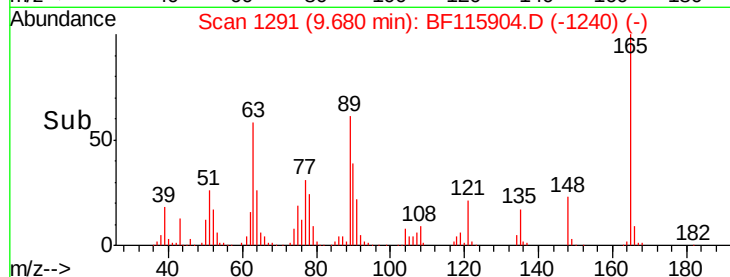
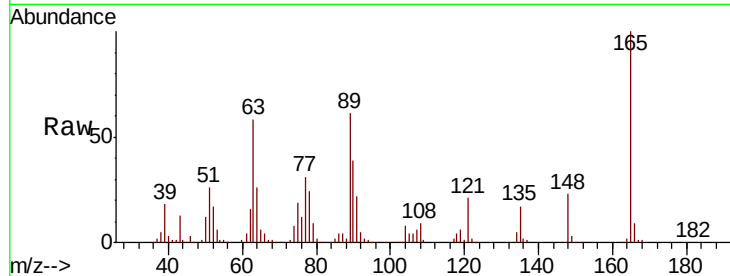
#51
 2,6-Dinitrotoluene
 Concen: 44.960 ng
 RT: 9.68 min Scan# 1291
 Delta R.T. 0.00 min
 Lab File: BF115904.D
 Acq: 1 Aug 2019 13:39

Instrument :
 BNA_F
 ClientSampled :
 TP-8-AMSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
165	100		180356		
63	58.3	39.4	59.2		
89	60.9	43.0	64.6		

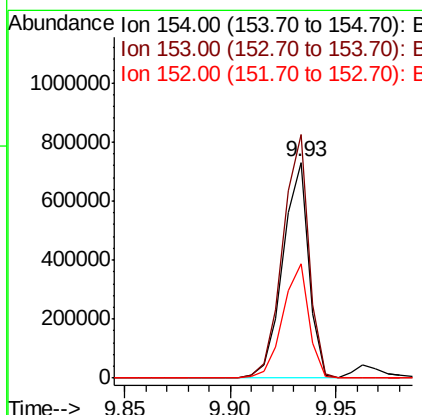
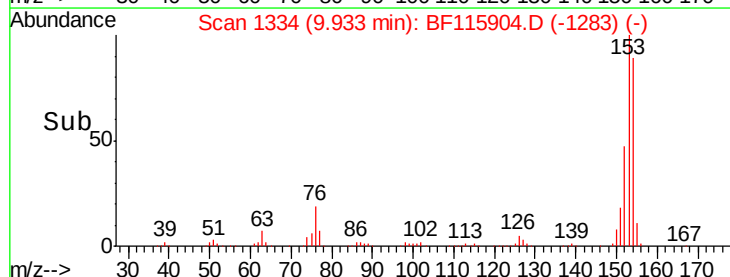
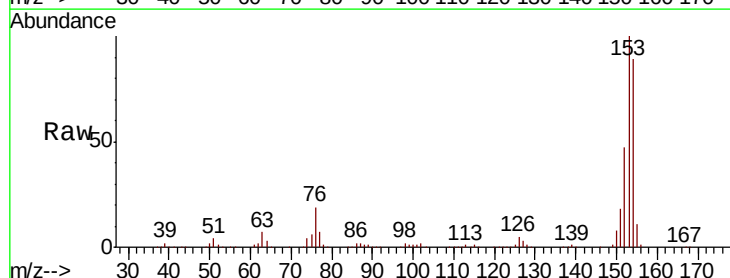
Manual Integrations
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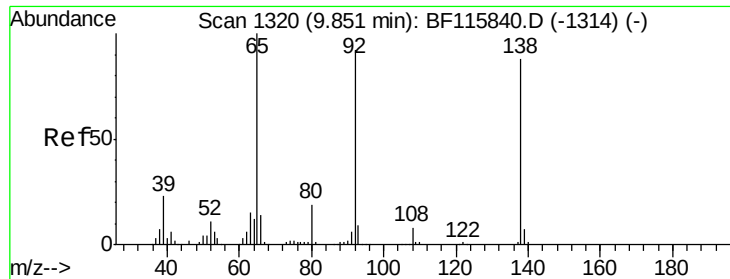
mohammad
 8/5/2019 1:47:58 PM



#52
 Acenaphthene
 Concen: 44.097 ng
 RT: 9.93 min Scan# 1334
 Delta R.T. 0.00 min
 Lab File: BF115904.D
 Acq: 1 Aug 2019 13:39

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
154	100		628709		
153	112.9	90.1	135.1		
152	53.2	42.6	63.8		





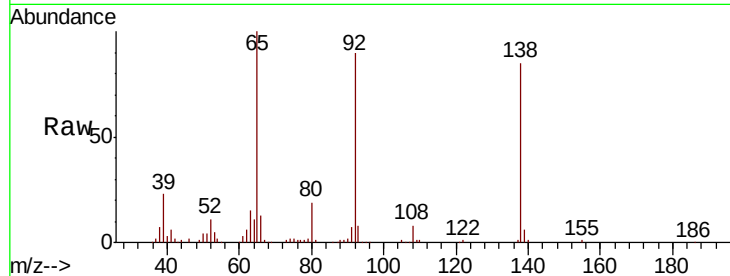
#53
3-Nitroaniline
Concen: 23.041 ng
RT: 9.85 min Scan# 1320
Delta R.T. 0.00 min
Lab File: BF115904.D
Acq: 1 Aug 2019 13:39

Instrument :
BNA_F
ClientSampleId :
TP-8-AMSD

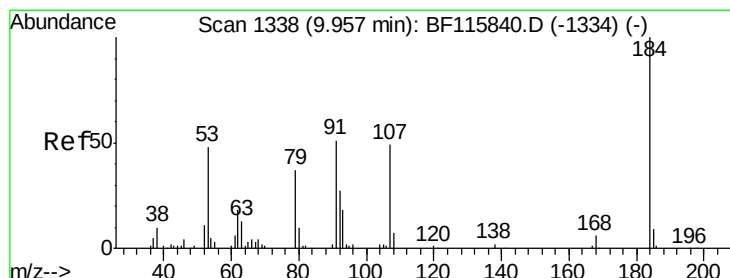
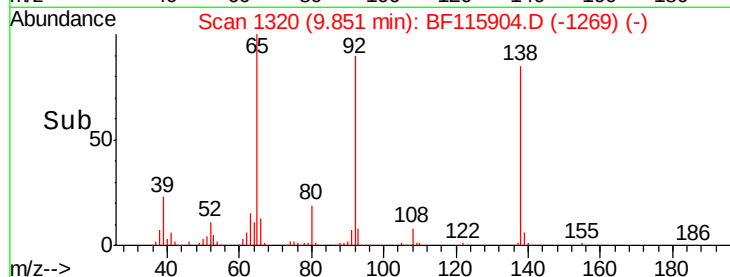
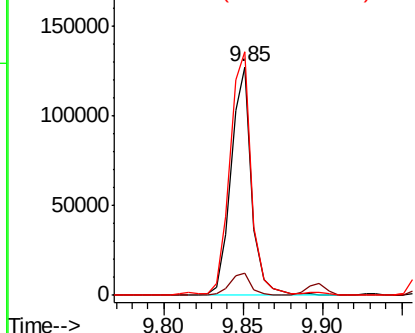
Tot Ion	Ratio	Lower	Upper
138	100		
108	9.6	7.4	11.2
92	106.6	83.9	125.9

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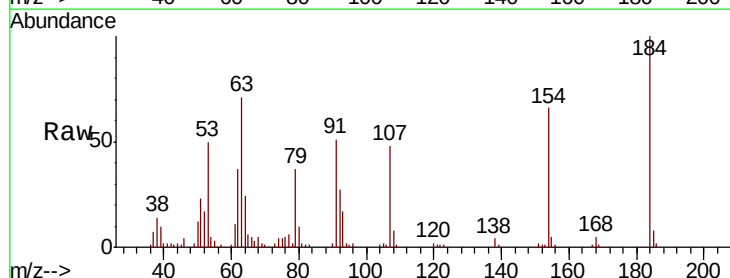


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

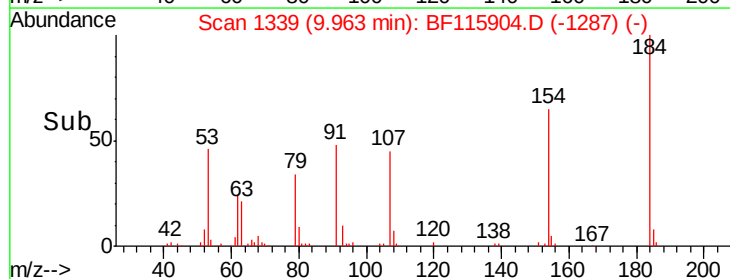
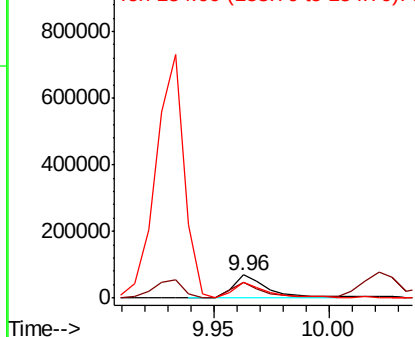


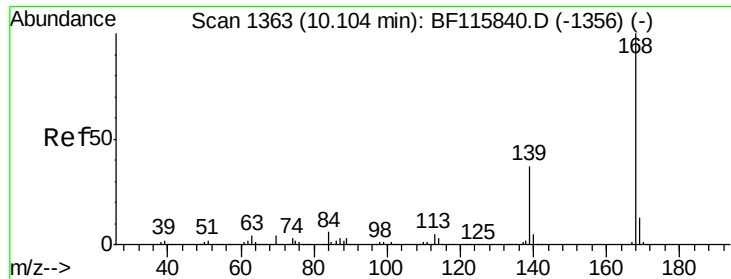
#54
2,4-Dinitrophenol
Concen: 39.983 ng
RT: 9.96 min Scan# 1339
Delta R.T. 0.01 min
Lab File: BF115904.D
Acq: 1 Aug 2019 13:39

Tgt Ion	Ratio	Lower	Upper
184	100		
63	71.1	56.7	85.1
154	66.0	51.9	77.9



Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 154.00 (153.70 to 154.70): E





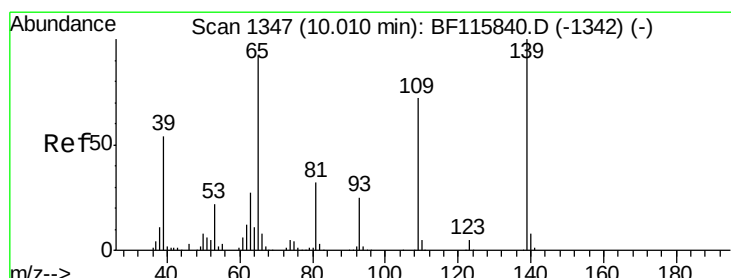
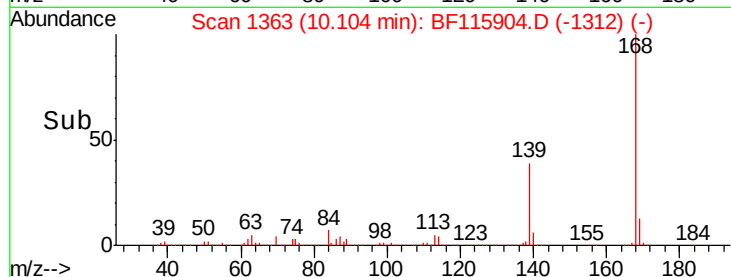
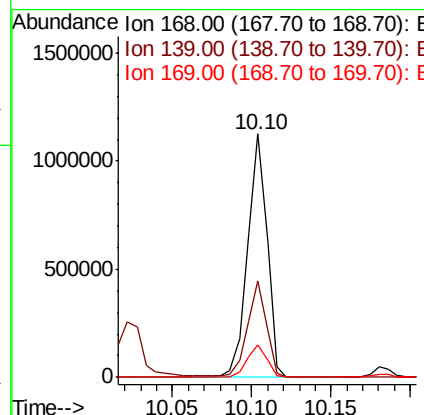
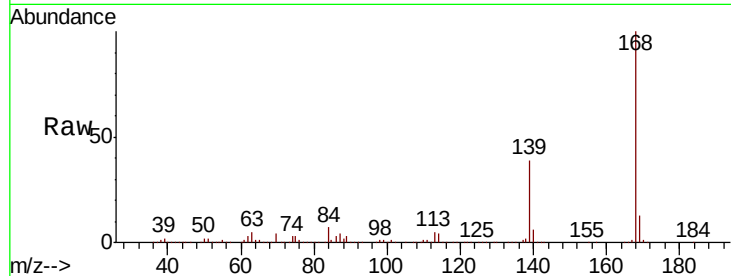
#55
Dibenzofuran
Concen: 45.741 ng
RT: 10.10 min Scan# 1363
Delta R.T. 0.00 min
Lab File: BF115904.D
Acq: 1 Aug 2019 13:39

Instrument :
BNA_F
ClientSampleId :
TP-8-AMSD

Tot Ion	Ratio	Resp	Lower	Upper
168	100	948401		
139	39.4		30.2	45.2
169	13.4		10.8	16.2

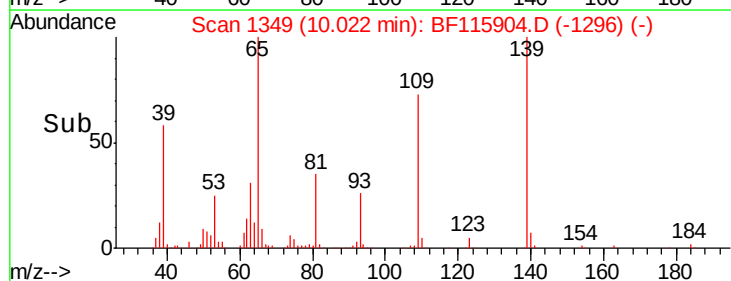
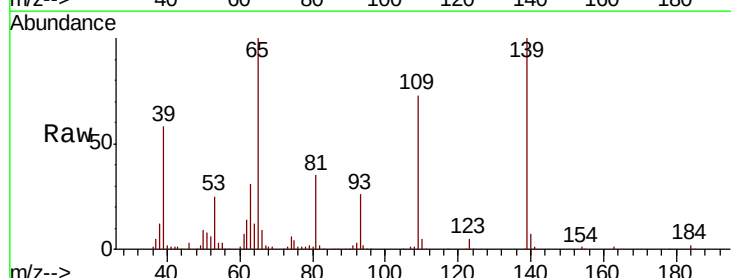
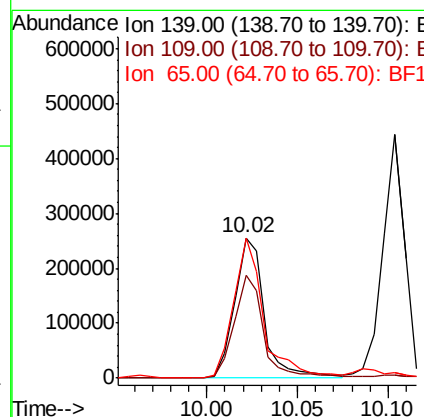
Manual Integrations
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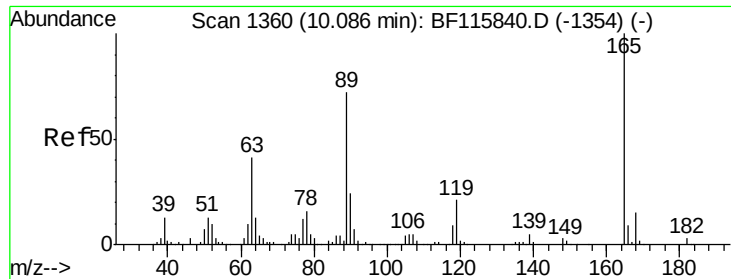
mohammad
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#56
4-Nitrophenol
Concen: 91.972 ng
RT: 10.02 min Scan# 1349
Delta R.T. 0.01 min
Lab File: BF115904.D
Acq: 1 Aug 2019 13:39

