

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP091619\
 Data File : BP000247.D
 Acq On : 16 Sep 2019 19:23
 Operator : HP/JU
 Sample : SSTDICV040
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 ICVBP091619

Manual Integrations
 APPROVED

mohammad
 9/17/2019 1:27:30 PM

Quant Time: Sep 17 06:41:15 2019
 Quant Title :
 QLast Update : Mon Sep 16 18:59:05 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	284019	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	1071008	20.00	ng	0.00
39) Acenaphthene-d10	9.83	164	580820	20.00	ng	0.00
64) Phenanthrene-d10	11.33	188	1029951	20.00	ng	0.00
76) Chrysene-d12	14.00	240	786208	20.00	ng	0.00
87) Perylene-d12	15.47	264	930408	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.40	112	1395587	84.83	ng	0.00
7) Phenol-d6	6.42	99	1702292	84.41	ng	0.00
23) Nitrobenzene-d5	7.35	82	1418929	85.48	ng	0.00
42) 2,4,6-Tribromophenol	10.63	330	501766	87.10	ng	0.00
45) 2-Fluorobiphenyl	9.15	172	2920500	90.50	ng	0.00
79) Terphenyl-d14	12.93	244	3255094	86.86	ng	0.00

Target Compounds

						Ovalue
2) 1,4-Dioxane	2.49	88	299988	40.407	ng	98
3) Pyridine	3.24	79	800115	40.033	ng	100
4) n-Nitrosodimethylamine	3.18	42	221955	39.384	ng	100
6) Aniline	6.45	93	1167938	42.004	ng	99
8) 2-Chlorophenol	6.57	128	762693	43.051	ng	99
9) Benzaldehyde	6.33	77	450067	41.631	ng	99
10) Phenol	6.43	94	998305	43.570	ng	99
11) bis(2-Chloroethyl)ether	6.52	93	721643	41.129	ng	99
12) 1,3-Dichlorobenzene	6.73	146	912978	42.945	ng	99
13) 1,4-Dichlorobenzene	6.80	146	904610	42.767	ng	99
14) 1,2-Dichlorobenzene	6.96	146	855371	44.146	ng	99
15) Benzyl Alcohol	6.93	79	617871	42.101	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.07	45	689974	41.478	ng	99
17) 2-Methylphenol	7.04	107	628783	41.439	ng	99
18) Hexachloroethane	7.30	117	333852	42.651	ng	98
19) n-Nitroso-di-n-propylamine	7.20	70	442546	41.505	ng	96
20) 3+4-Methylphenols	7.19	107	774214	42.195	ng	96
22) Acetophenone	7.20	105	1007540	43.410	ng	97
24) Nitrobenzene	7.37	77	738422	42.828	ng	99
25) Isophorone	7.61	82	1357016	41.285	ng	98
26) 2-Nitrophenol	7.69	139	400417	43.807	ng	99
27) 2,4-Dimethylphenol	7.72	122	617027	42.379	ng	99
28) bis(2-Chloroethoxy)methane	7.82	93	924828	42.303	ng	99
29) 2,4-Dichlorophenol	7.93	162	671275	43.018	ng	99
30) 1,2,4-Trichlorobenzene	8.02	180	783762	43.819	ng	100
31) Naphthalene	8.09	128	2184631	44.043	ng	100
32) Benzoic acid	7.82	122	439766	44.733	ng	97
33) 4-Chloroaniline	8.14	127	957201	42.641	ng	98
34) Hexachlorobutadiene	8.22	225	466360	44.005	ng	99
35) Caprolactam	8.50	113	218480	41.158	ng	96
36) 4-Chloro-3-methylphenol	8.62	107	668644	42.209	ng	98
37) 2-Methylnaphthalene	8.79	142	1490330	43.952	ng	100
38) 1-Methylnaphthalene	8.89	142	1395602	43.938	ng	100
40) 1,2,4,5-Tetrachlorobenzene	8.96	216	738776	44.487	ng	100
41) Hexachlorocyclopentadiene	8.95	237	408550	42.843	ng	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) 2,4,6-Trichlorophenol	9.06	196	497555	43.299	ng	99
44) 2,4,5-Trichlorophenol	9.10	196	511510	43.472	ng	98
46) 1,1'-Biphenyl	9.25	154	1782112	44.353	ng	99
47) 2-Chloronaphthalene	9.27	162	1471306	43.652	ng	99
48) 2-Nitroaniline	9.37	65	360308	42.095	ng	98
49) Acenaphthylene	9.69	152	2226113	43.938	ng	100
50) Dimethylphthalate	9.55	163	1687701	42.649	ng	100
51) 2,6-Dinitrotoluene	9.61	165	372686	42.833	ng	97
52) Acenaphthene	9.87	154	1401127	43.823	ng	100
53) 3-Nitroaniline	9.78	138	423587	41.941	ng	98
54) 2,4-Dinitrophenol	9.89	184	169285	44.038	ng	97
55) Dibenzofuran	10.04	168	1991229	44.056	ng	99
56) 4-Nitrophenol	9.93	139	316428	42.124	ng	98
57) 2,4-Dinitrotoluene	10.02	165	495955	43.601	ng	# 88
58) Fluorene	10.39	166	1484147	42.513	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.16	232	419384	43.315	ng	100
60) Diethylphthalate	10.26	149	1630041	42.820	ng	100
61) 4-Chlorophenyl-phenylether	10.37	204	798279	44.547	ng	99
62) 4-Nitroaniline	10.39	138	415260	41.802	ng	98
63) Azobenzene	10.54	77	1377834	42.722	ng	100
65) 4,6-Dinitro-2-methylphenol	10.43	198	212380	43.854	ng	88
66) n-Nitrosodiphenylamine	10.49	169	1350855	43.569	ng	99
67) 4-Bromophenyl-phenylether	10.87	248	505320	43.387	ng	99
68) Hexachlorobenzene	10.94	284	553816	43.495	ng	# 90
69) Atrazine	11.02	200	318443	38.100	ng	100
70) Pentachlorophenol	11.13	266	305375	44.036	ng	99
71) Phenanthrene	11.35	178	2281149	44.197	ng	99
72) Anthracene	11.40	178	2257668	42.496	ng	100
73) Carbazole	11.56	167	2097347	43.837	ng	100
74) Di-n-butylphthalate	11.90	149	2574410	42.510	ng	99
75) Fluoranthene	12.55	202	2473035	44.622	ng	99
77) Benzidine	12.67	184	1071215	38.150	ng	98
78) Pyrene	12.78	202	2485814	42.260	ng	100
80) Butylbenzylphthalate	13.41	149	1106891	40.953	ng	95
81) Benzo(a)anthracene	13.99	228	2165845	43.611	ng	100
82) 3,3'-Dichlorobenzidine	13.95	252	839711	42.072	ng	99
83) Chrysene	14.02	228	2098980	43.046	ng	100
84) Bis(2-ethylhexyl)phthalate	13.99	149	1385919	42.716	ng	99
85) Di-n-octyl phthalate	14.60	149	2581494	42.929	ng	100
86) Indeno(1,2,3-cd)pyrene	16.96	276	2557625	43.031	ng	99
88) Benzo(b)fluoranthene	15.05	252	2387660	43.017	ng	99
89) Benzo(k)fluoranthene	15.08	252	2077125m	42.901	ng	
90) Benzo(a)pyrene	15.42	252	2133519	42.244	ng	100
91) Dibenzo(a,h)anthracene	16.98	278	2046130	43.454	ng	100
92) Benzo(g,h,i)perylene	17.41	276	2078623	42.947	ng	99

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

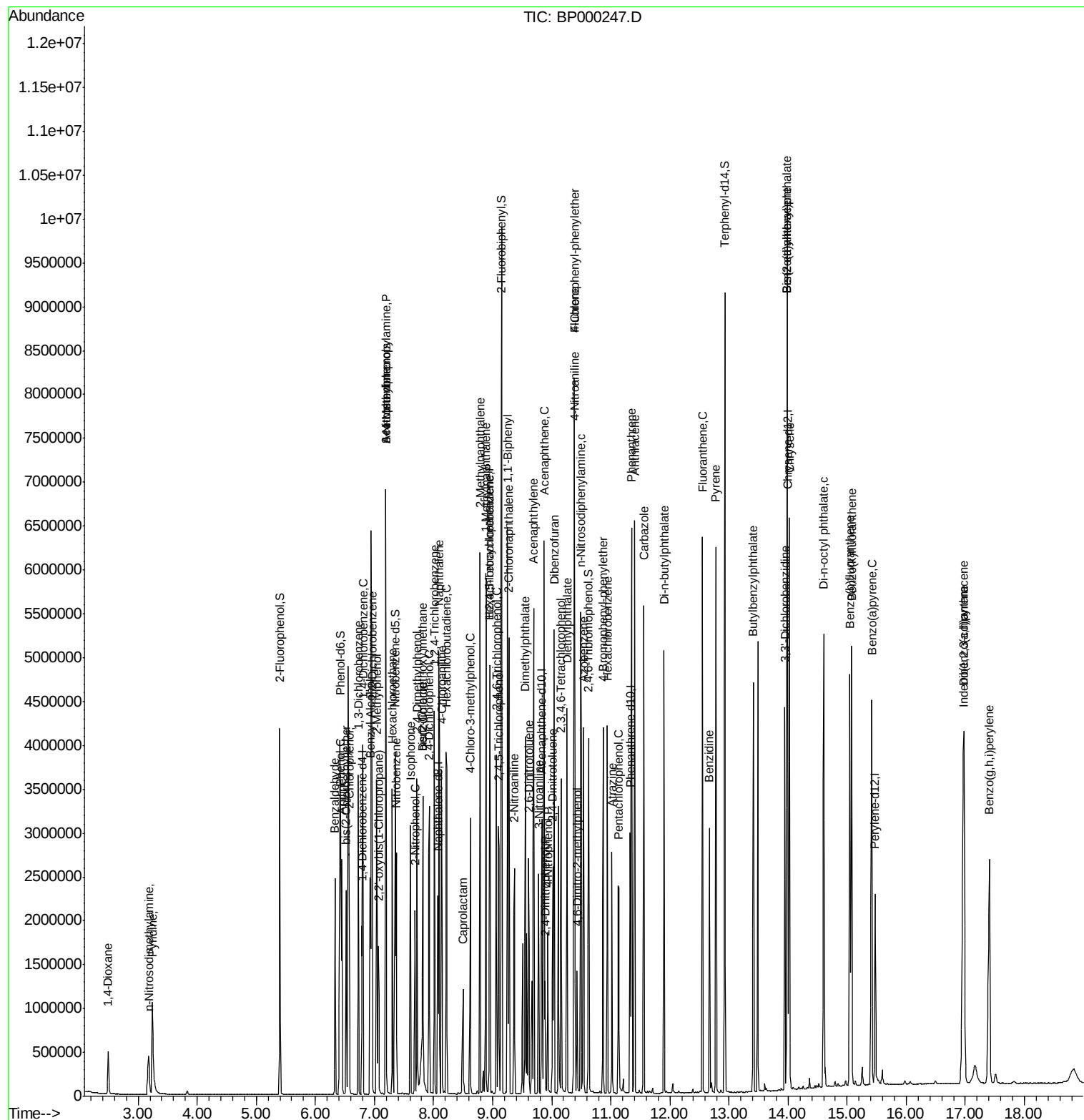
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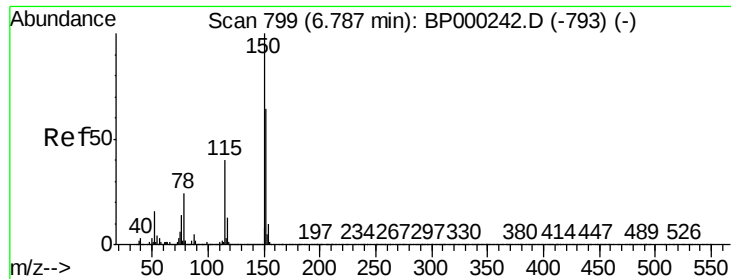
Instrument :
BNA_P
Client Sampled :
ICVBP091619