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	292033		
109	73.0		52.0	92.0
65	99.7		72.6	112.6





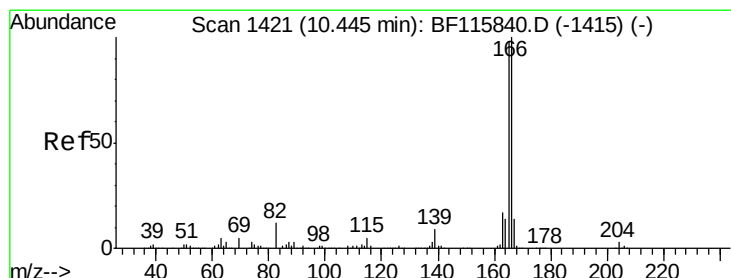
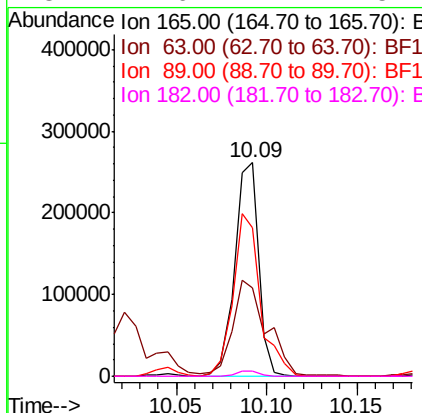
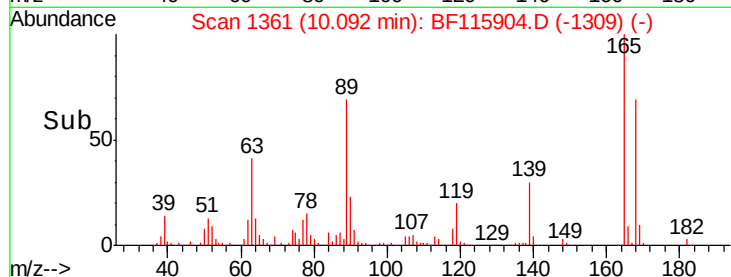
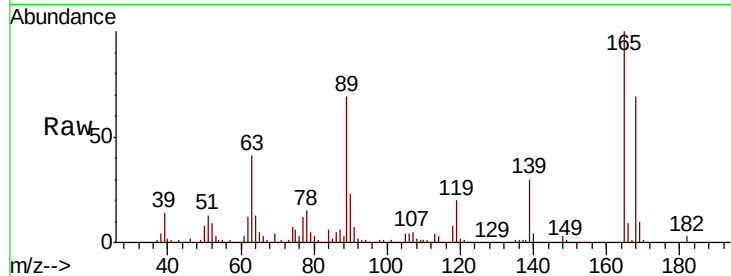
#57
 2,4-Dinitrotoluene
 Concen: 45.027 ng
 RT: 10.09 min Scan# 1361
 Delta R.T. 0.01 min
 Lab File: BF115904.D
 Acq: 1 Aug 2019 13:39

Instrument :
 BNA_F
 ClientSampleId :
 TP-8-AMSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
165	100		240485		
63	41.1	33.2	49.8		
89	69.3	57.3	85.9		
182	2.6	2.1	3.1		

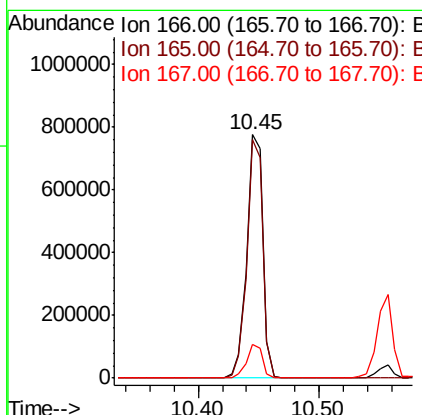
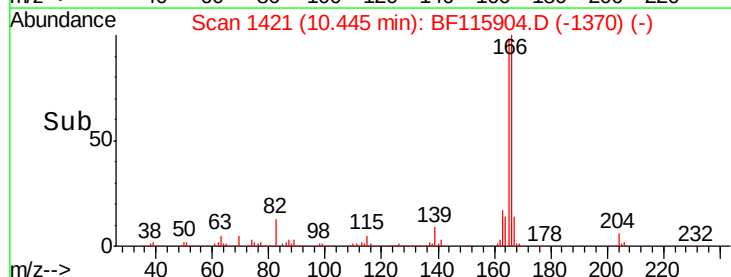
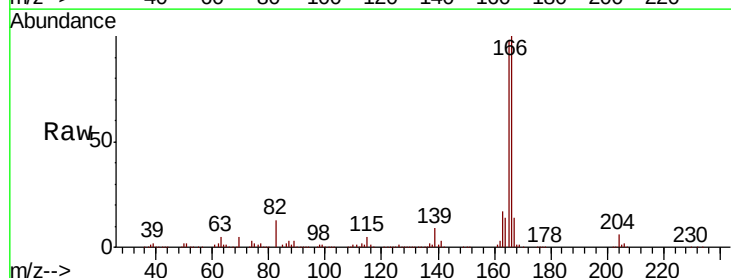
Manual Integrations
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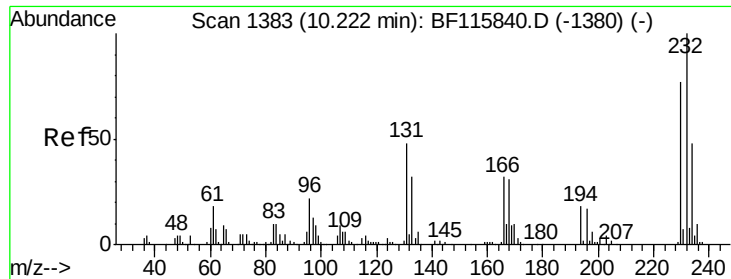
mohammad
 8/5/2019 1:47:58 PM



#58
 Fluorene
 Concen: 45.506 ng
 RT: 10.45 min Scan# 1421
 Delta R.T. 0.00 min
 Lab File: BF115904.D
 Acq: 1 Aug 2019 13:39

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
166	100		725934		
165	98.2	78.6	118.0		
167	13.9	10.9	16.3		





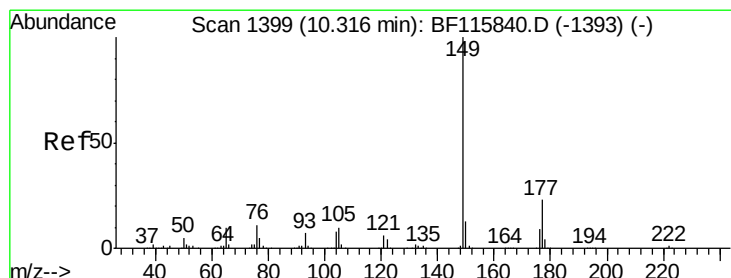
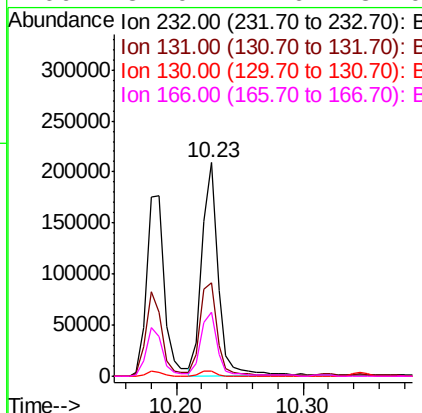
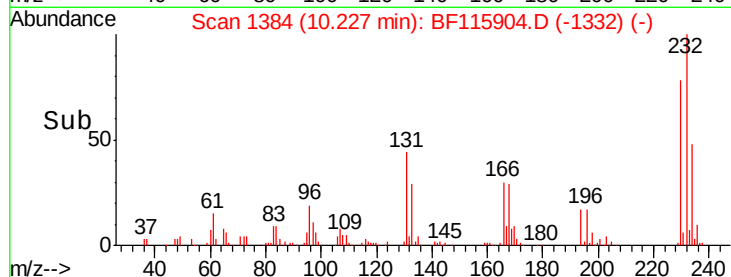
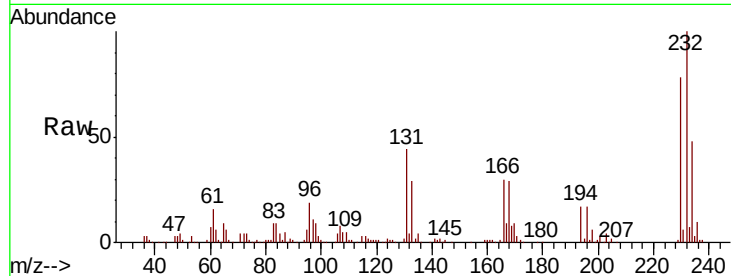
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 43.037 ng
 RT: 10.23 min Scan# 1384
 Delta R.T. 0.01 min
 Lab File: BF115904.D
 Acq: 1 Aug 2019 13:39

Instrument :
 BNA_F
 ClientSampleId :
 TP-8-AMSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
232	100		186716		
131	46.6	37.6	56.4		
130	2.4	1.8	2.8		
166	31.0	24.6	37.0		

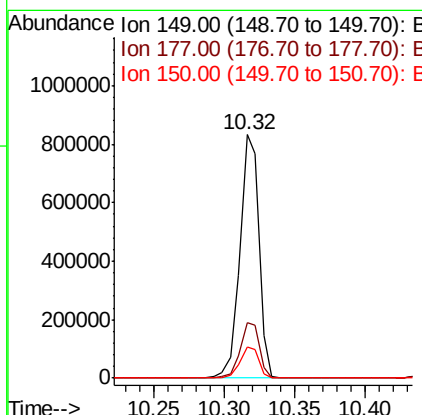
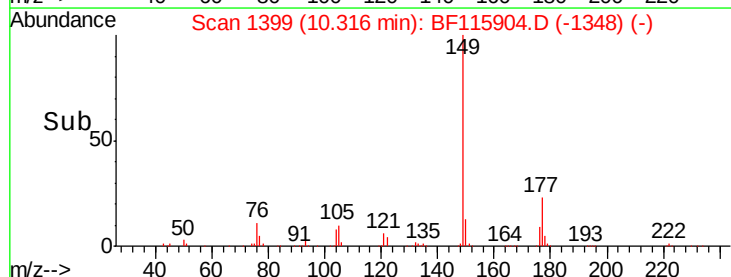
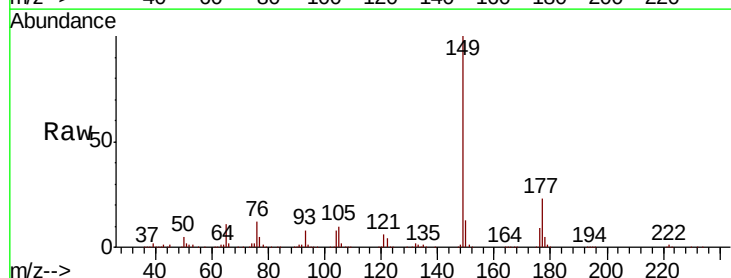
Manual Integrations
 APPROVED

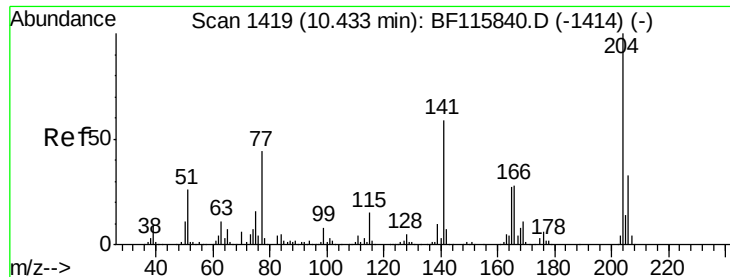
mohammad
 8/5/2019 1:47:58 PM



#60
 Diethylphthalate
 Concen: 45.277 ng
 RT: 10.32 min Scan# 1399
 Delta R.T. 0.00 min
 Lab File: BF115904.D
 Acq: 1 Aug 2019 13:39

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
149	100		780291		
177	22.8	18.4	27.6		
150	13.0	10.1	15.1		





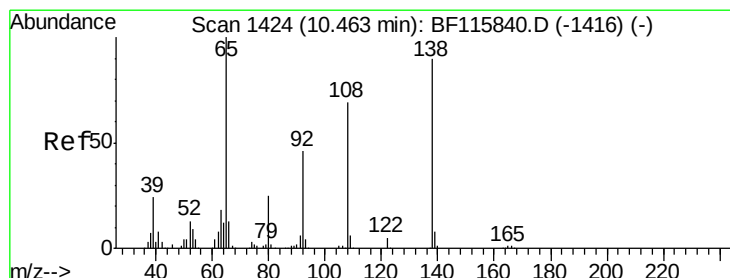
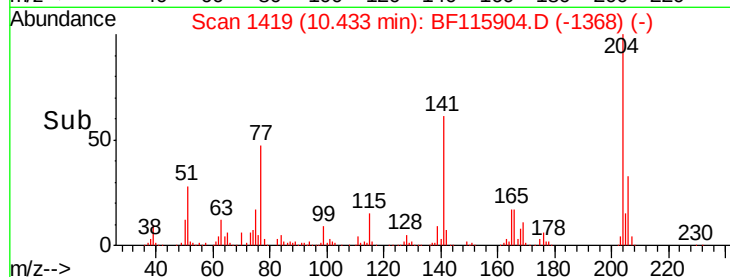
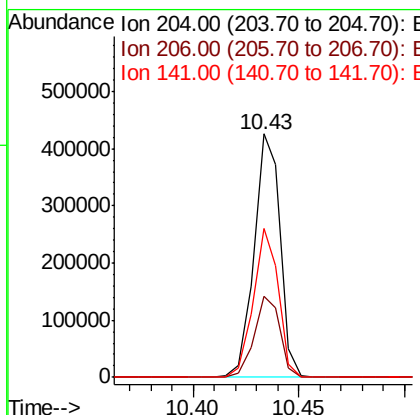
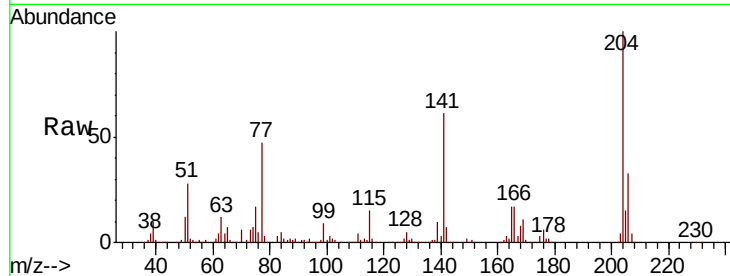
#61
 4-Chlorophenyl-phenylether
 Concen: 45.127 ng
 RT: 10.43 min Scan# 1419
 Delta R.T. 0.00 min
 Lab File: BF115904.D
 Acq: 1 Aug 2019 13:39

Instrument :
 BNA_F
 ClientSampled :
 TP-8-AMSD

Tot Ion:	204	Resp:	364582
Ion Ratio	Lower	Upper	
204	100		
206	33.2	26.4	39.6
141	61.3	47.0	70.4

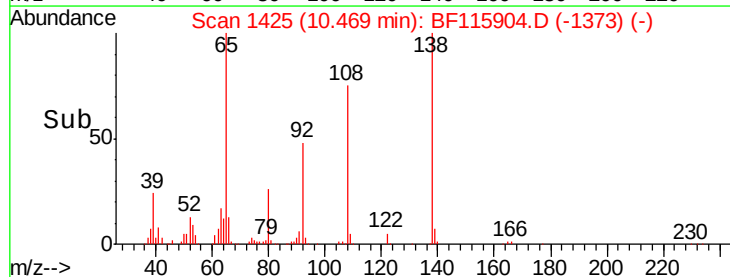
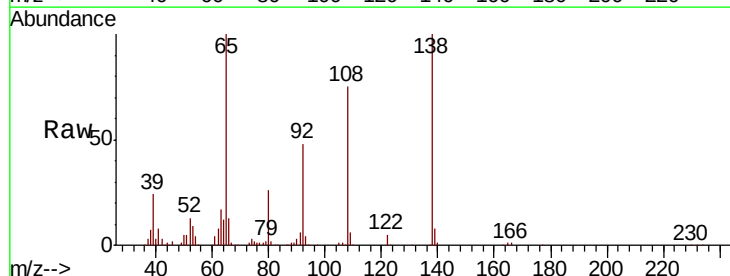
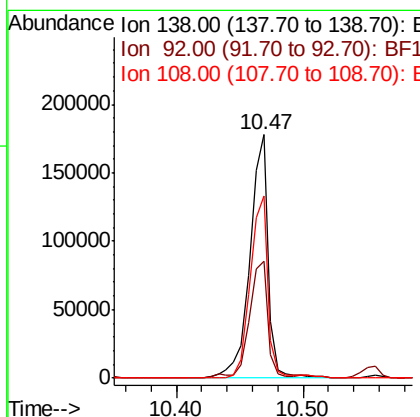
Manual Integrations
 APPROVED

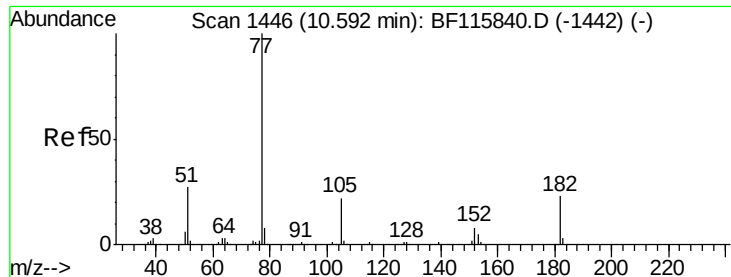
mohammad
 8/5/2019 1:47:58 PM



#62
 4-Nitroaniline
 Concen: 35.197 ng
 RT: 10.47 min Scan# 1425
 Delta R.T. 0.01 min
 Lab File: BF115904.D
 Acq: 1 Aug 2019 13:39

Tgt Ion:	138	Resp:	180293
Ion Ratio	Lower	Upper	
138	100		
92	47.8	31.0	71.0
108	74.8	56.7	96.7





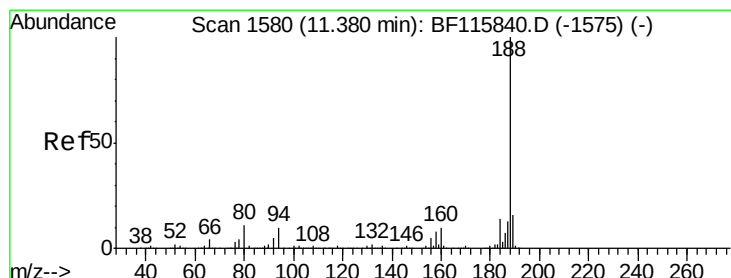
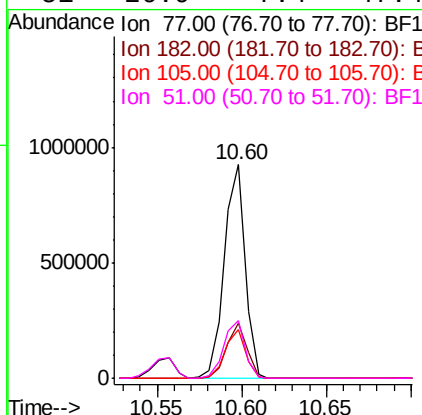
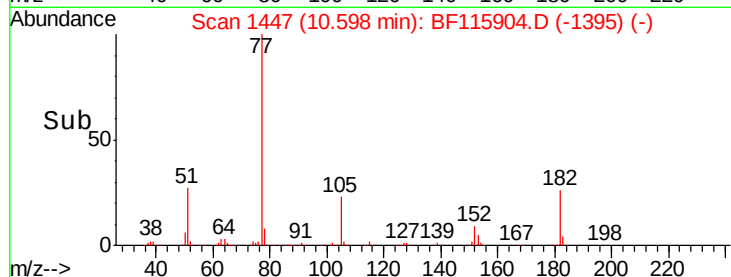
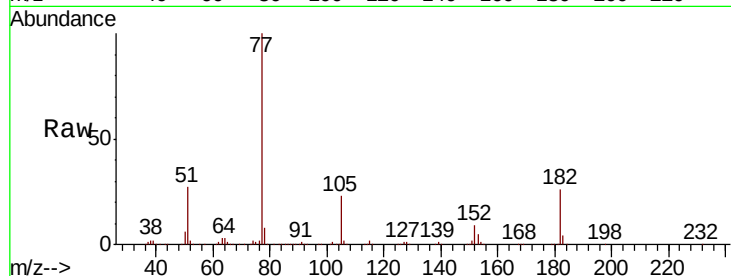
#63
Azobenzene
Concen: 44.893 ng
RT: 10.60 min Scan# 1447
Delta R.T. 0.01 min
Lab File: BF115904.D
Acq: 1 Aug 2019 13:39

Instrument :
BNA_F
ClientSampleId :
TP-8-AMSD

Tot Ion	Ratio	Lower	Upper
77	100		
182	25.9	2.6	42.6
105	22.6	1.6	41.6
51	26.9	7.4	47.4

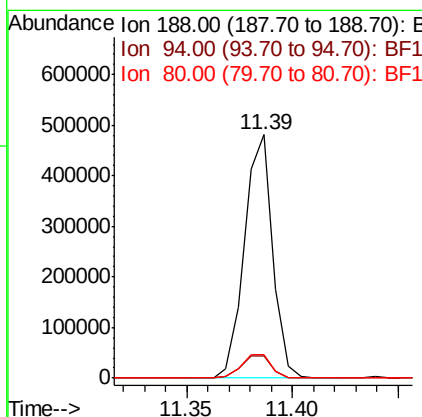
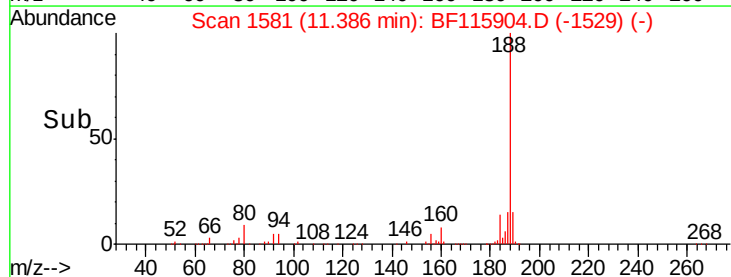
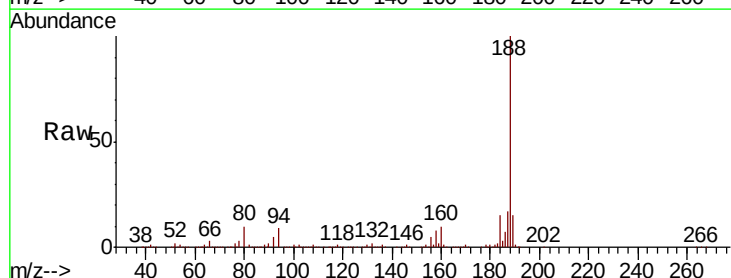
Manual Integrations
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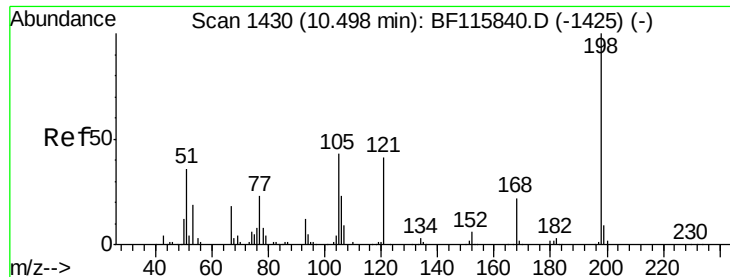
mohammad
8/5/2019 1:47:58 PM



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.39 min Scan# 1581
Delta R.T. 0.01 min
Lab File: BF115904.D
Acq: 1 Aug 2019 13:39

Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.0	8.0	12.0
80	9.8	8.6	12.8





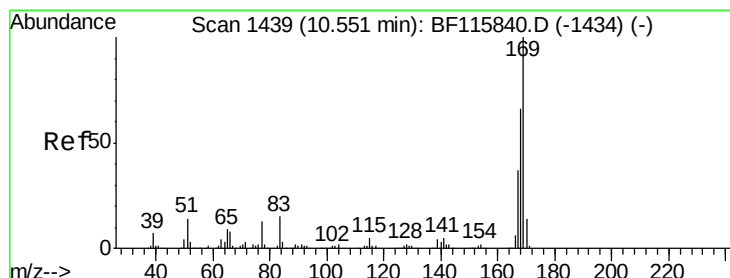
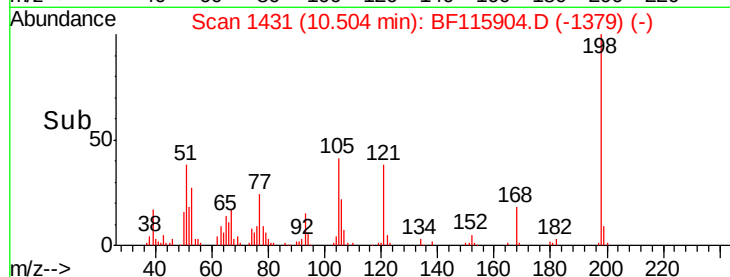
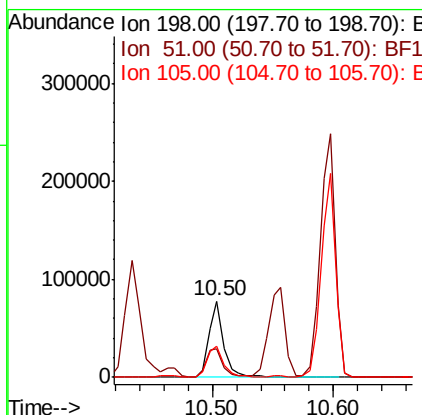
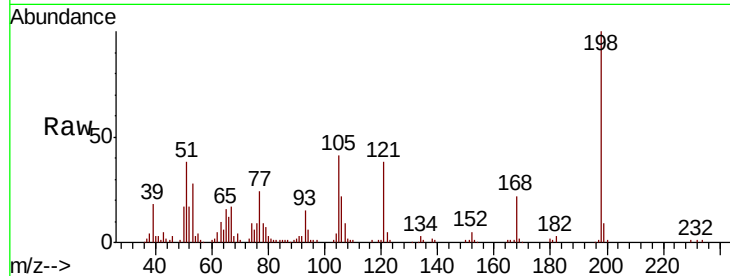
#65
 4,6-Dinitro-2-methylphenol
 Concen: 28.048 ng
 RT: 10.50 min Scan# 1431
 Delta R.T. 0.01 min
 Lab File: BF115904.D
 Acq: 1 Aug 2019 13:39

Instrument :
 BNA_F
 ClientSampleId :
 TP-8-AMSD

Tot Ion	Ratio	Resp	Lower	Upper
198	100	66123		
51	37.7	21.1	61.1	
105	40.9	24.5	64.5	

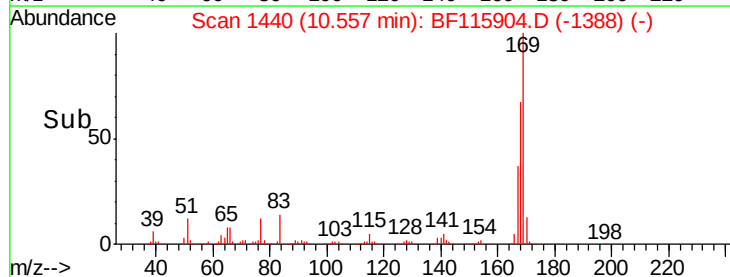
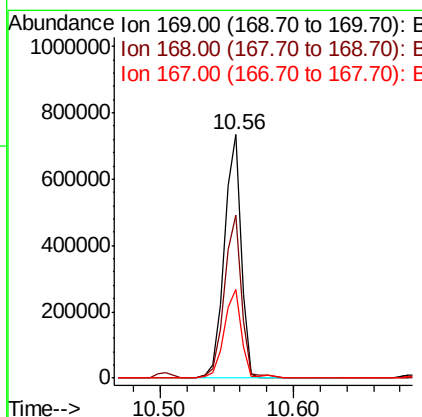
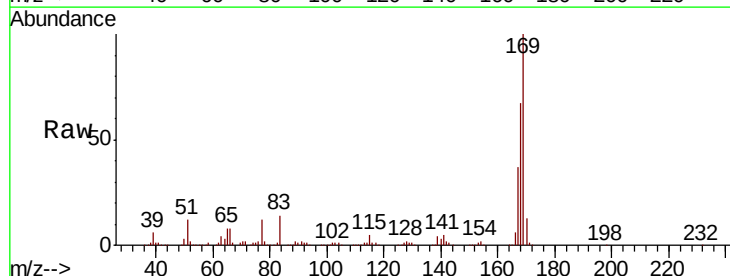
Manual Integrations
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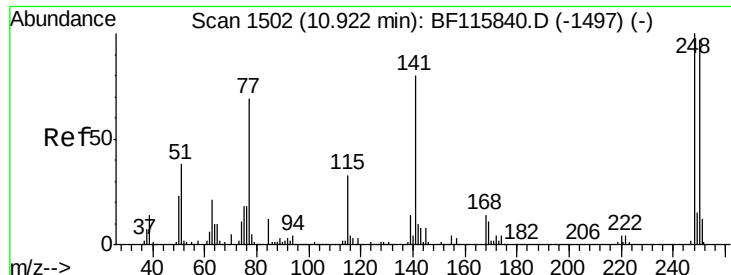
mohammad
 8/5/2019 1:47:58 PM