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 6.79 min Scan# 799

Delta R.T. -0.00 min

Lab File: BP000247.D

Acq: 16 Sep 2019 19:23

Instrument :

BNA_P

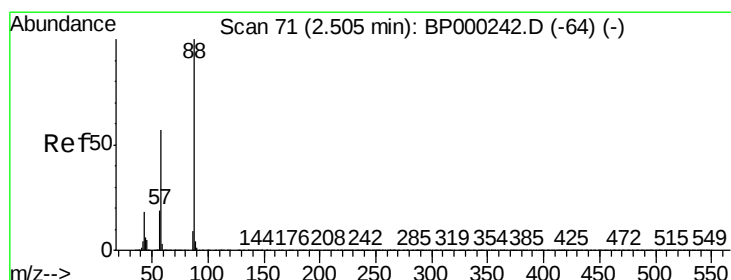
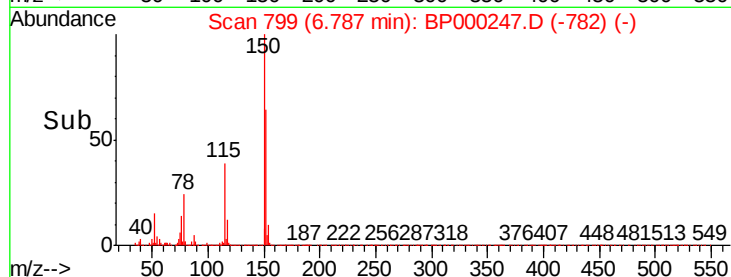
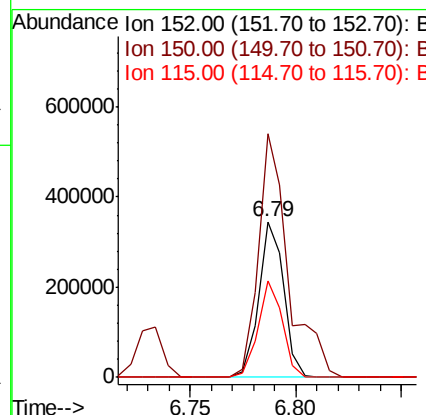
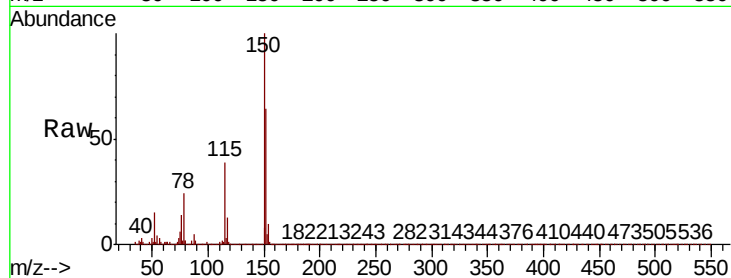
ClientSampleId :

ICVBP091619

Tot Ion:	152	Resp:	284019
Ion Ratio	Lower	Upper	
152	100		
150	156.2	125.2	187.8
115	61.6	49.7	74.5

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#2

1,4-Dioxane

Concen: 40.407 ng

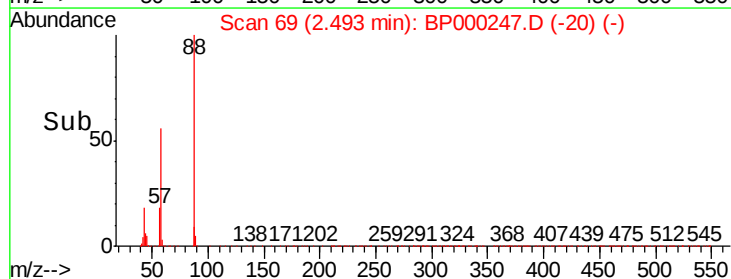
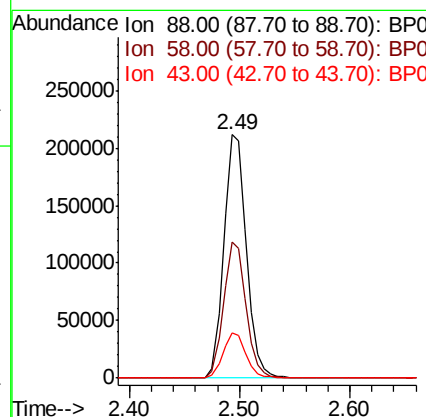
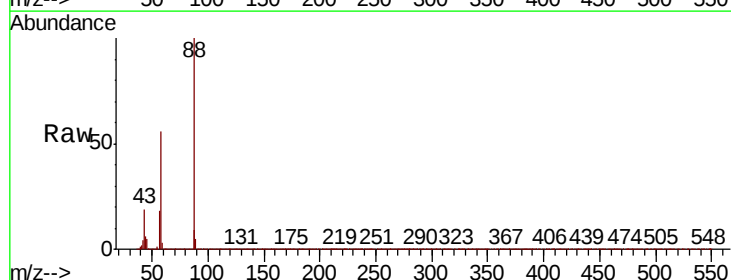
RT: 2.49 min Scan# 69

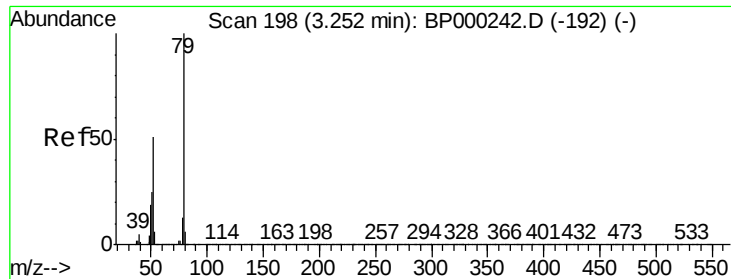
Delta R.T. -0.01 min

Lab File: BP000247.D

Acq: 16 Sep 2019 19:23

Tgt Ion:	88	Resp:	299988
Ion Ratio	Lower	Upper	
88	100		
58	55.3	45.4	68.2
43	18.1	15.0	22.6





#3

Pvridine

Concen: 40.033 ng

RT: 3.24 min Scan# 196

Delta R.T. -0.01 min

Lab File: BP000247.D

Acq: 16 Sep 2019 19:23

Instrument :

BNA_P

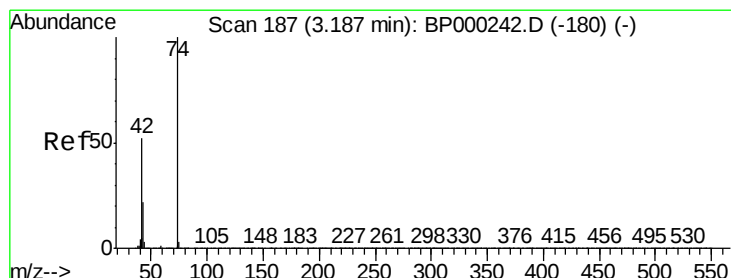
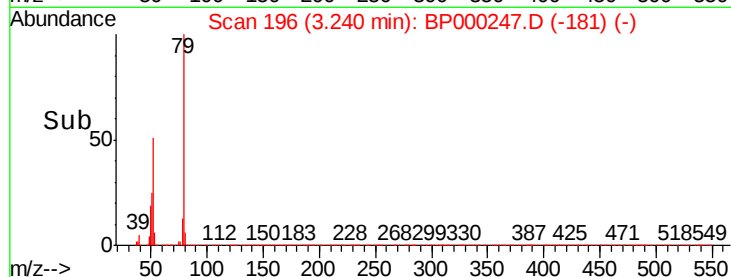
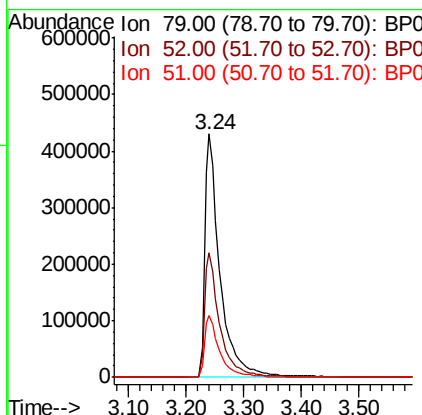
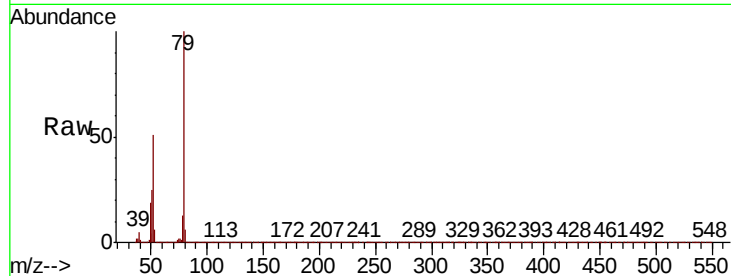
ClientSampleId :

ICVBP091619

Tot Ion:	79	Resp:	800115
Ion Ratio	Lower	Upper	
79	100		
52	51.1	40.9	61.3
51	25.4	20.2	30.2

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#4

n-Nitrosodimethylamine

Concen: 39.384 ng

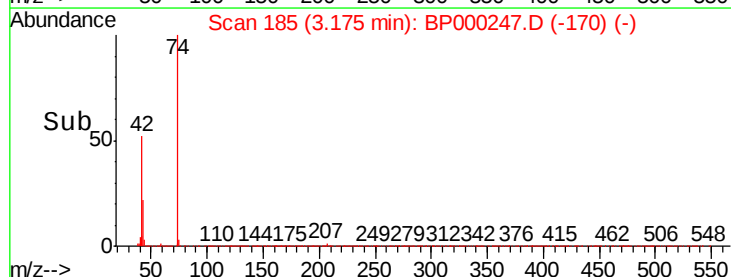
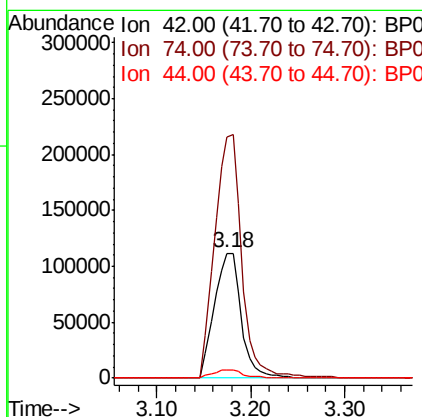
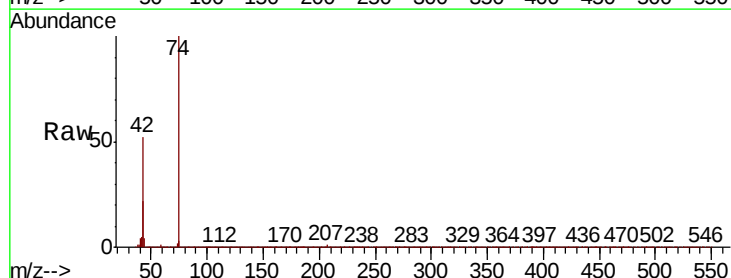
RT: 3.18 min Scan# 185