#66
 n-Nitrosodiphenylamine
 Concen: 48.945 ng
 RT: 10.56 min Scan# 1440
 Delta R.T. 0.01 min
 Lab File: BF115904.D
 Acq: 1 Aug 2019 13:39

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	655369		
168	67.0	53.0	79.6	
167	36.6	29.9	44.9	





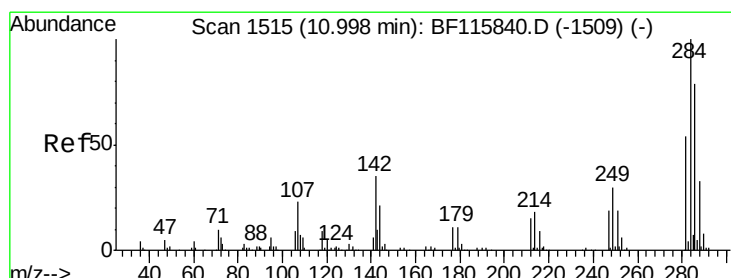
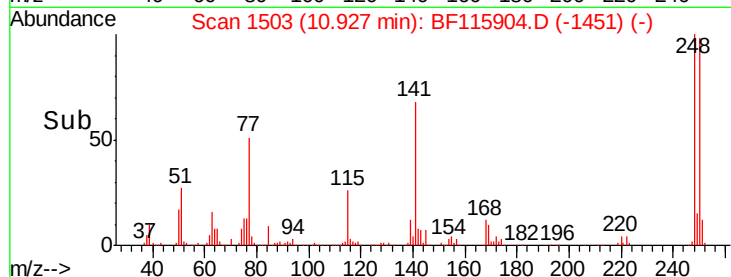
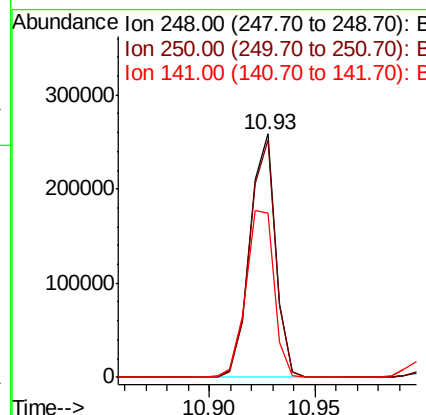
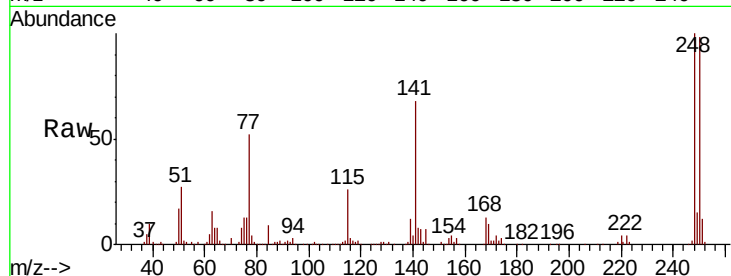
#67
 4-Bromophenyl-phenylether
 Concen: 46.156 ng
 RT: 10.93 min Scan# 1503
 Delta R.T. 0.01 min
 Lab File: BF115904.D
 Acq: 1 Aug 2019 13:39

Instrument :
 BNA_F
 ClientSampleId :
 TP-8-AMSD

Tot Ion	Ratio	Lower	Upper
248	100		
250	97.6	77.8	116.6
141	67.6	64.3	96.5

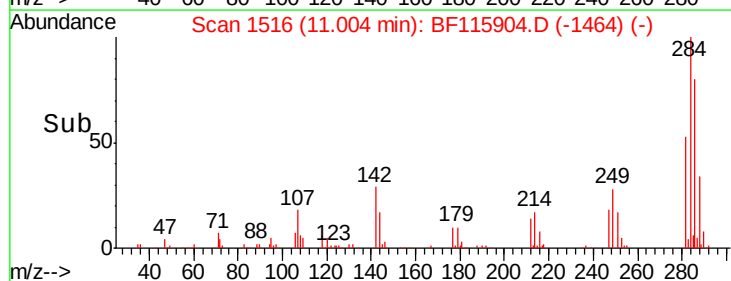
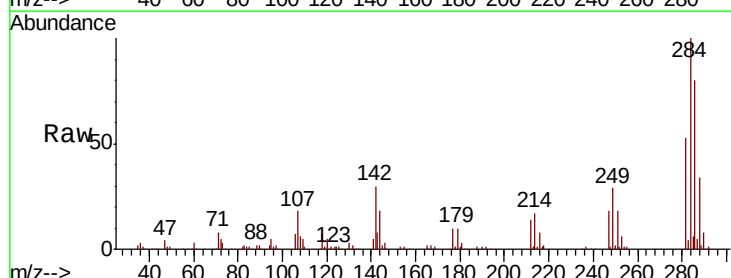
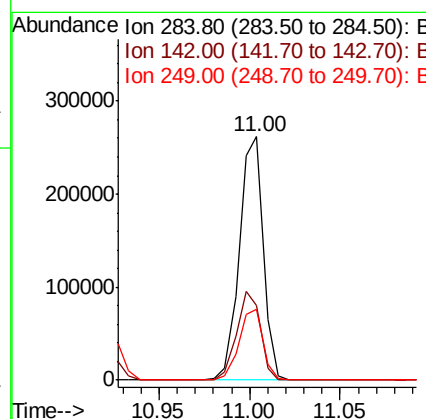
Manual Integrations
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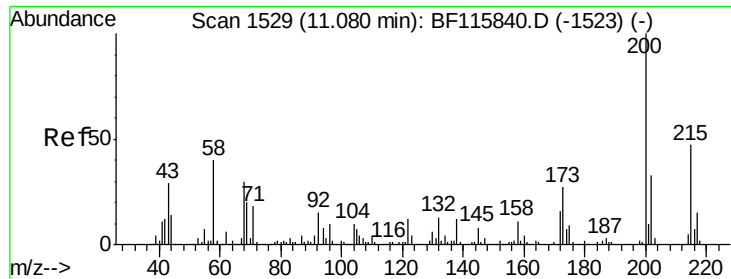
mohammad
 8/5/2019 1:47:58 PM



#68
 Hexachlorobenzene
 Concen: 43.542 ng
 RT: 11.00 min Scan# 1516
 Delta R.T. 0.01 min
 Lab File: BF115904.D
 Acq: 1 Aug 2019 13:39

Tgt Ion	Ratio	Lower	Upper
284	100		
142	30.4	28.2	42.2
249	29.2	24.0	36.0





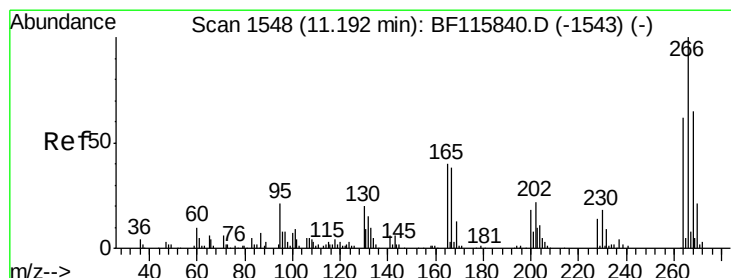
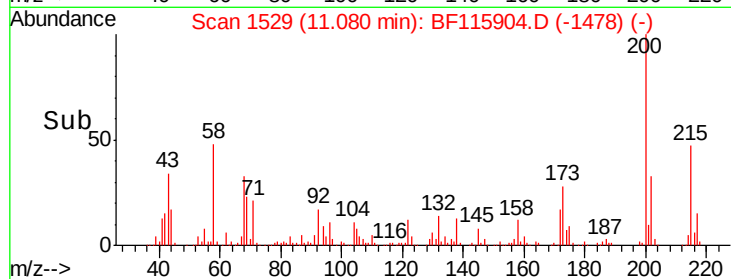
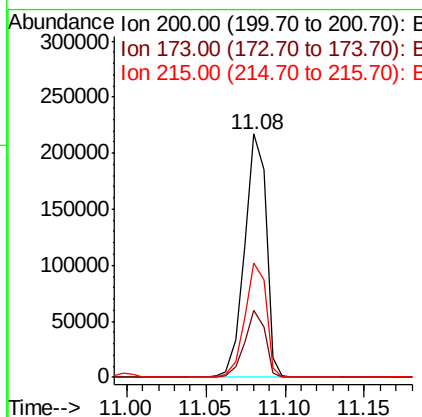
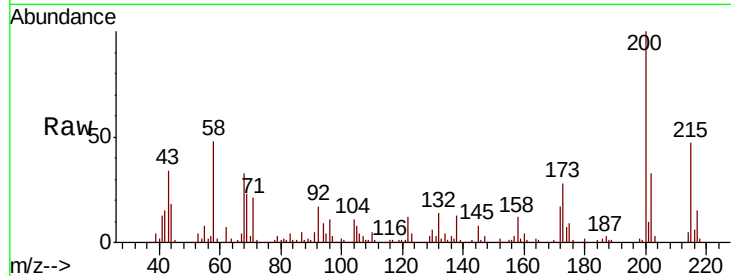
#69
 Atrazine
 Concen: 46.431 ng
 RT: 11.08 min Scan# 1529
 Delta R.T. 0.00 min
 Lab File: BF115904.D
 Acq: 1 Aug 2019 13:39

Instrument :
 BNA_F
 ClientSampleId :
 TP-8-AMSD

Tot Ion	Ratio	Resp	Lower	Upper
200	100	204528		
173	27.7	7.3	47.3	
215	47.1	26.9	66.9	

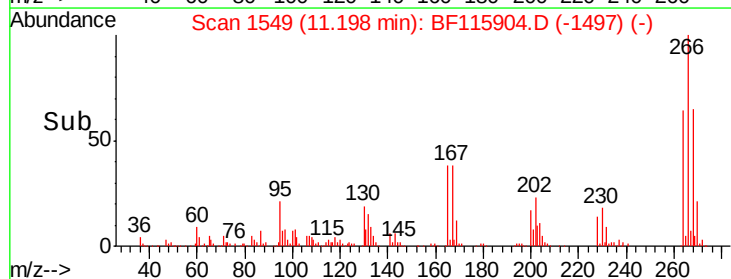
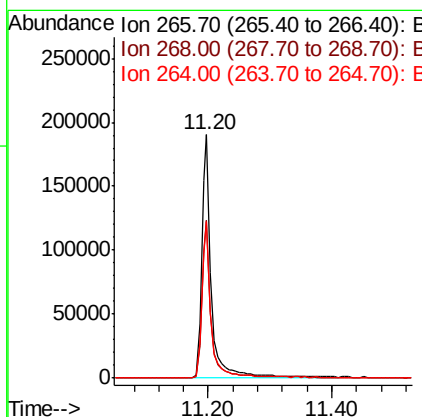
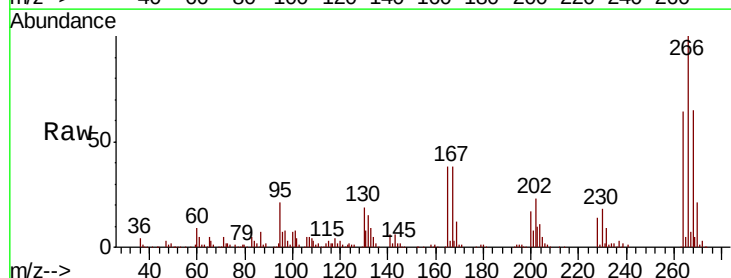
Manual Integrations
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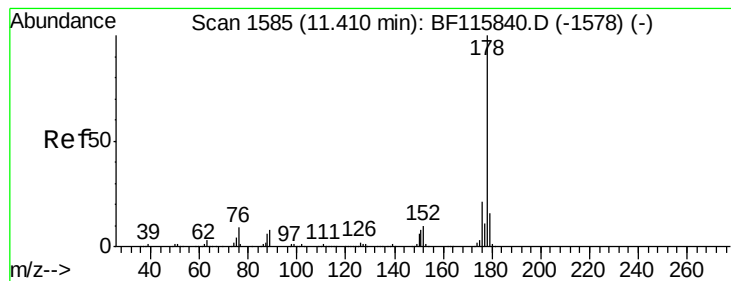
mohammad
 8/5/2019 1:47:58 PM



#70
 Pentachlorophenol
 Concen: 80.355 ng
 RT: 11.20 min Scan# 1549
 Delta R.T. 0.01 min
 Lab File: BF115904.D
 Acq: 1 Aug 2019 13:39

Tgt Ion	Ratio	Resp	Lower	Upper
266	100	214832		
268	64.7	51.6	77.4	
264	64.4	49.4	74.0	





#71

Phenanthrene

Concen: 46.315 ng

RT: 11.41 min Scan# 1585

Delta R.T. 0.00 min

Lab File: BF115904.D

Acq: 1 Aug 2019 13:39

Instrument :

BNA_F

ClientSampleId :

TP-8-AMSD

Tot Ion:178 Resp: 1053303

Ion Ratio Lower Upper

178 100

176 20.6 16.5 24.7

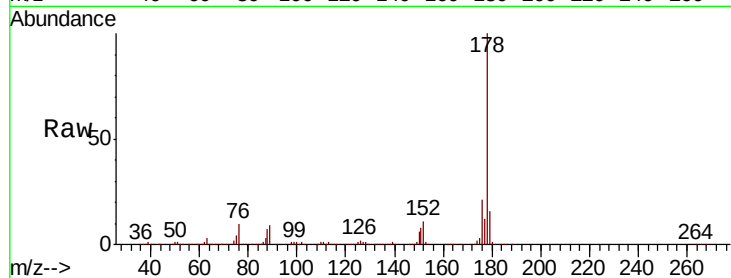
179 16.2 12.6 18.8

Manual Integrations

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mohammad

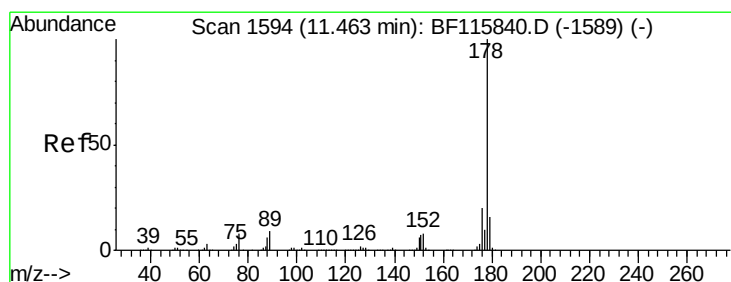
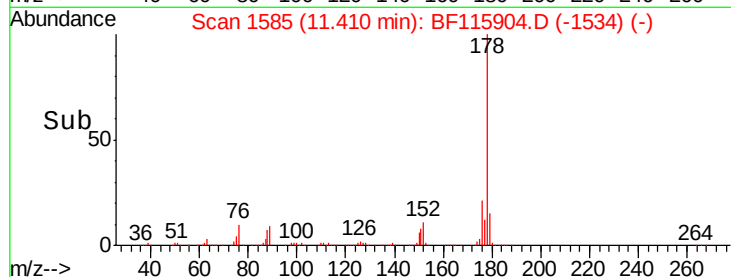
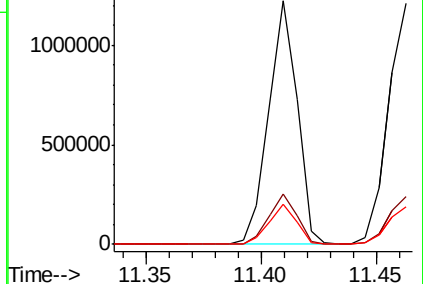
8/5/2019 1:47:58 PM



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 45.920 ng

RT: 11.46 min Scan# 1594

Delta R.T. 0.00 min

Lab File: BF115904.D

Acq: 1 Aug 2019 13:39

Tgt Ion:178 Resp: 1056902

Ion Ratio Lower Upper

178 100

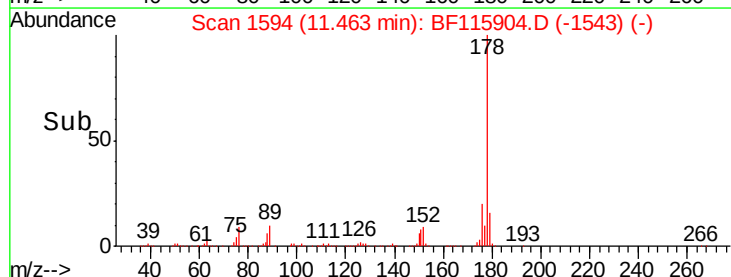
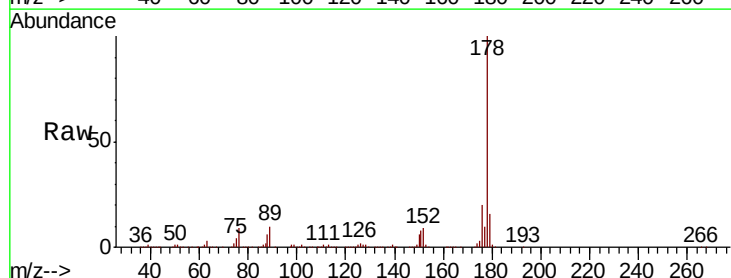
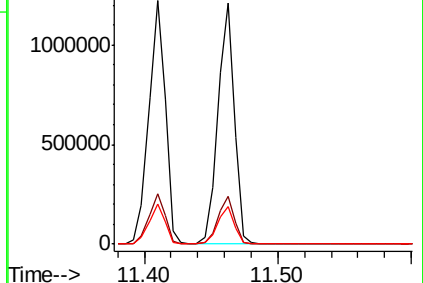
176 20.0 15.7 23.5

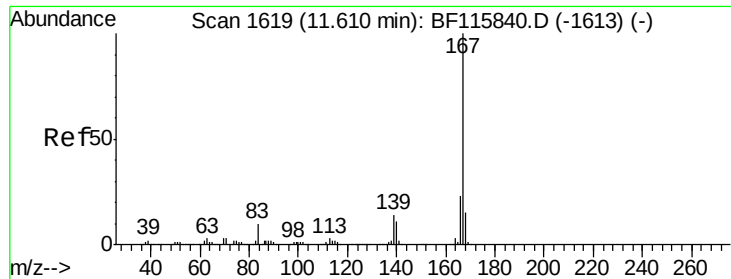
179 15.7 12.4 18.6

Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





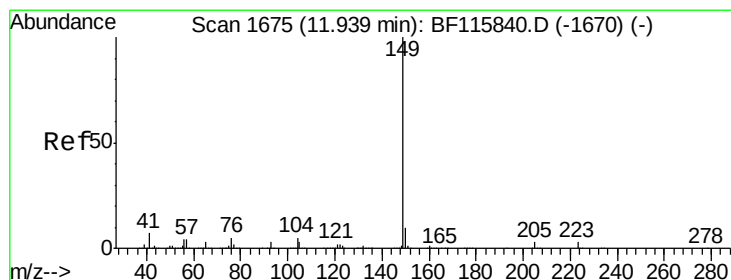
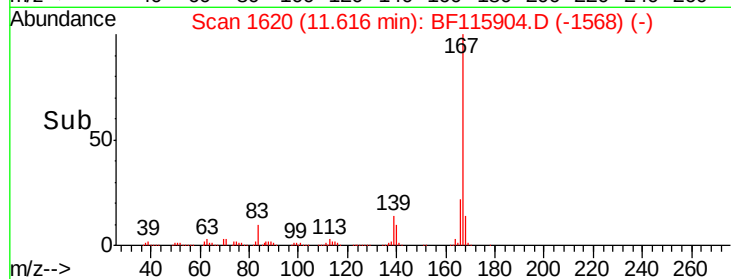
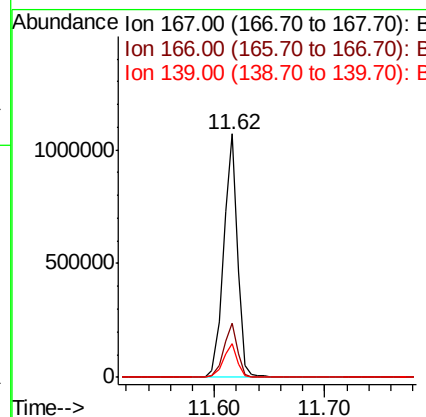
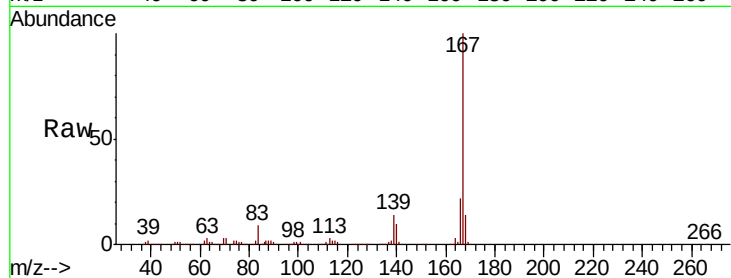
#73
 Carbazole
 Concen: 44.519 ng
 RT: 11.62 min Scan# 1620
 Delta R.T. 0.01 min
 Lab File: BF115904.D
 Acq: 1 Aug 2019 13:39

Instrument :
 BNA_F
 ClientSampleId :
 TP-8-AMSD

Tot Ion	Ratio	Lower	Upper
167	100		
166	22.0	18.0	27.0
139	13.8	11.4	17.2

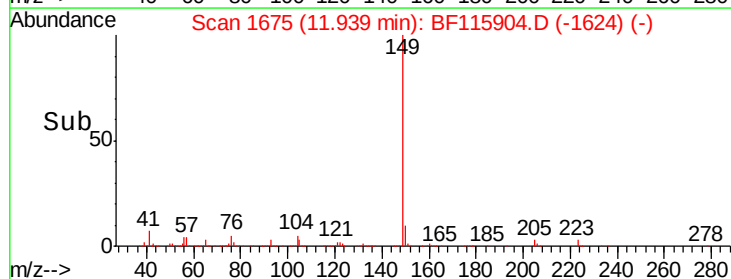
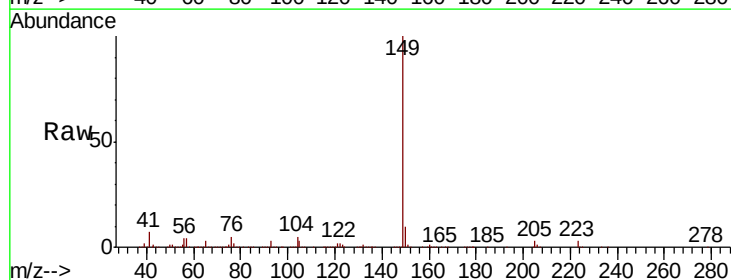
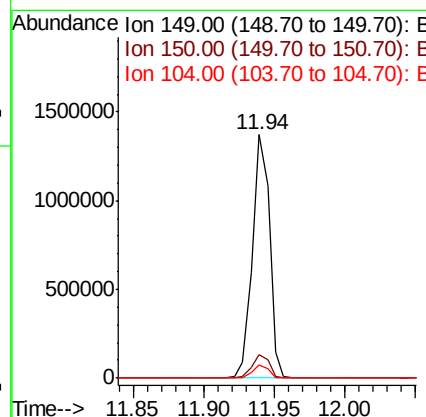
Manual Integrations
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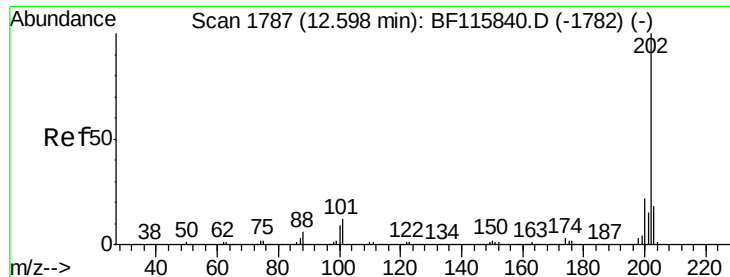
mohammad
 8/5/2019 1:47:58 PM



#74
 Di-n-butylphthalate
 Concen: 47.995 ng
 RT: 11.94 min Scan# 1675
 Delta R.T. 0.00 min
 Lab File: BF115904.D
 Acq: 1 Aug 2019 13:39

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.7	7.7	11.5
104	5.4	4.3	6.5





#75

Fluoranthene

Concen: 42.506 ng

RT: 12.60 min Scan# 1787

Delta R.T. 0.00 min

Lab File: BF115904.D

Acq: 1 Aug 2019 13:39

Instrument :

BNA_F

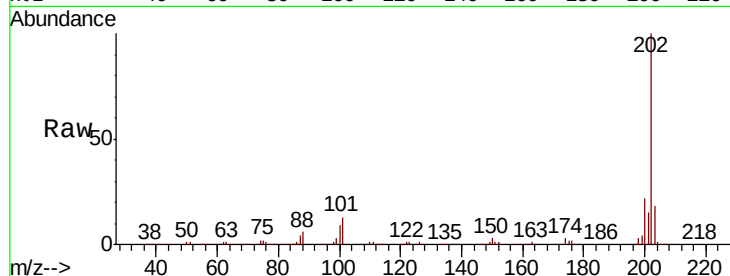
ClientSampled :

TP-8-AMSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
202	100				
101	12.8	0.0	31.5		
203	18.2	0.0	37.9		

Manual Integrations
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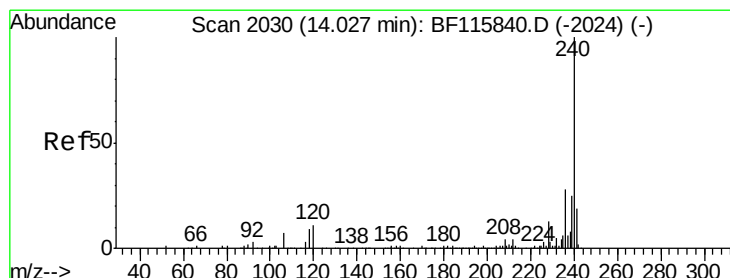
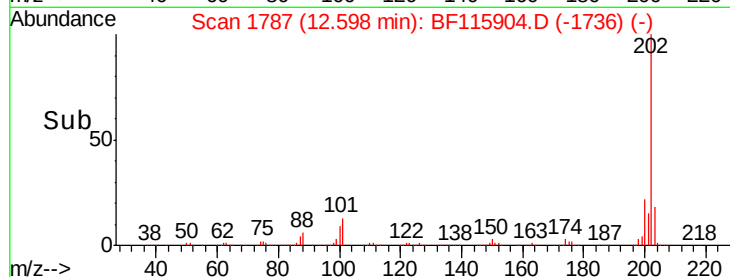
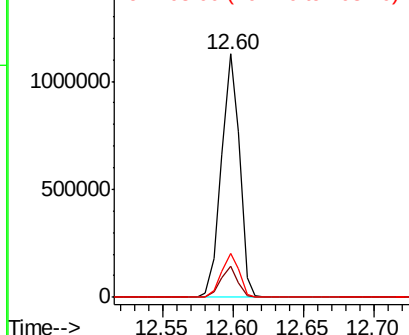


Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.03 min Scan# 2030

Delta R.T. 0.00 min

Lab File: BF115904.D

Acq: 1 Aug 2019 13:39

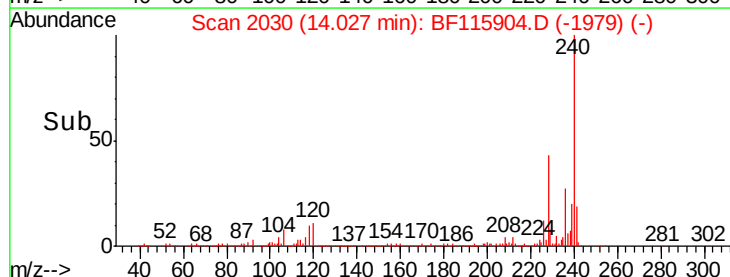
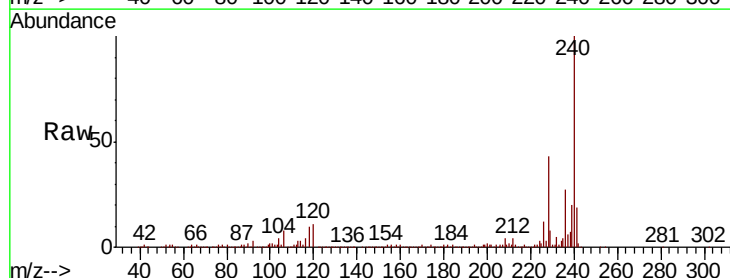
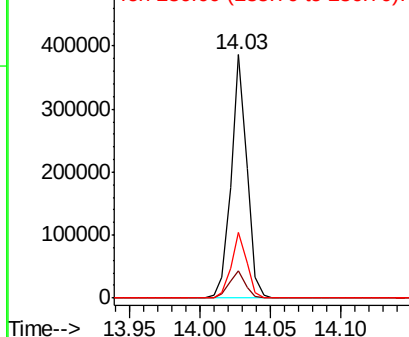
Tgt Ion	Ion	Ratio	Resp	Lower	Upper
240	100				
120	11.3	8.5	12.7		
236	26.9	22.2	33.2		