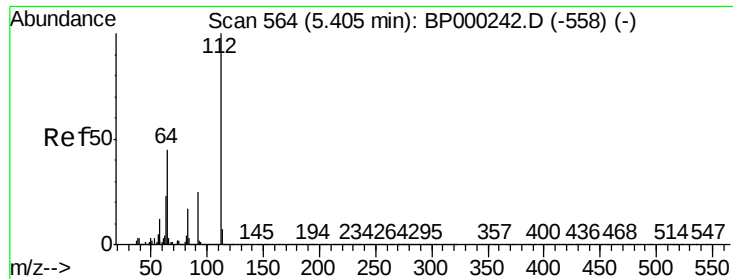
Delta R.T. -0.01 min

Lab File: BP000247.D

Acq: 16 Sep 2019 19:23

Tgt Ion:	42	Resp:	221955
Ion Ratio	Lower	Upper	
42	100		
74	192.9	154.5	231.7
44	6.8	5.9	8.9





#5

2-Fluorophenol

Concen: 84.828 ng

RT: 5.40 min Scan# 563

Delta R.T. -0.01 min

Lab File: BP000247.D

Acq: 16 Sep 2019 19:23

Instrument :

BNA_P

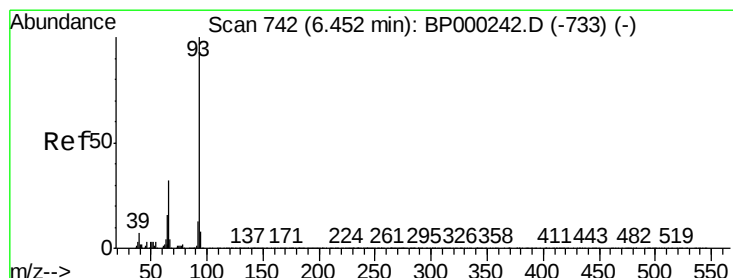
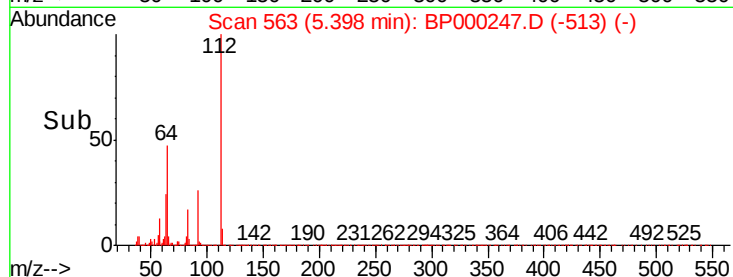
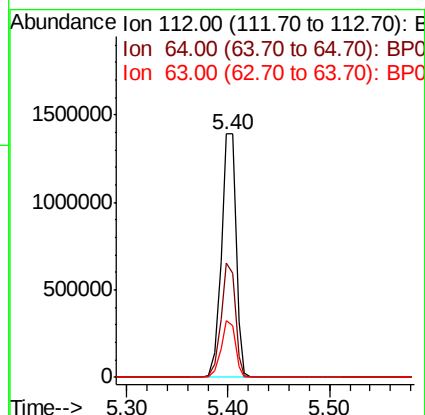
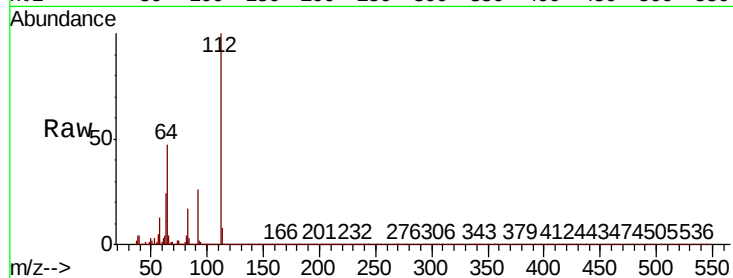
ClientSampleId :

ICVBP091619

Tot Ion:	112	Resp:	1395587
Ion	Ratio	Lower	Upper
112	100		
64	47.0	36.2	54.4
63	23.5	18.3	27.5

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#6

Aniline

Concen: 42.004 ng

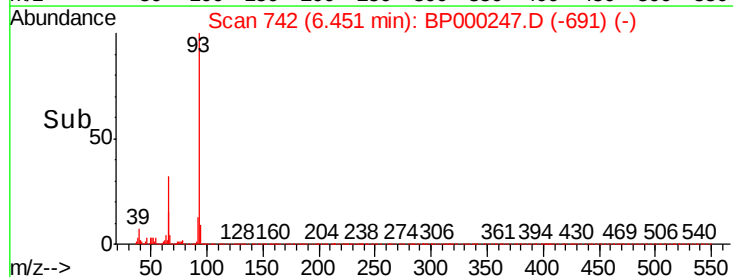
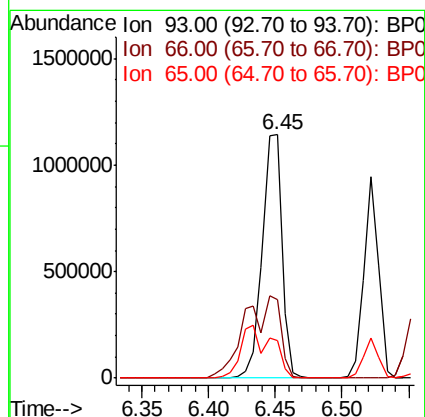
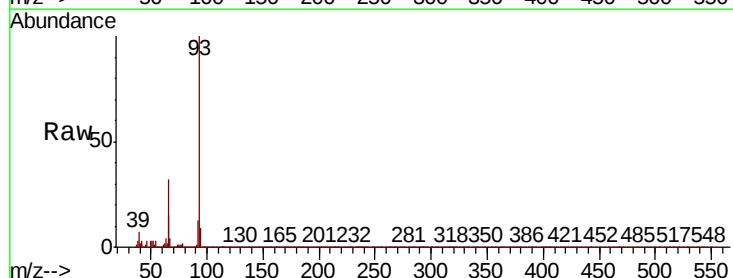
RT: 6.45 min Scan# 742

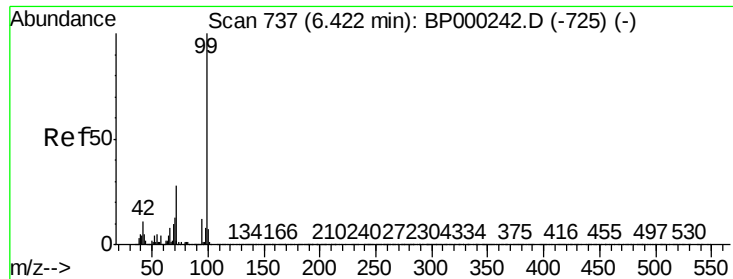
Delta R.T. -0.00 min

Lab File: BP000247.D

Acq: 16 Sep 2019 19:23

Tgt Ion:	93	Resp:	1167938
Ion	Ratio	Lower	Upper
93	100		
66	32.1	26.2	39.2
65	15.4	12.7	19.1





#7

Phenol-d6

Concen: 84.411 ng

RT: 6.42 min Scan# 736

Delta R.T. -0.01 min

Lab File: BP000247.D

Acq: 16 Sep 2019 19:23

Instrument :

BNA_P

ClientSampleId :

ICVBP091619

Tot Ion: 99 Resp: 1702292

Ion Ratio Lower Upper

99 100

42 11.4 8.5 12.7

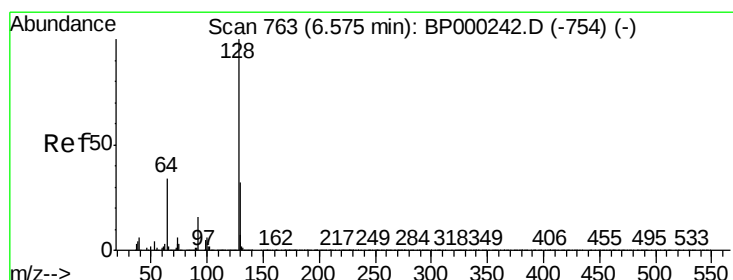
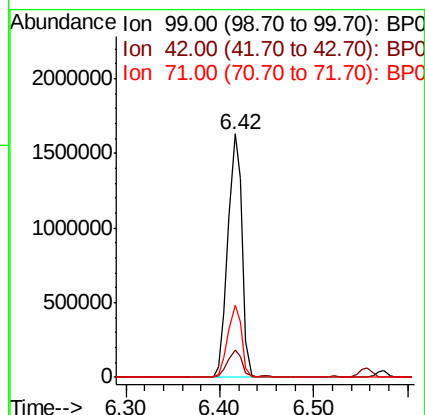
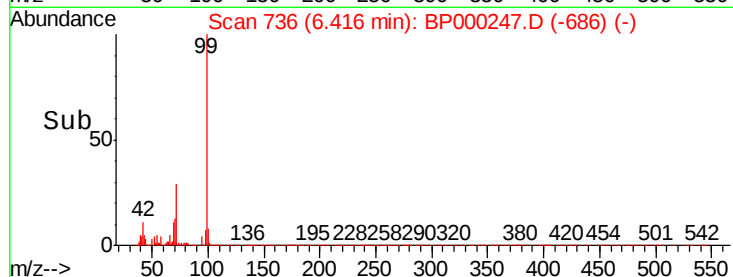
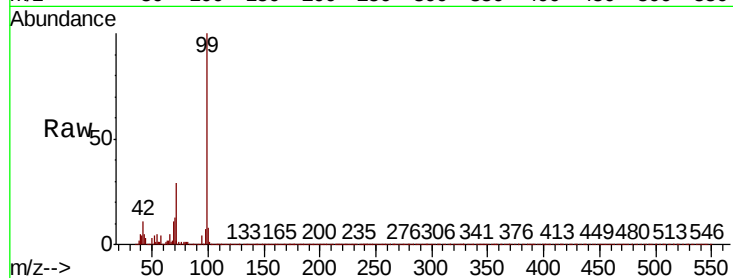
71 29.4 22.6 34.0