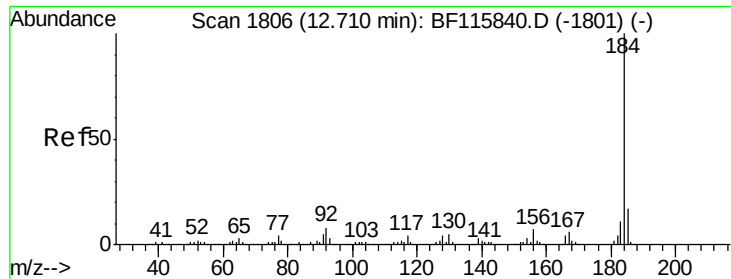
Abundance

Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 44.130 ng

RT: 12.72 min Scan# 1807

Delta R.T. 0.01 min

Lab File: BF115904.D

Acq: 1 Aug 2019 13:39

Instrument :

BNA_F

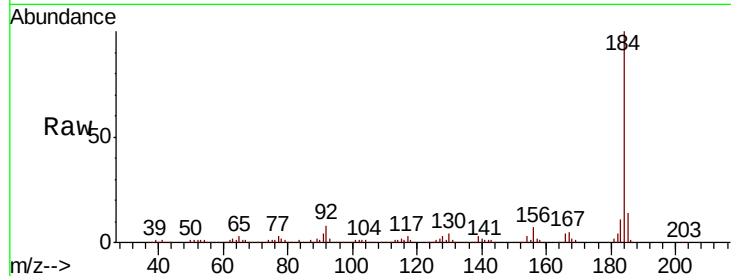
ClientSampleId :

TP-8-AMSD

Tot Ion	Ratio	Lower	Upper
184	100		
185	14.3	13.4	20.2
183	11.5	9.1	13.7

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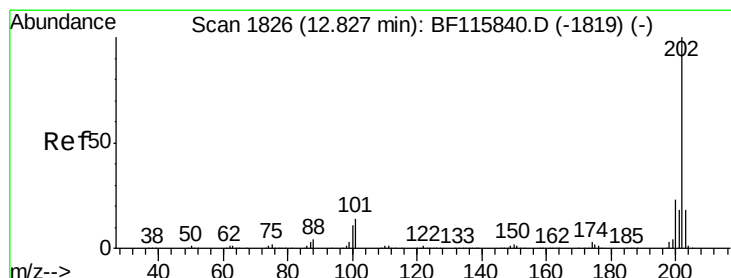
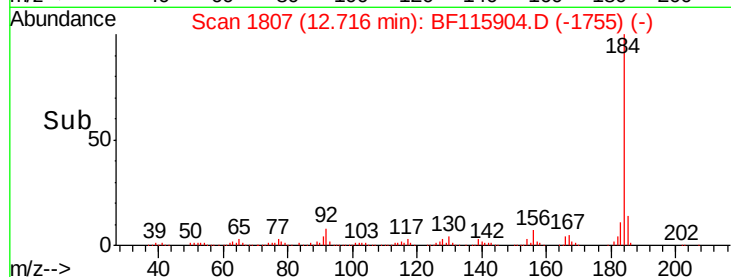
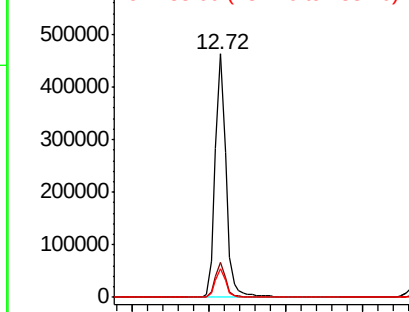


Abundance

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: 44.744 ng

RT: 12.83 min Scan# 1826

Delta R.T. 0.00 min

Lab File: BF115904.D

Acq: 1 Aug 2019 13:39

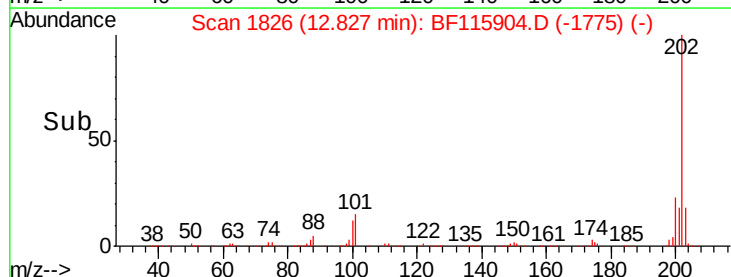
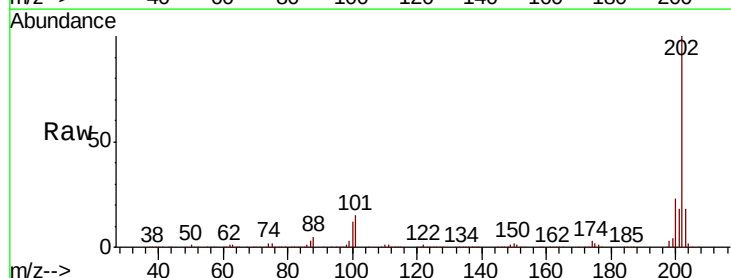
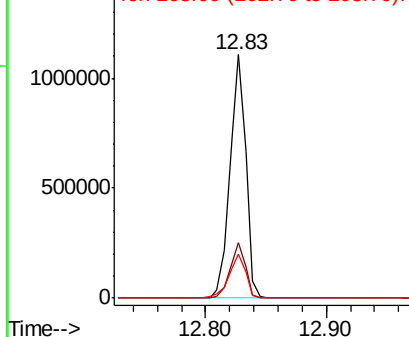
Tgt Ion	Ratio	Lower	Upper
202	100		
200	22.8	18.2	27.2
203	18.2	14.3	21.5

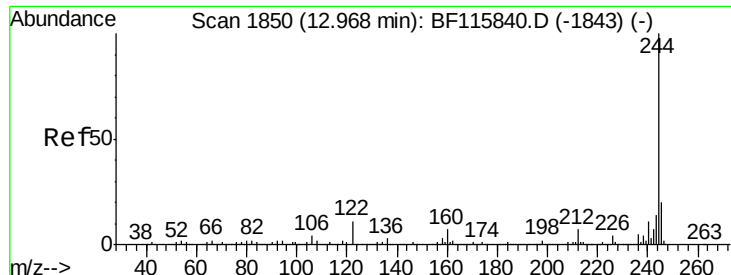
Abundance

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





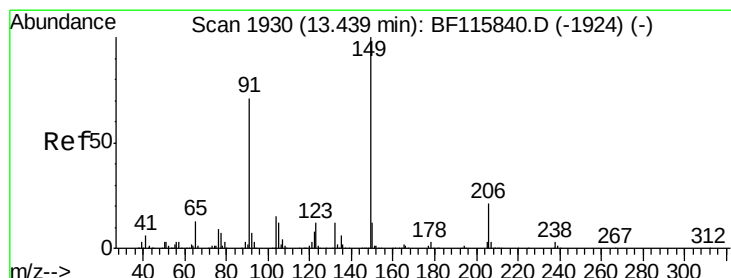
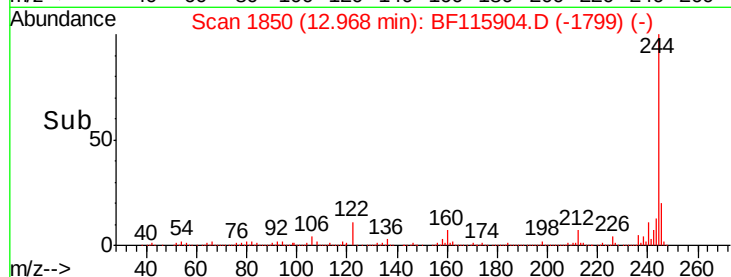
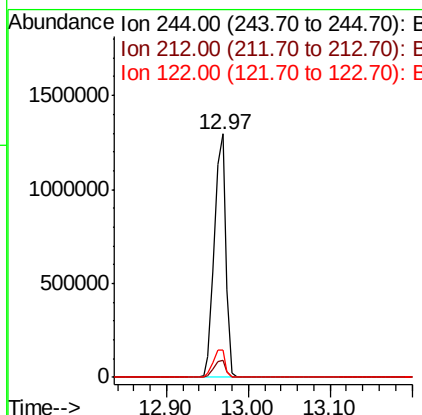
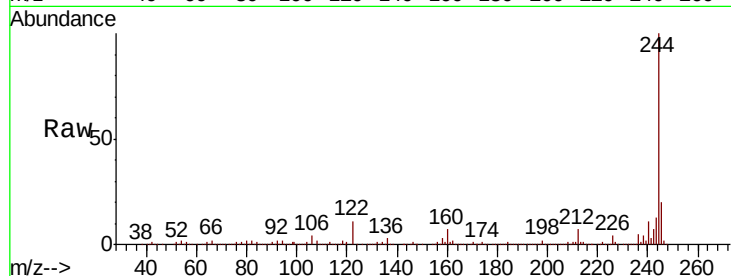
#79
 Terphenyl-d14
 Concen: 90.016 ng
 RT: 12.97 min Scan# 1850
 Delta R.T. 0.00 min
 Lab File: BF115904.D
 Acq: 1 Aug 2019 13:39

Instrument :
 BNA_F
 ClientSampleId :
 TP-8-AMSD

Tot Ion	Ratio	Lower	Upper
244	100		
212	7.1	5.6	8.4
122	11.1	8.6	13.0

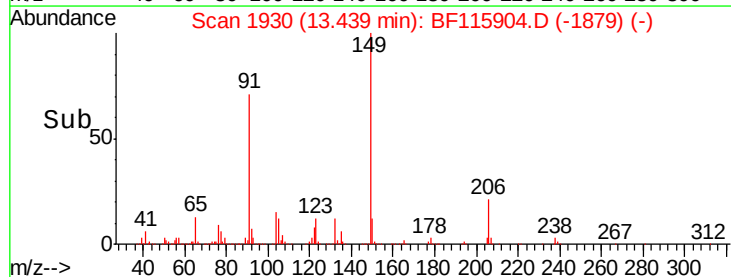
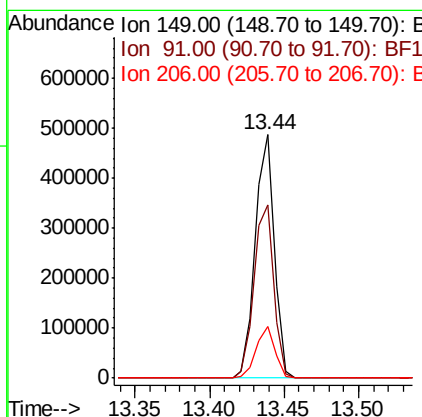
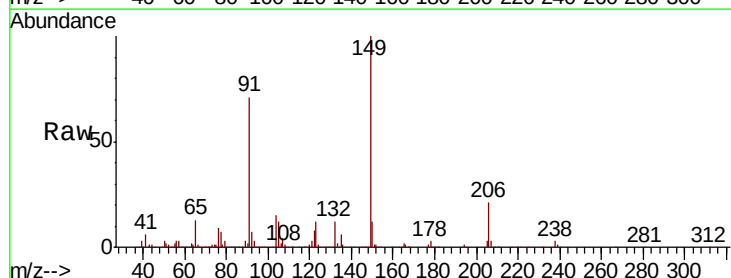
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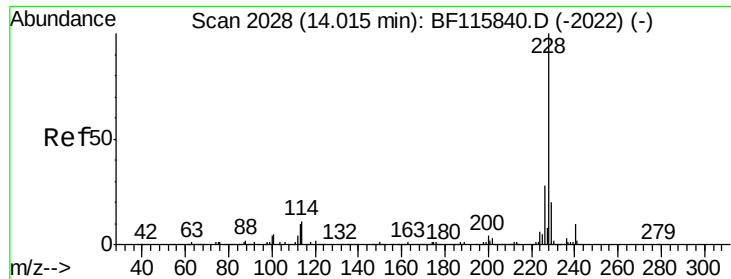
mohammad
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#80
 Butylbenzylphthalate
 Concen: 44.823 ng
 RT: 13.44 min Scan# 1930
 Delta R.T. 0.00 min
 Lab File: BF115904.D
 Acq: 1 Aug 2019 13:39

Tgt Ion	Ratio	Lower	Upper
149	100		
91	70.9	57.0	85.6
206	21.3	16.9	25.3





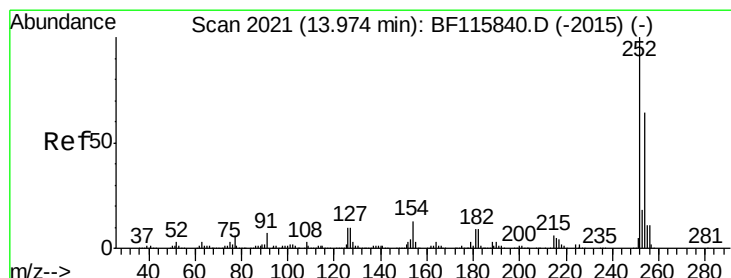
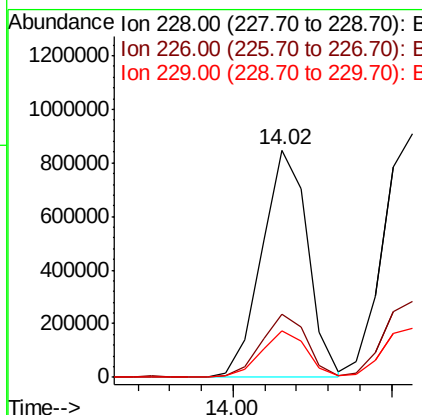
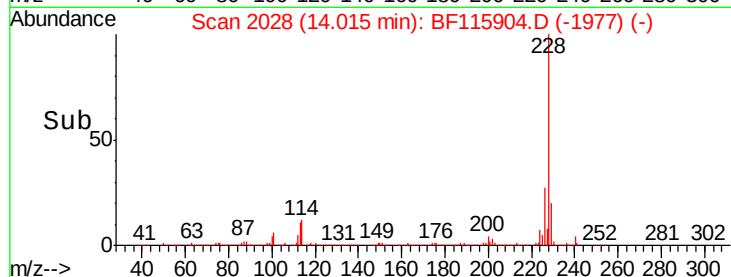
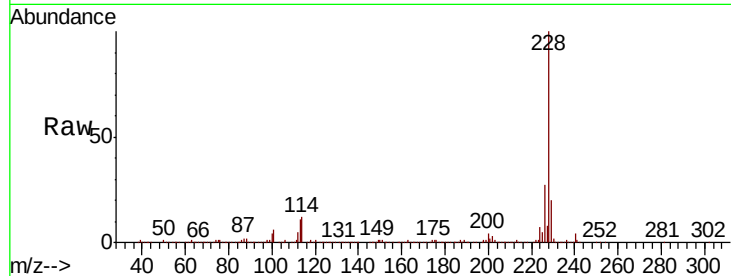
#81
Benzo(a)anthracene
Concen: 44.519 ng
RT: 14.02 min Scan# 2028
Delta R.T. 0.00 min
Lab File: BF115904.D
Acq: 1 Aug 2019 13:39

Instrument :
BNA_F
ClientSampleId :
TP-8-AMSD

Tot Ion	Ratio	Lower	Upper
228	100		
226	27.5	22.5	33.7
229	20.2	16.1	24.1

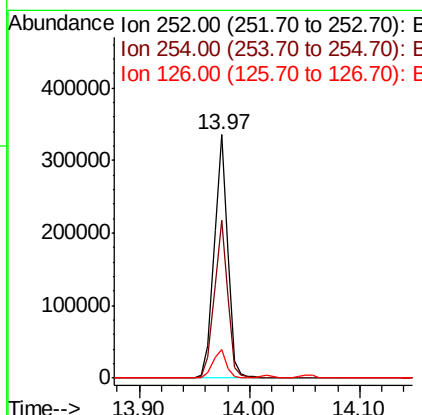
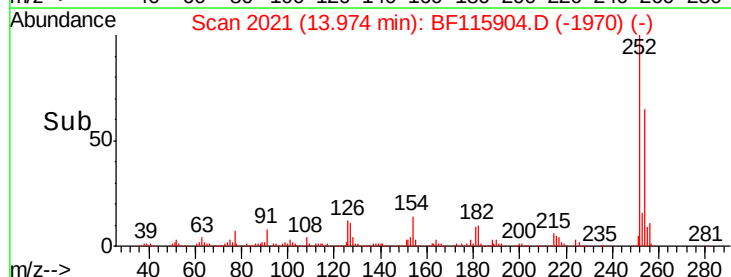
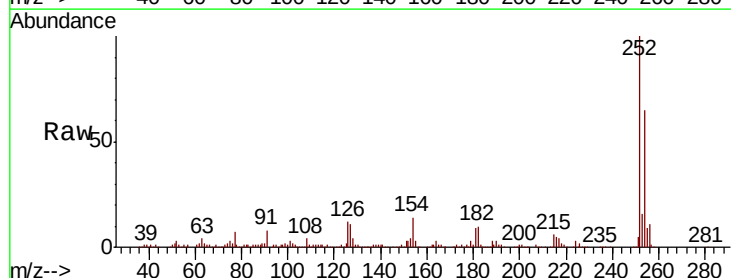
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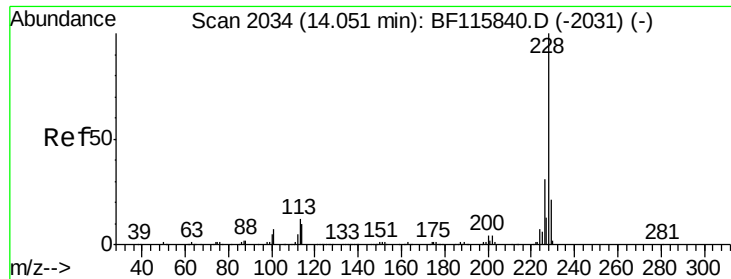
mohammad
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#82
3,3'-Dichlorobenzidine
Concen: 42.536 ng
RT: 13.97 min Scan# 2021
Delta R.T. 0.00 min
Lab File: BF115904.D
Acq: 1 Aug 2019 13:39

Tgt Ion	Ratio	Lower	Upper
252	100		
254	65.1	51.2	76.8
126	11.7	8.1	12.1





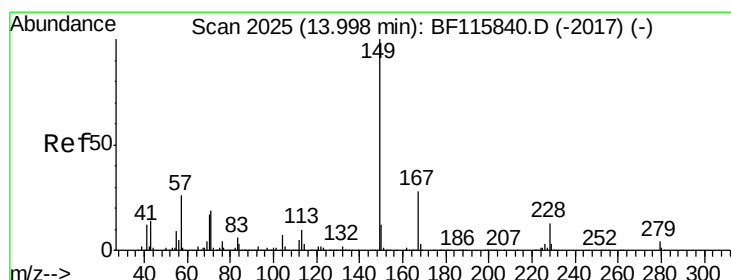
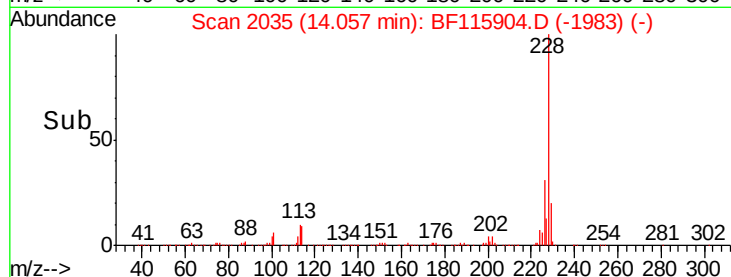
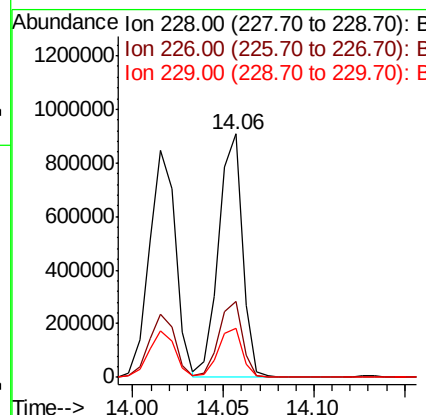
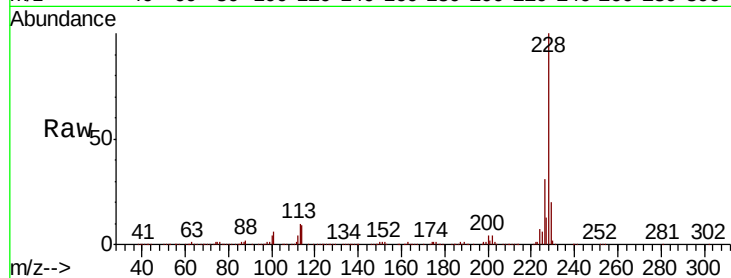
#83
 Chrysene
 Concen: 44.567 ng
 RT: 14.06 min Scan# 2035
 Delta R.T. 0.01 min
 Lab File: BF115904.D
 Acq: 1 Aug 2019 13:39

Instrument :
 BNA_F
 ClientSampleId :
 TP-8-AMSD

Tot Ion	Ratio	Lower	Upper
228	100		
226	30.9	24.8	37.2
229	20.1	16.4	24.6

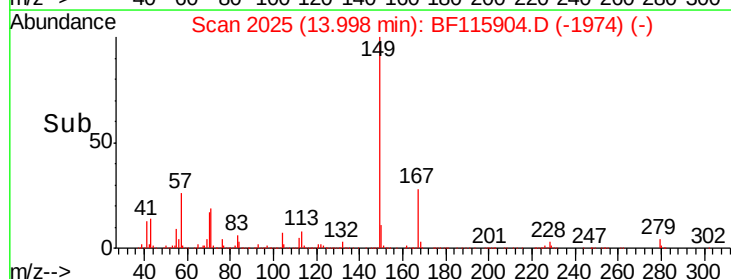
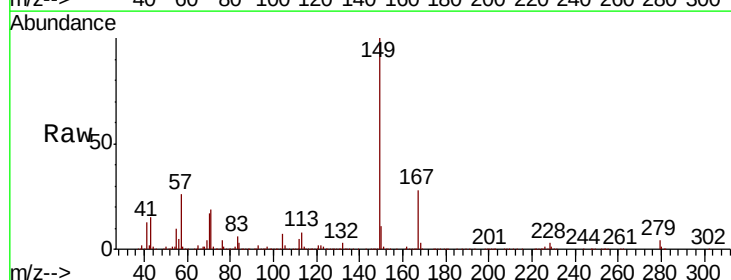
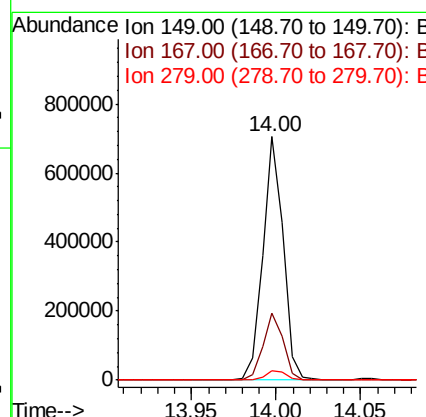
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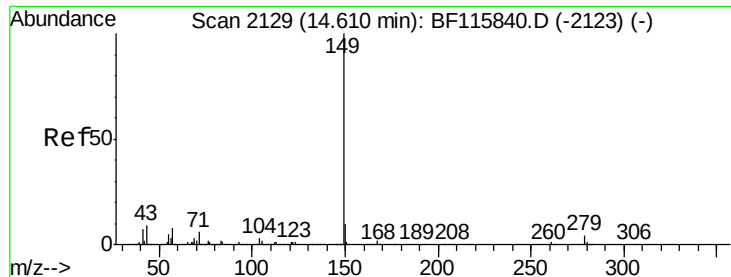
mohammad
 8/5/2019 1:47:58 PM



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 47.561 ng
 RT: 14.00 min Scan# 2025
 Delta R.T. 0.00 min
 Lab File: BF115904.D
 Acq: 1 Aug 2019 13:39

Tgt Ion	Ratio	Lower	Upper
149	100		
167	27.6	22.4	33.6
279	3.8	3.3	4.9





#85

Di-n-octyl phthalate

Concen: 50.703 ng

RT: 14.61 min Scan# 2129

Delta R.T. 0.00 min

Lab File: BF115904.D

Acq: 1 Aug 2019 13:39

Instrument :

BNA_F

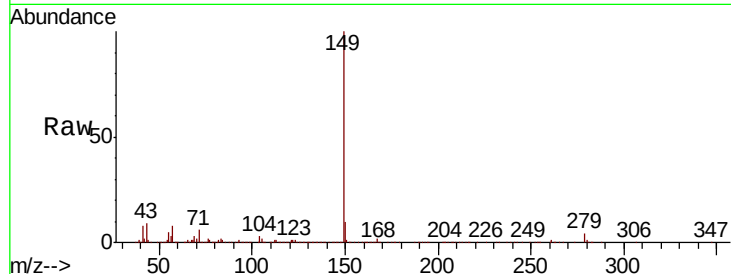
ClientSampled :

TP-8-AMSD

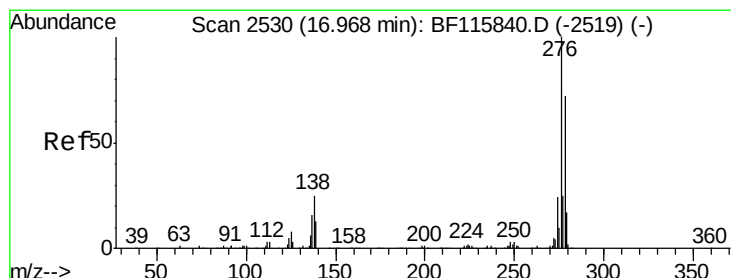
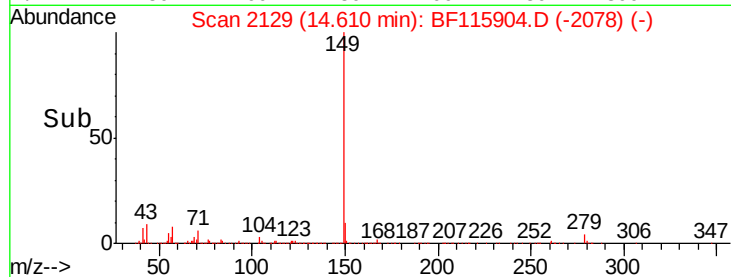
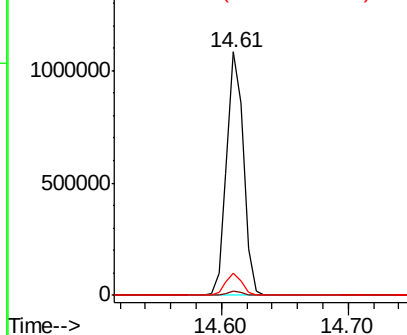
Tot Ion:	149	Resp:	997386
Ion Ratio	Lower	Upper	
149	100		
167	1.6	1.2	1.8
43	8.8	7.4	11.0

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



#86

Indeno(1,2,3-cd)pyrene

Concen: 54.769 ng

RT: 16.99 min Scan# 2534

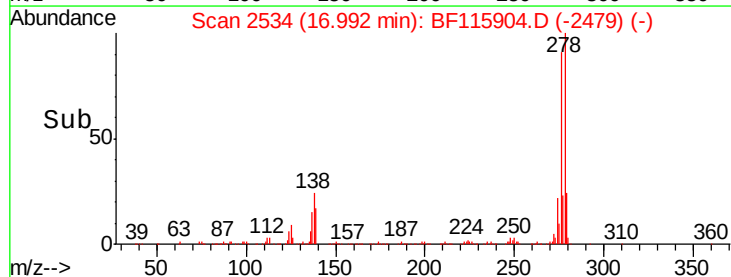
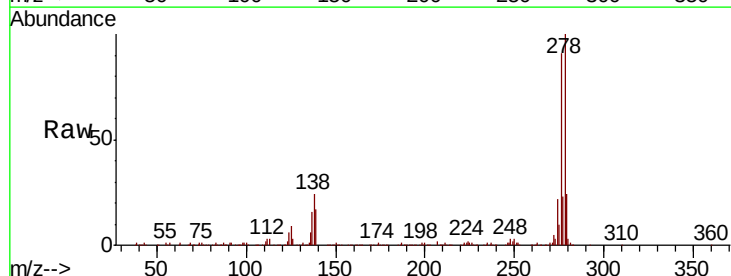
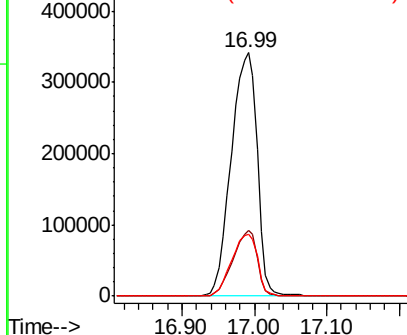
Delta R.T. 0.02 min

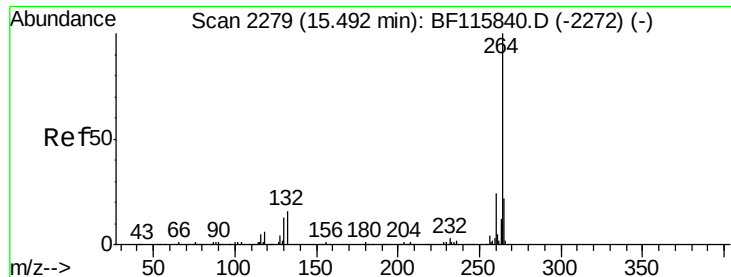
Lab File: BF115904.D

Acq: 1 Aug 2019 13:39

Tgt Ion:	276	Resp:	853133
Ion Ratio	Lower	Upper	
276	100		
138	25.5	19.6	29.4
277	25.6	20.1	30.1

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





#87

Pervlene-d12

Concen: 20.000 ng

RT: 15.50 min Scan# 2280

Delta R.T. 0.01 min

Lab File: BF115904.D

Acq: 1 Aug 2019 13:39

Instrument :