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#8

2-Chlorophenol

Concen: 43.051 ng

RT: 6.57 min Scan# 763

Delta R.T. -0.00 min

Lab File: BP000247.D

Acq: 16 Sep 2019 19:23

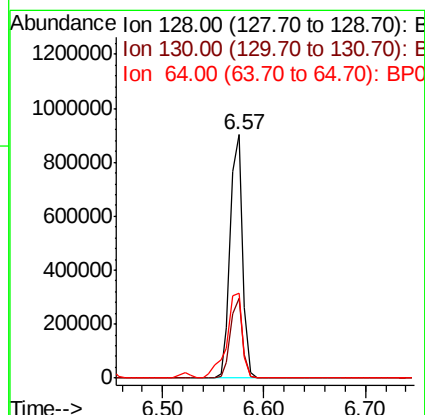
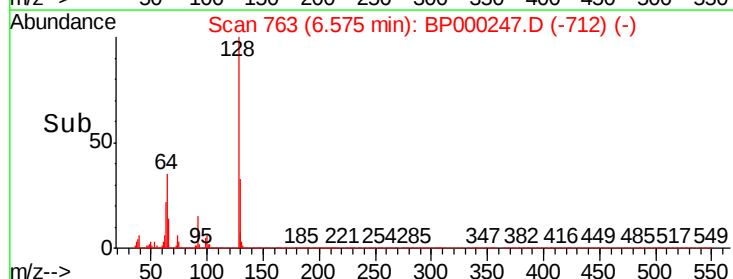
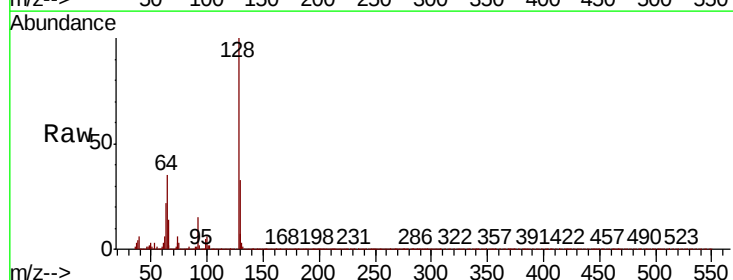
Tgt Ion: 128 Resp: 762693

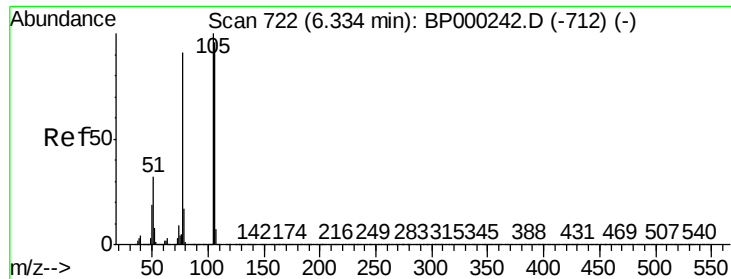
Ion Ratio Lower Upper

128 100

130 32.8 12.5 52.5

64 34.9 16.0 56.0





#9

Benzaldehyde

Concen: 41.631 ng

RT: 6.33 min Scan# 722

Delta R.T. -0.00 min

Lab File: BP000247.D

Acq: 16 Sep 2019 19:23

Instrument :

BNA_P

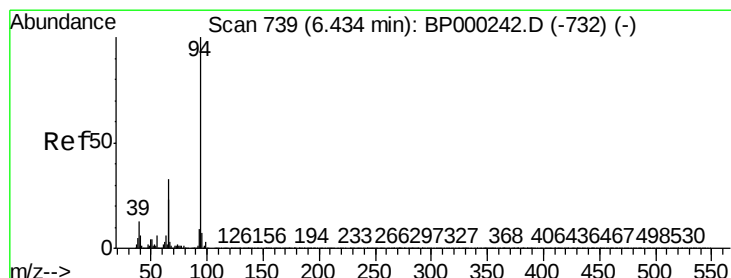
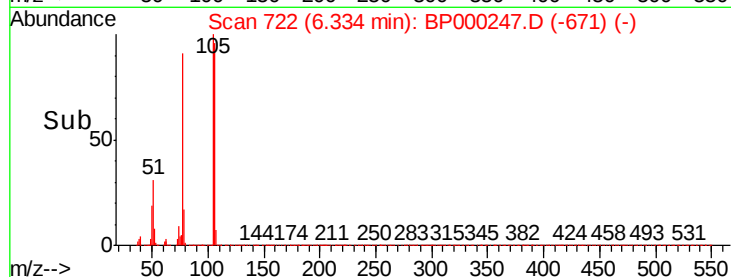
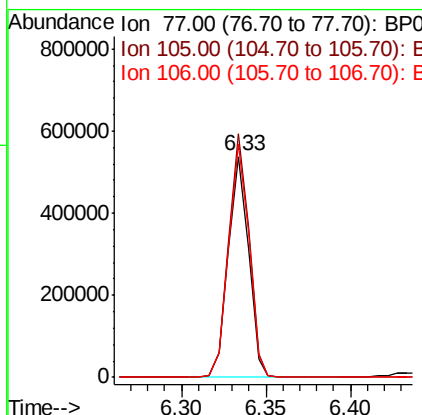
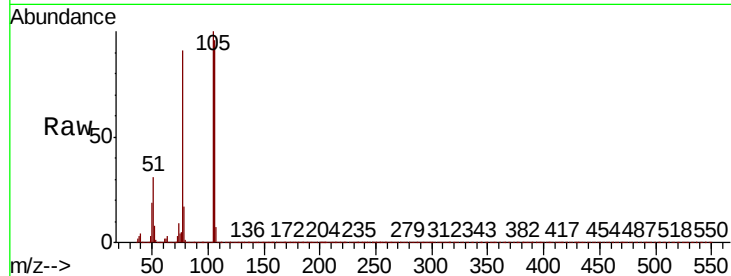
ClientSampleId :

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Tot Ion:	77	Resp:	450067
Ion	Ratio	Lower	Upper
77	100		
105	110.1	89.6	129.6
106	105.6	84.6	124.6

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#10

Phenol

Concen: 43.570 ng

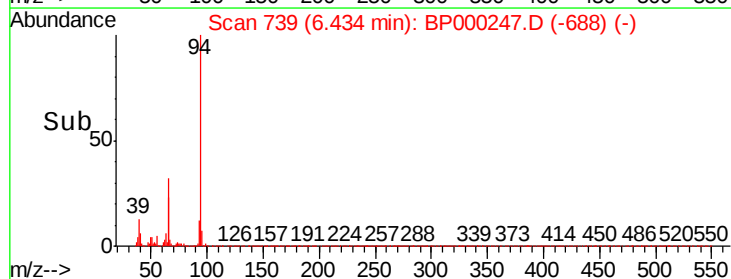
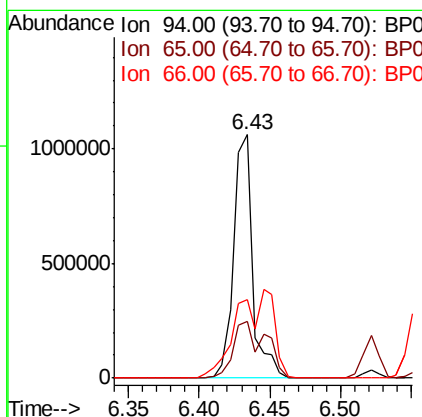
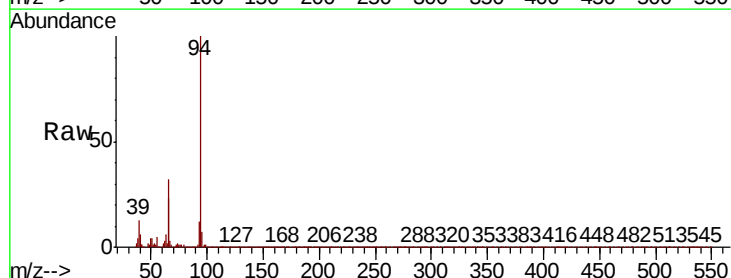
RT: 6.43 min Scan# 739

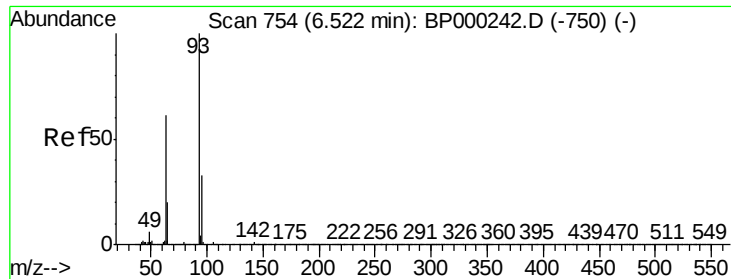
Delta R.T. -0.00 min

Lab File: BP000247.D

Acq: 16 Sep 2019 19:23

Tgt Ion:	94	Resp:	998305
Ion	Ratio	Lower	Upper
94	100		
65	23.1	3.3	43.3
66	32.1	12.7	52.7





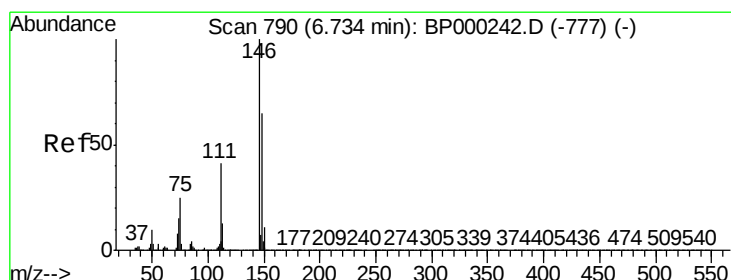
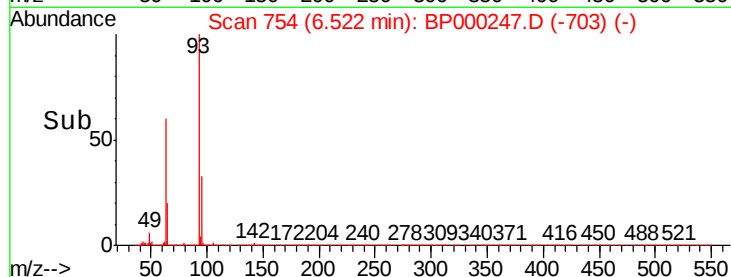
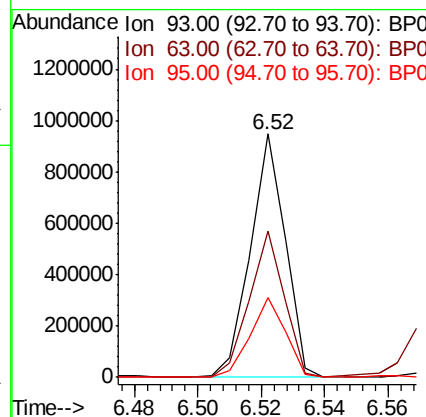
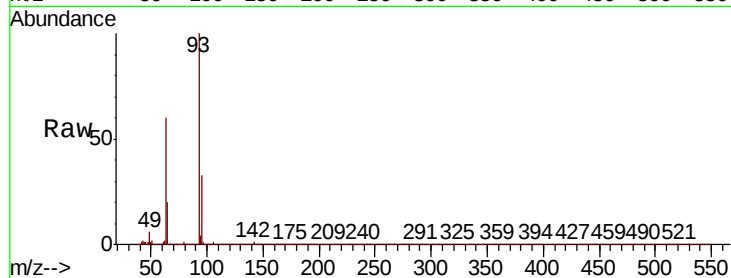
#11
bis(2-Chloroethyl)ether
Concen: 41.129 ng
RT: 6.52 min Scan# 754
Delta R.T. -0.00 min
Lab File: BP000247.D
Acq: 16 Sep 2019 19:23

Instrument :
BNA_P
ClientSampleId :
ICVBP091619

Tot Ion	Ion	Ratio	Resp	Lower	Upper
93	100		721643		
63	60.3	41.0	81.0		
95	32.8	12.7	52.7		