BNA_F

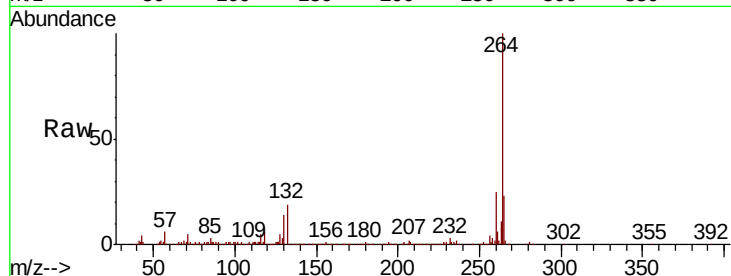
ClientSampleId :

TP-8-AMSD

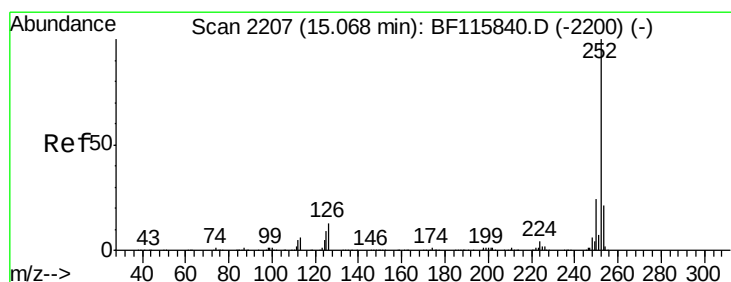
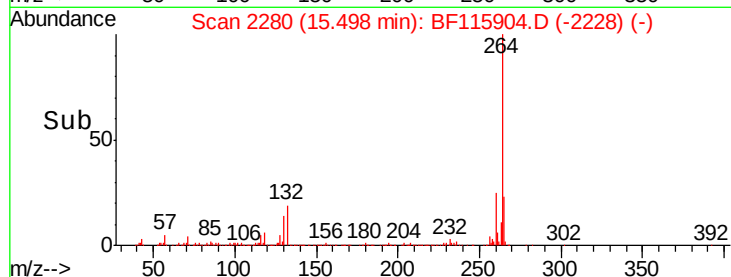
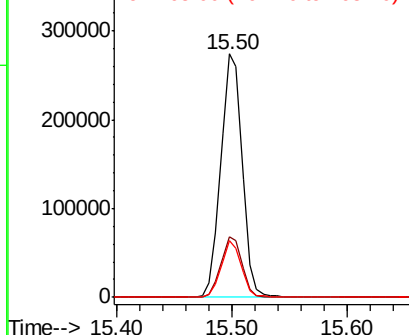
Tot Ion:	264	Resp:	353682
Ion Ratio	Lower	Upper	
264	100		
260	25.0	19.4	29.2
265	23.0	17.5	26.3

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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: 44.699 ng

RT: 15.07 min Scan# 2208

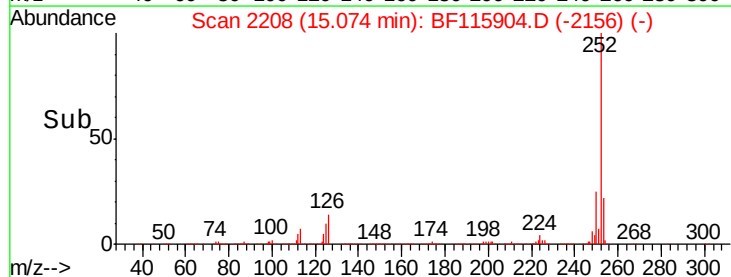
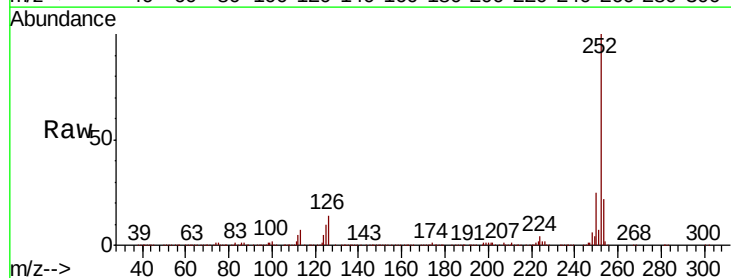
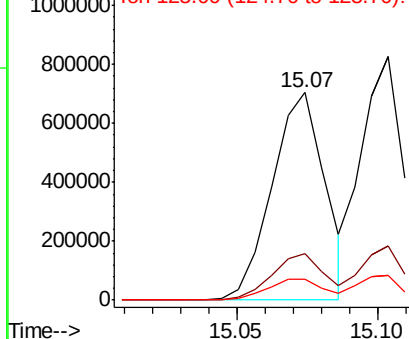
Delta R.T. 0.01 min

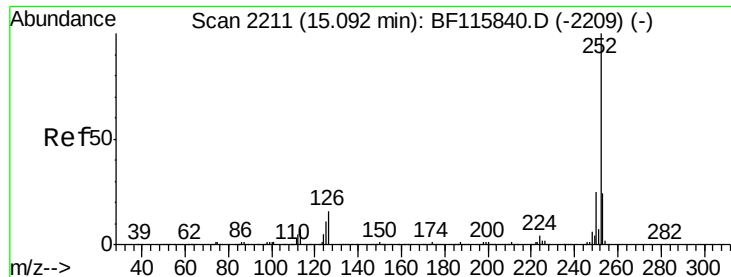
Lab File: BF115904.D

Acq: 1 Aug 2019 13:39

Tgt Ion:	252	Resp:	914106
Ion Ratio	Lower	Upper	
252	100		
253	22.4	17.2	25.8
125	10.2	7.4	11.0

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





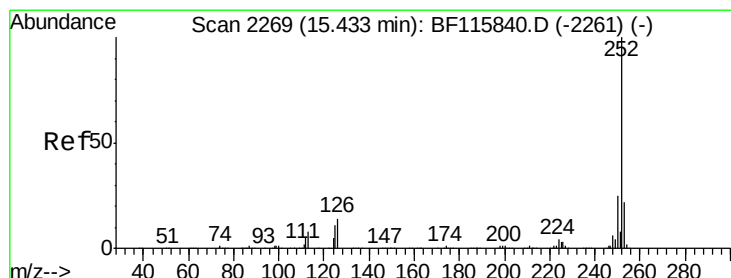
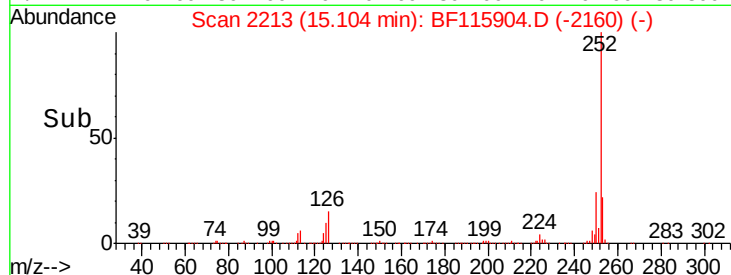
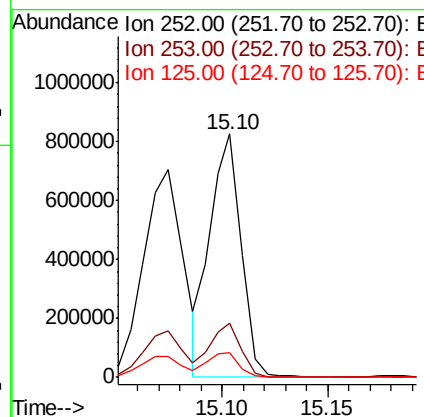
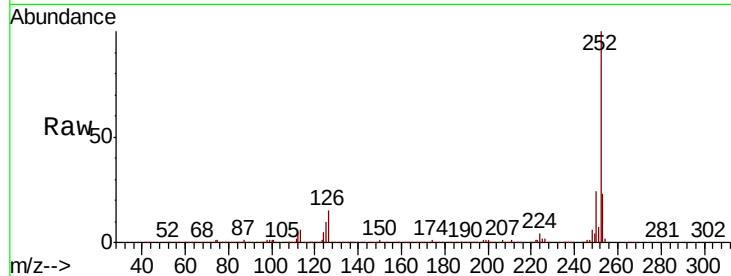
#89
Benzo(k)fluoranthene
Concen: 42.438 ng
RT: 15.10 min Scan# 2213
Delta R.T. 0.01 min
Lab File: BF115904.D
Acq: 1 Aug 2019 13:39

Instrument :
BNA_F
ClientSampled :
TP-8-AMSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.5	18.2	27.4
125	10.0	8.9	13.3

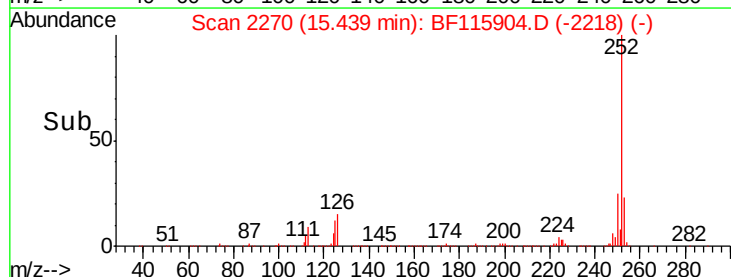
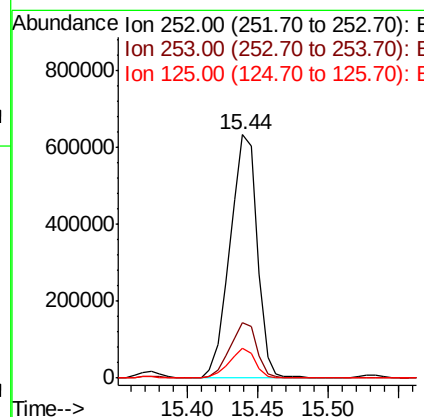
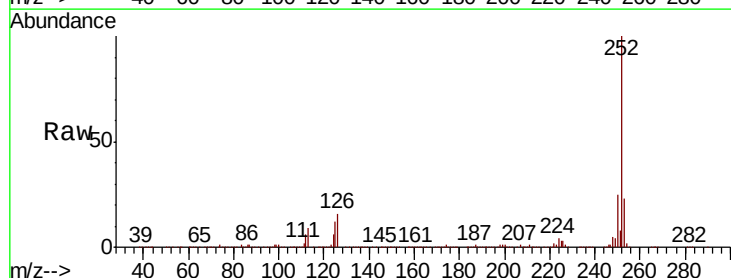
Manual Integrations
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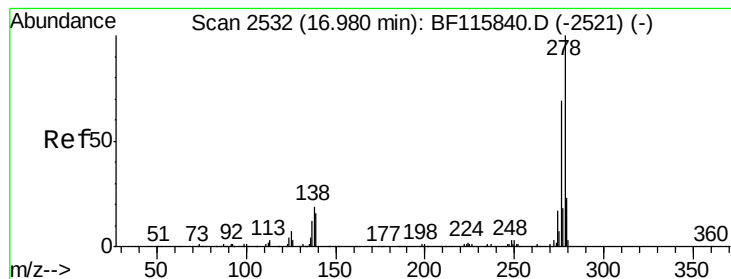
mohammad
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#90
Benzo(a)pyrene
Concen: 46.468 ng
RT: 15.44 min Scan# 2270
Delta R.T. 0.01 min
Lab File: BF115904.D
Acq: 1 Aug 2019 13:39

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.7	17.8	26.6
125	12.2	8.8	13.2





#91

Dibenzo(a,h)anthracene

Concen: 44.908 ng

RT: 17.00 min Scan# 2535

Delta R.T. 0.02 min

Lab File: BF115904.D

Acq: 1 Aug 2019 13:39

Instrument :

BNA_F

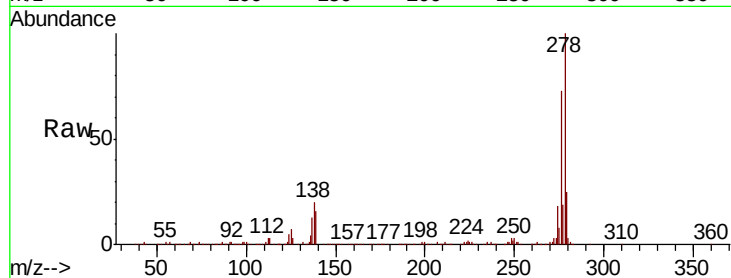
ClientSampleId :

TP-8-AMSD

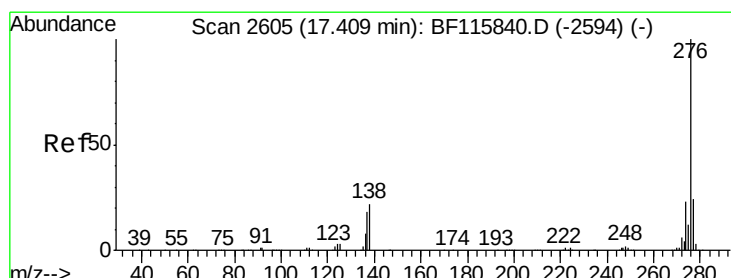
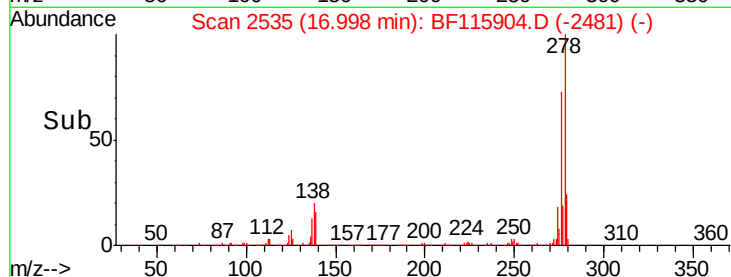
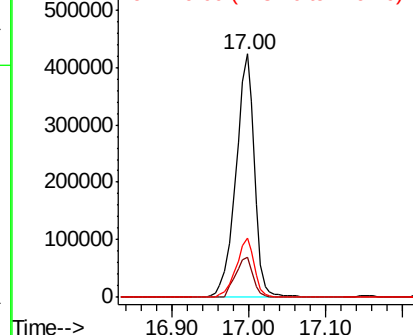
Tot Ion:	278	Resp:	710633
Ion Ratio	Lower	Upper	
278	100		
139	16.4	12.6	19.0
279	24.5	18.8	28.2

Manual Integrations
APPROVED

mohammad
8/5/2019 1:47:58 PM



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: 42.963 ng

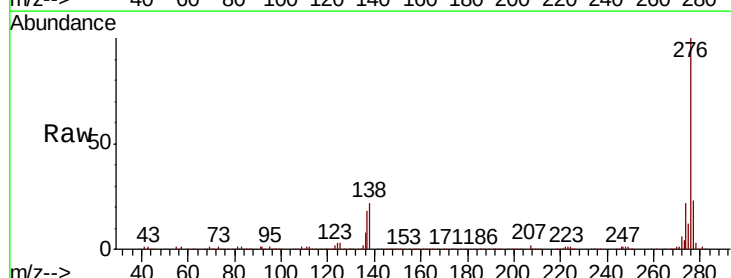
RT: 17.43 min Scan# 2609

Delta R.T. 0.02 min

Lab File: BF115904.D

Acq: 1 Aug 2019 13:39

Tgt Ion:	276	Resp:	667677
Ion Ratio	Lower	Upper	
276	100		
277	23.2	19.5	29.3
138	21.7	17.8	26.8



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