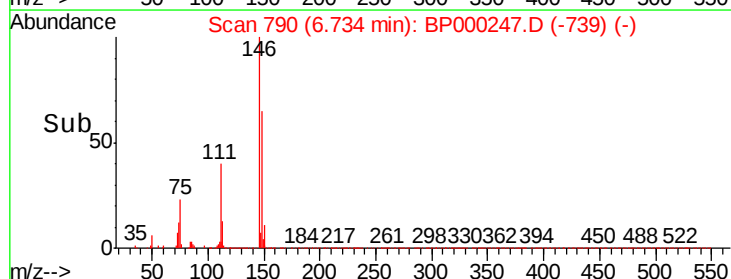
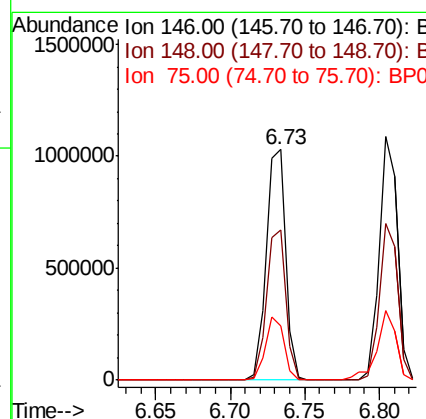
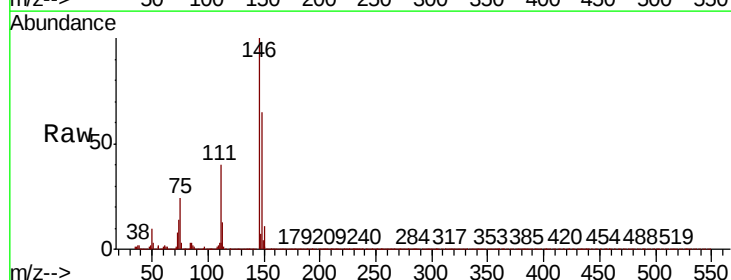
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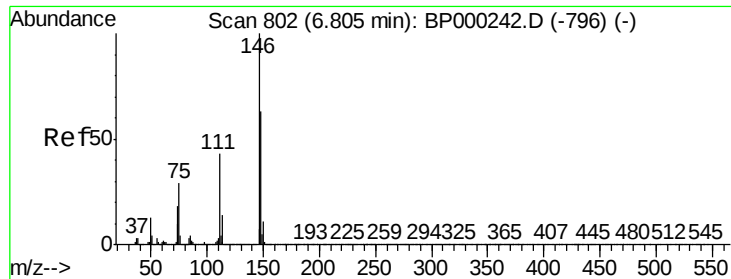
mohammad
9/17/2019 1:27:30 PM



#12
1,3-Dichlorobenzene
Concen: 42.945 ng
RT: 6.73 min Scan# 790
Delta R.T. -0.00 min
Lab File: BP000247.D
Acq: 16 Sep 2019 19:23

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
146	100		912978		
148	65.3	52.1	78.1		
75	23.7	20.2	30.4		





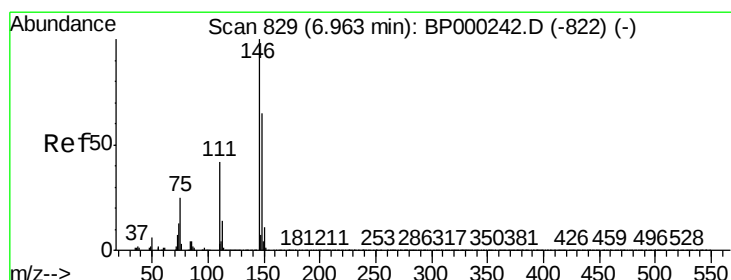
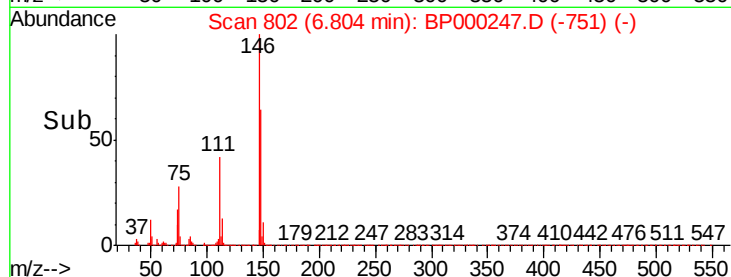
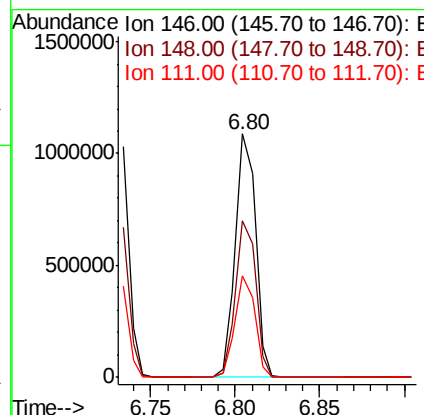
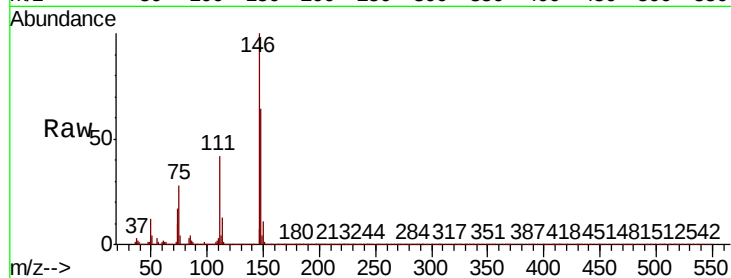
#13
1,4-Dichlorobenzene
Concen: 42.767 ng
RT: 6.80 min Scan# 802
Delta R.T. -0.00 min
Lab File: BP000247.D
Acq: 16 Sep 2019 19:23

Instrument :
BNA_P
ClientSampleId :
ICVBP091619

Tot Ion	Ratio	Lower	Upper
146	100		
148	64.1	50.7	76.1
111	41.9	34.1	51.1

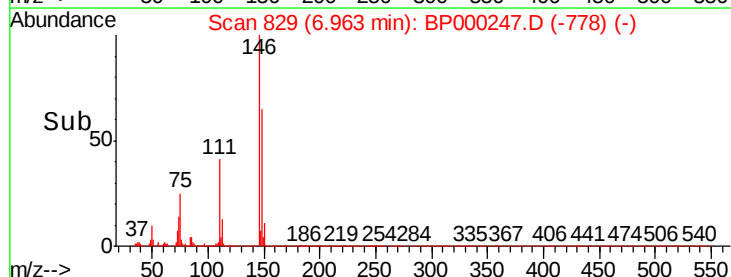
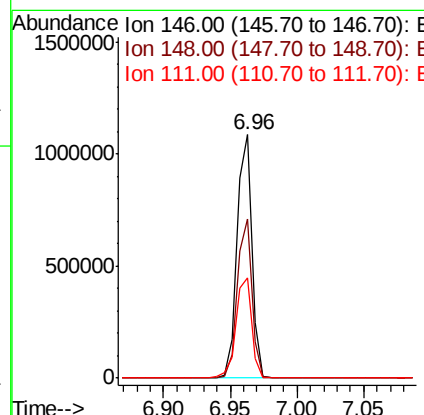
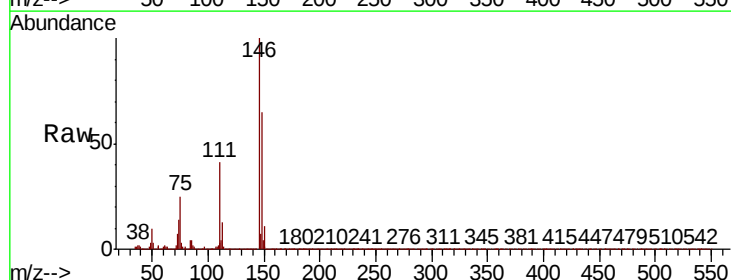
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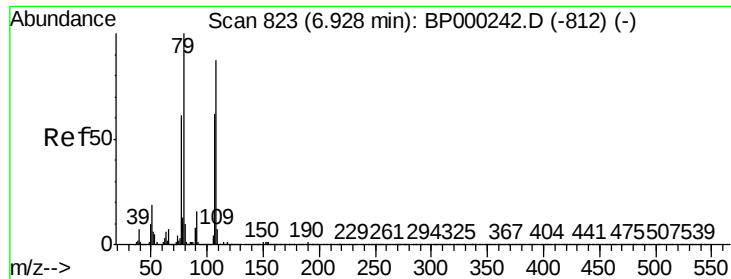
mohammad
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#14
1,2-Dichlorobenzene
Concen: 44.146 ng
RT: 6.96 min Scan# 829
Delta R.T. -0.00 min
Lab File: BP000247.D
Acq: 16 Sep 2019 19:23

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.4	51.7	77.5
111	41.2	33.4	50.2





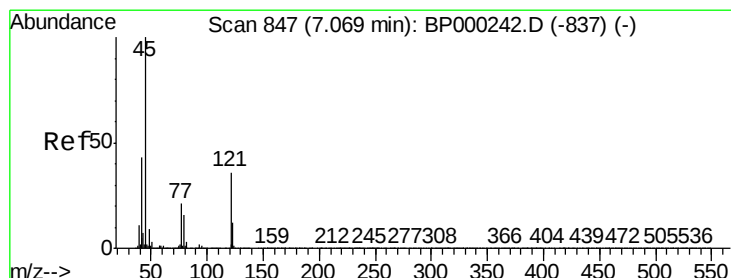
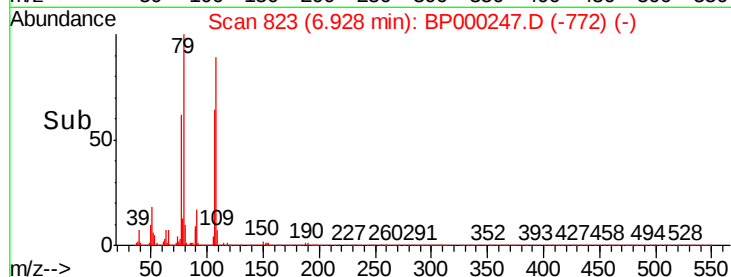
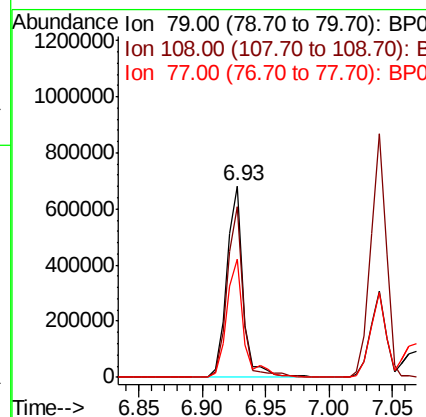
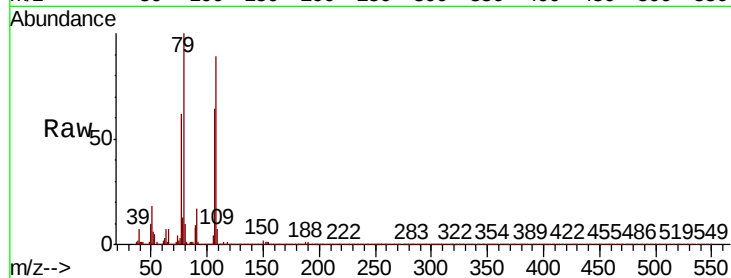
#15
Benzyl Alcohol
Concen: 42.101 ng
RT: 6.93 min Scan# 823
Delta R.T. -0.00 min
Lab File: BP000247.D
Acq: 16 Sep 2019 19:23

Instrument :
BNA_P
ClientSampleId :
ICVBP091619

Tot Ion	Ratio	Lower	Upper
79	100		
108	89.1	69.2	103.8
77	61.7	48.7	73.1

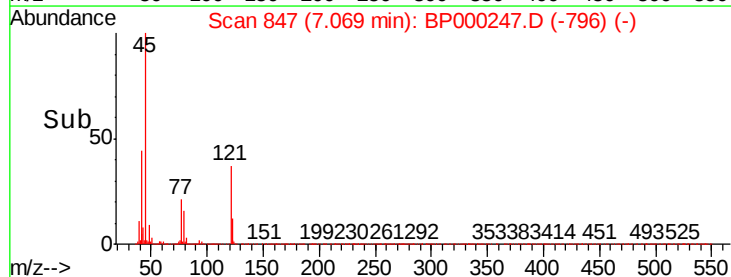
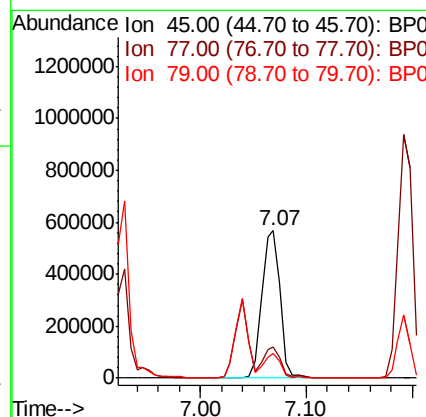
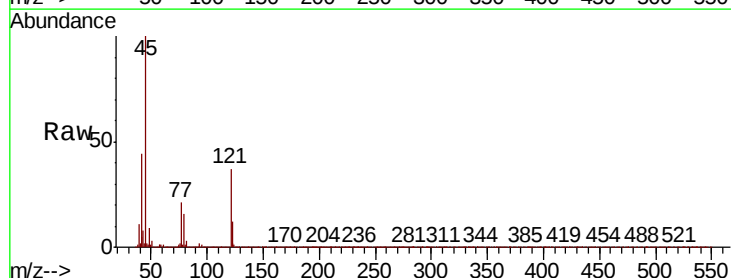
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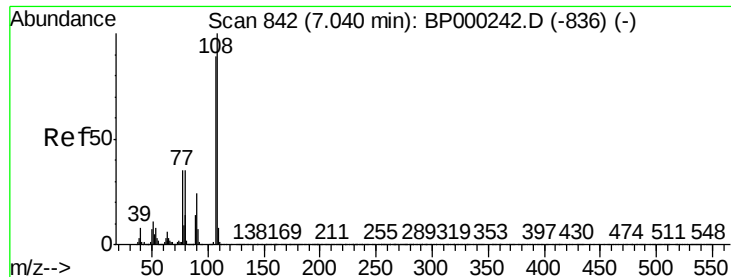
mohammad
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 41.478 ng
RT: 7.07 min Scan# 847
Delta R.T. -0.00 min
Lab File: BP000247.D
Acq: 16 Sep 2019 19:23

Tgt Ion	Ratio	Lower	Upper
45	100		
77	21.2	0.7	40.7
79	16.5	0.0	36.4





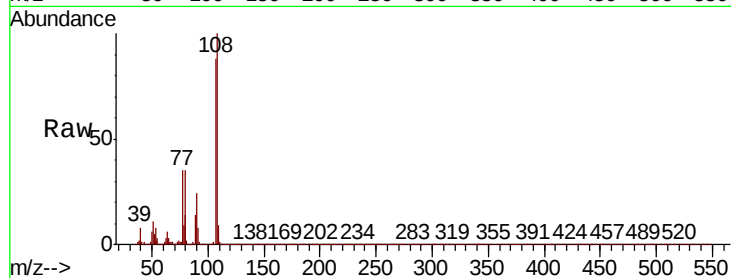
#17
2-Methylphenol
Concen: 41.439 ng
RT: 7.04 min Scan# 842
Delta R.T. -0.00 min
Lab File: BP000247.D
Acq: 16 Sep 2019 19:23

Instrument :
BNA_P
ClientSampleId :
ICVBP091619

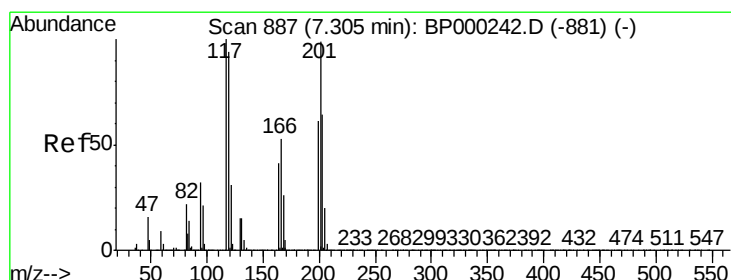
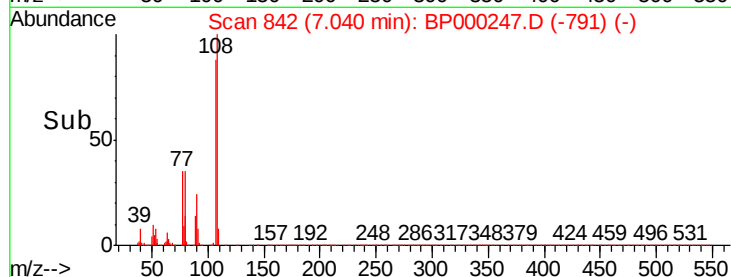
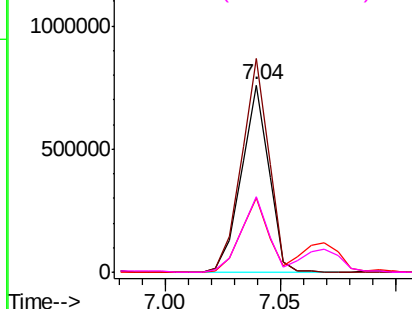
Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	113.9	90.1	135.1	
77	39.8	31.5	47.3	
79	40.1	32.2	48.2	

Manual Integrations
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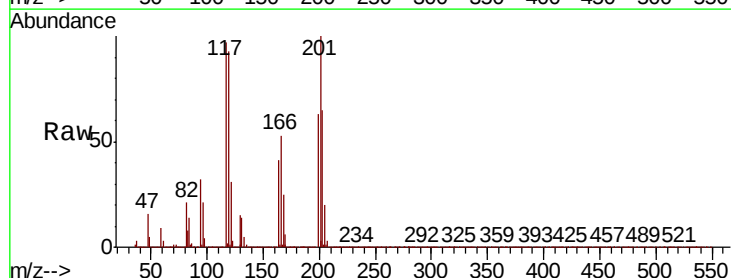


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BP0
Ion 79.00 (78.70 to 79.70): BP0

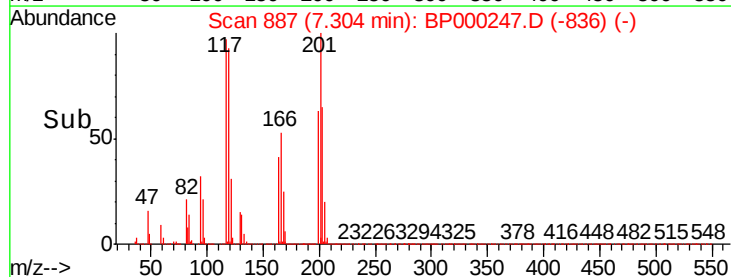
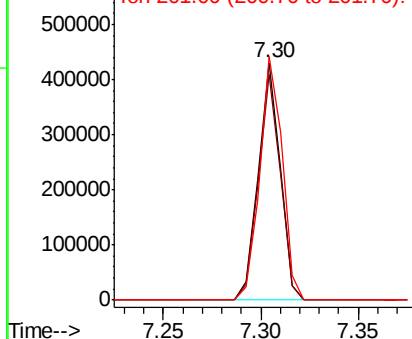


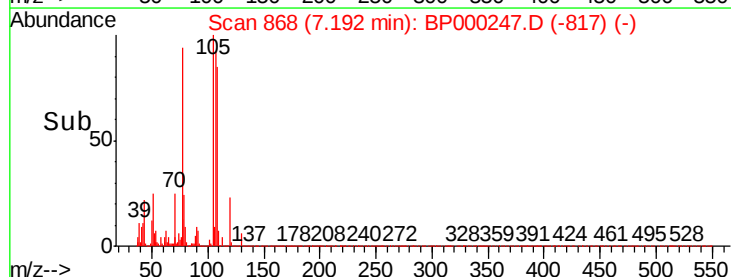
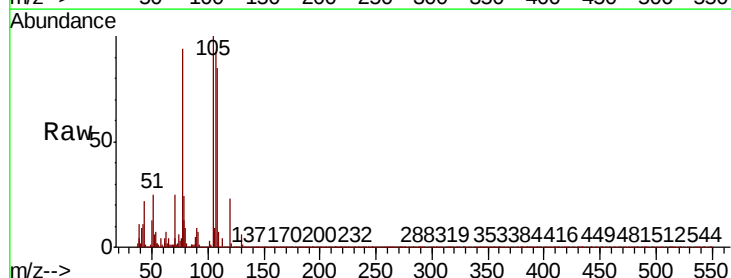
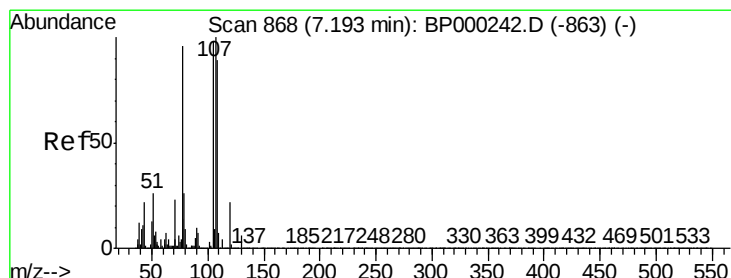
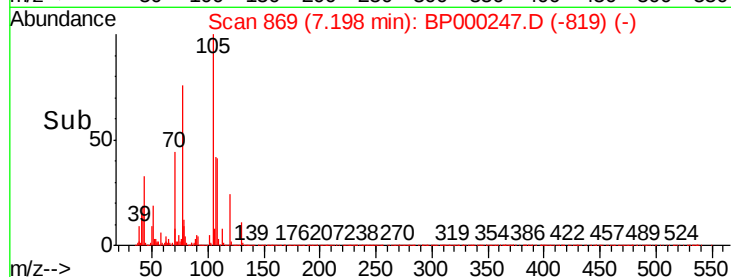
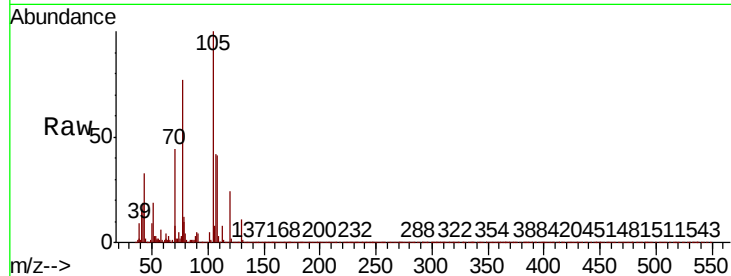
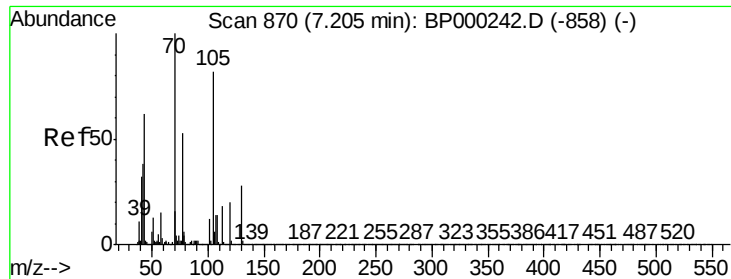
#18
Hexachloroethane
Concen: 42.651 ng
RT: 7.30 min Scan# 887
Delta R.T. -0.00 min
Lab File: BP000247.D
Acq: 16 Sep 2019 19:23

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	95.2	75.6	113.4	
201	102.6	79.4	119.2	



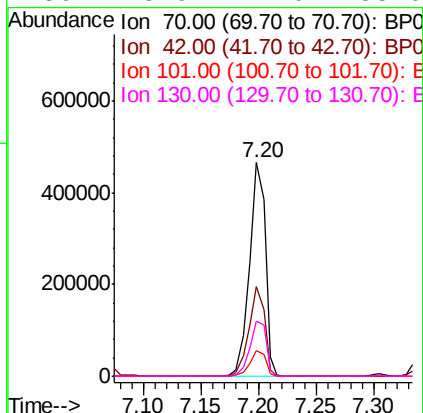
Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E





#19
n-Nitroso-di-n-propylamine
Concen: 41.505 ng
RT: 7.20 min Scan# 869
Delta R.T. -0.01 min
Lab File: BP000247.D
Acq: 16 Sep 2019 19:23

Tot Ion	Ion	Ratio	Resp	Lower	Upper
70	100				
42	42.0	30.7	46.1		
101	11.8	9.6	14.4		
130	25.9	22.0	33.0		



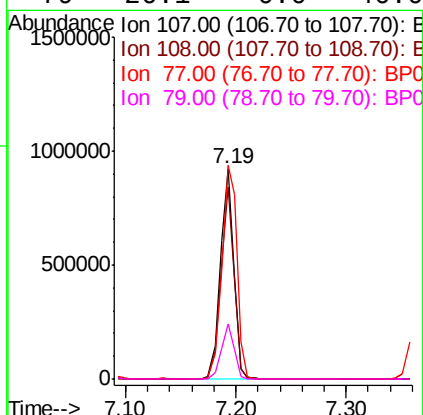
Instrument :
BNA_P
ClientSampleId :
ICVBP091619

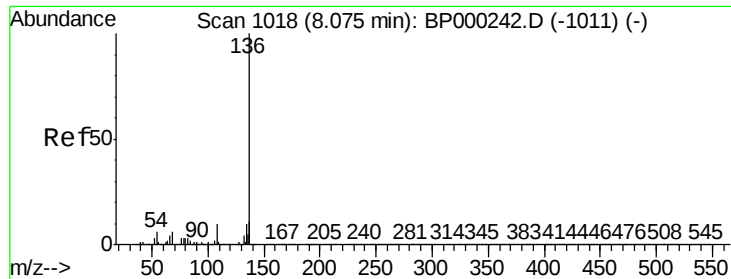
Manual Integrations
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#20
3+4-Methylphenols
Concen: 42.195 ng
RT: 7.19 min Scan# 868
Delta R.T. -0.00 min
Lab File: BP000247.D
Acq: 16 Sep 2019 19:23

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100				
108	91.6	68.8	108.8		
77	101.8	75.7	115.7		
79	26.1	6.0	46.0		





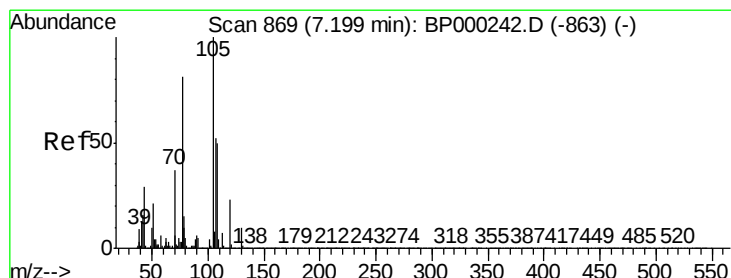
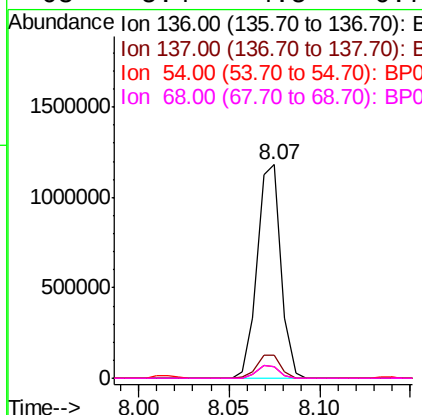
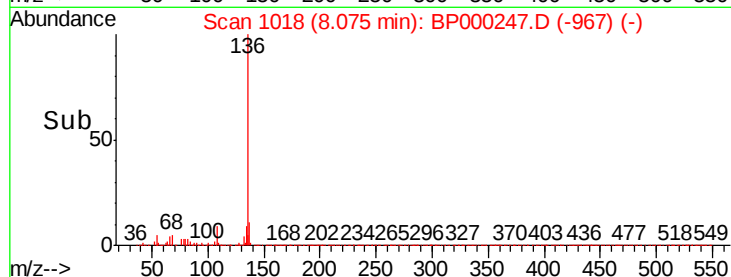
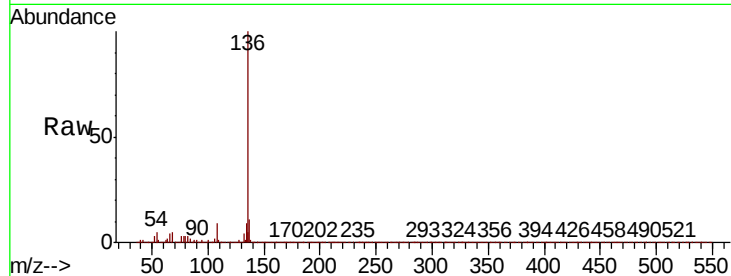
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.07 min Scan# 1018
Delta R.T. -0.00 min
Lab File: BP000247.D
Acq: 16 Sep 2019 19:23

Instrument :
BNA_P
ClientSampleId :
ICVBP091619

Tot Ion	136	Resp	1071008
Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.6	13.0
54	5.4	4.5	6.7
68	5.4	4.5	6.7

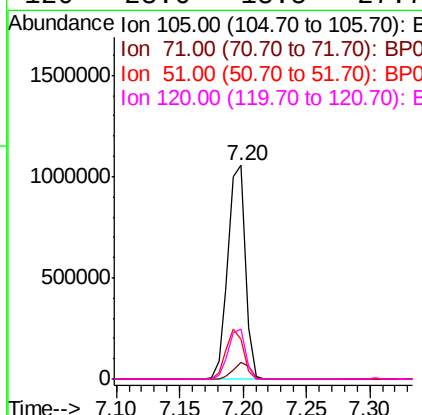
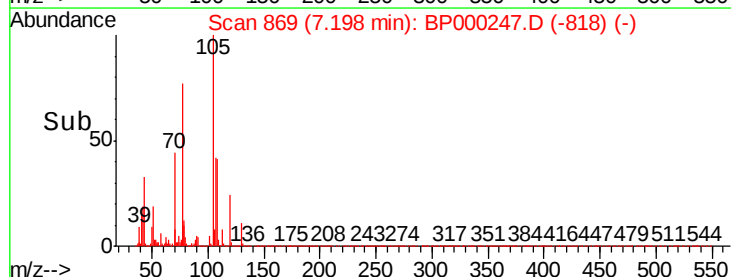
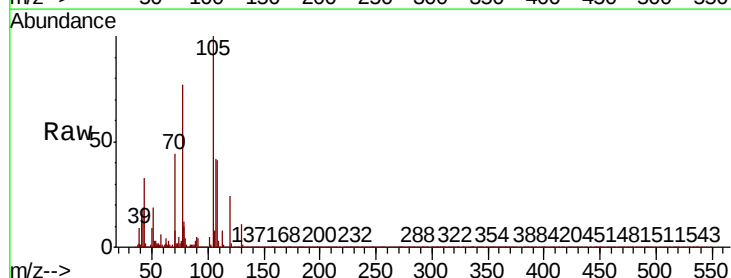
Manual Integrations
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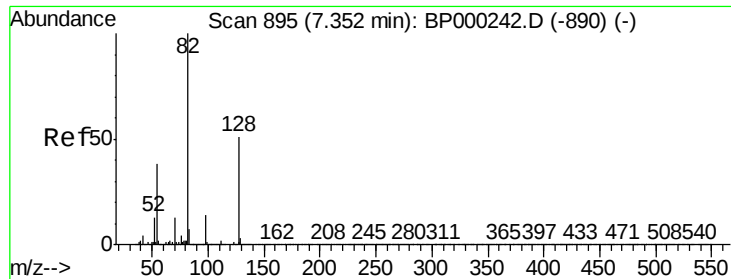
mohammad
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#22
Acetophenone
Concen: 43.410 ng
RT: 7.20 min Scan# 869
Delta R.T. -0.00 min
Lab File: BP000247.D
Acq: 16 Sep 2019 19:23

Tgt Ion	105	Resp	1007540
Ion	Ratio	Lower	Upper
105	100		
71	7.6	5.2	7.8
51	18.9	16.6	24.8
120	23.6	18.5	27.7





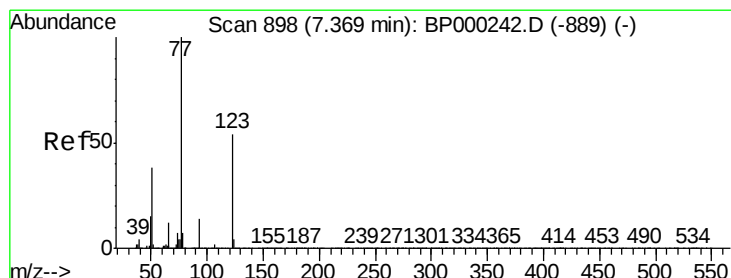
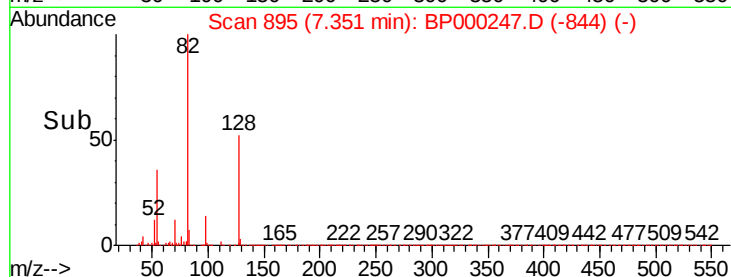
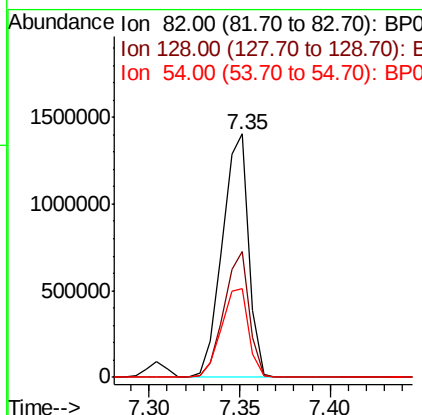
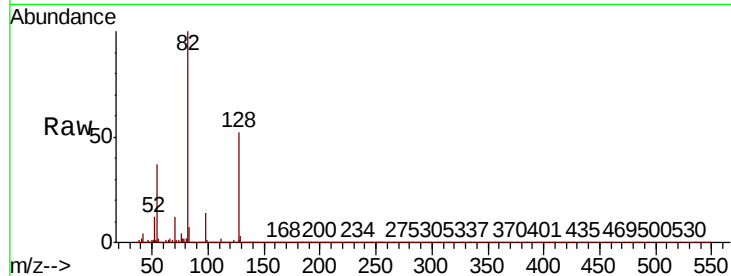
#23
Nitrobenzene-d5
Concen: 85.479 ng
RT: 7.35 min Scan# 895
Delta R.T. -0.00 min
Lab File: BP000247.D
Acq: 16 Sep 2019 19:23

Instrument :
BNA_P
ClientSampleId :
ICVBP091619

Tot Ion	Ratio	Lower	Upper
82	100		
128	51.7	40.7	61.1
54	36.6	30.1	45.1

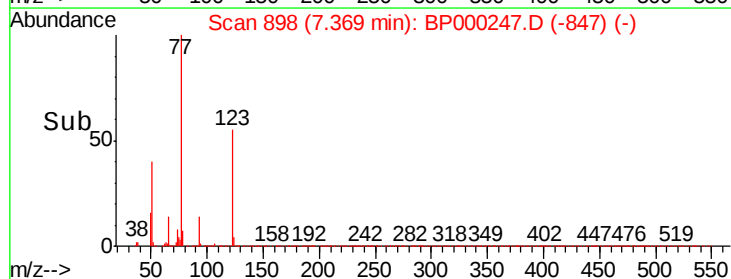
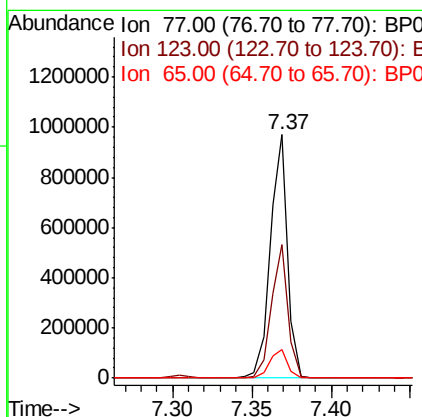
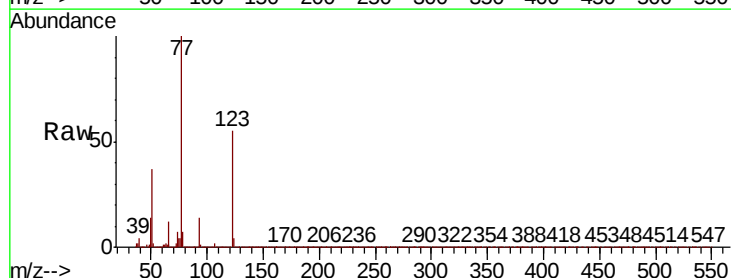
Manual Integrations
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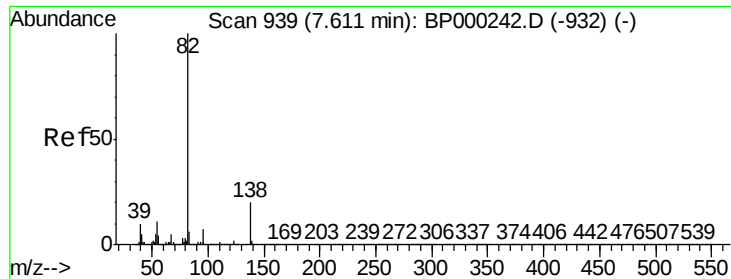
mohammad
9/17/2019 1:27:30 PM



#24
Nitrobenzene
Concen: 42.828 ng
RT: 7.37 min Scan# 898
Delta R.T. -0.00 min
Lab File: BP000247.D
Acq: 16 Sep 2019 19:23

Tgt Ion	Ratio	Lower	Upper
77	100		
123	55.1	43.1	64.7
65	11.9	9.4	14.2





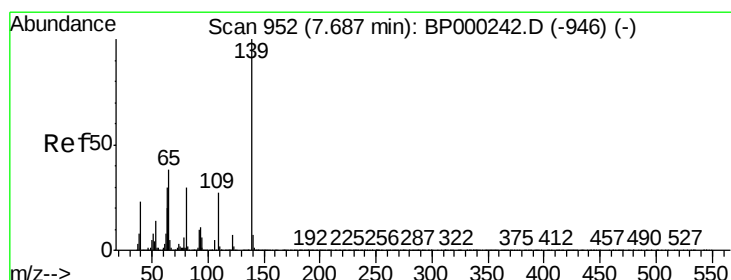
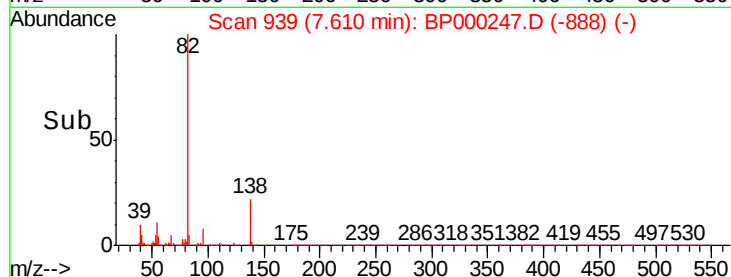
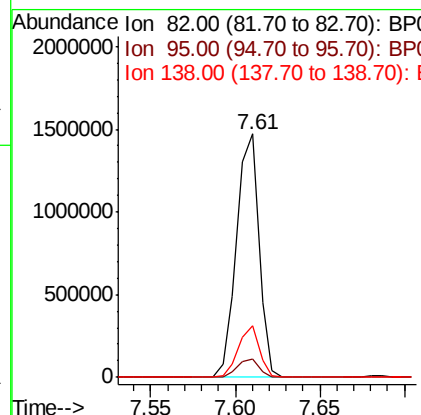
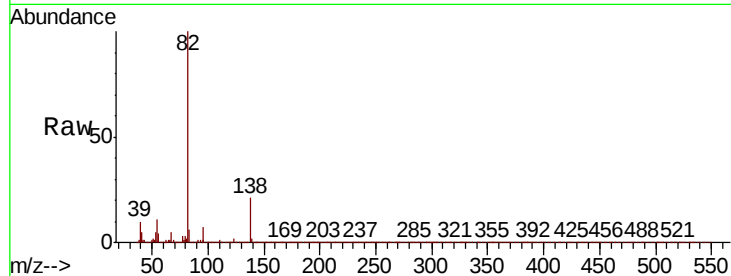
#25
Isophorone
Concen: 41.285 ng
RT: 7.61 min Scan# 939
Delta R.T. -0.00 min
Lab File: BP000247.D
Acq: 16 Sep 2019 19:23

Instrument :
BNA_P
ClientSampleId :
ICVBP091619

Tot Ion	82	Resp	1357016
Ion	Ratio	Lower	Upper
82	100		
95	7.4	5.9	8.9
138	21.1	15.9	23.9

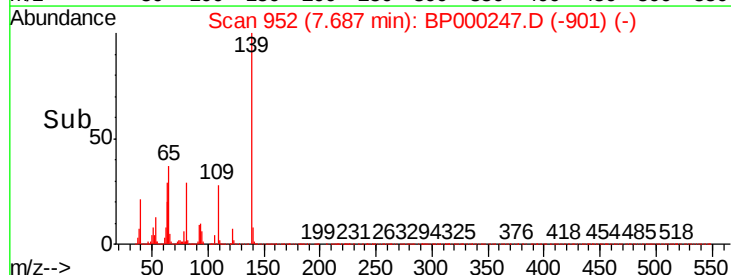
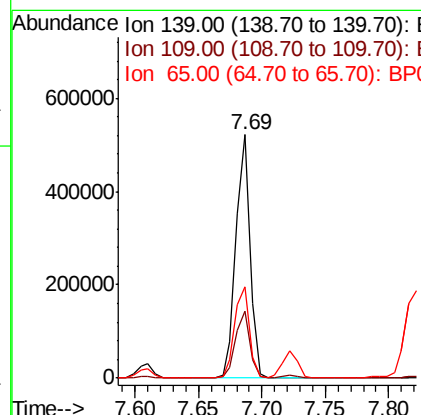
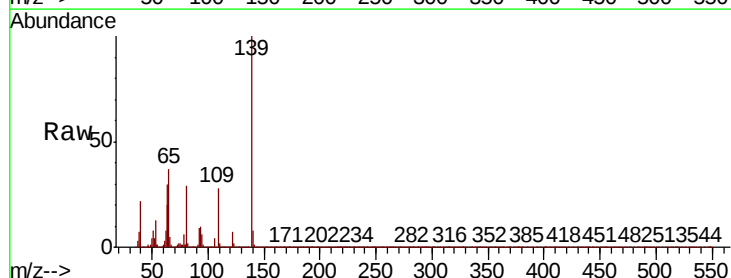
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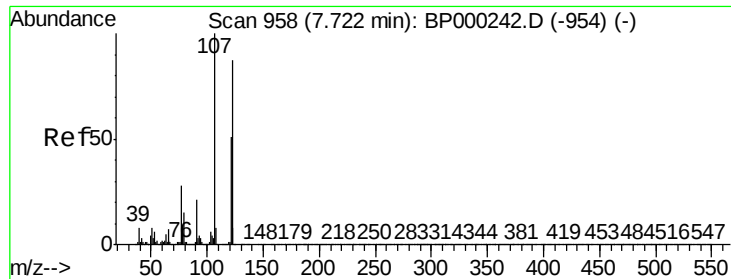
mohammad
9/17/2019 1:27:30 PM



#26
2-Nitrophenol
Concen: 43.807 ng
RT: 7.69 min Scan# 952
Delta R.T. -0.00 min
Lab File: BP000247.D
Acq: 16 Sep 2019 19:23

Tgt Ion	139	Resp	400417
Ion	Ratio	Lower	Upper
139	100		
109	27.6	21.8	32.6
65	37.3	30.5	45.7





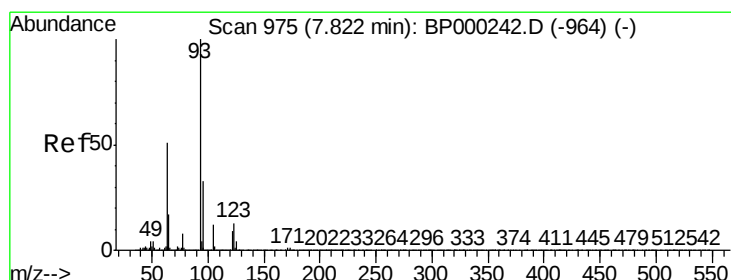
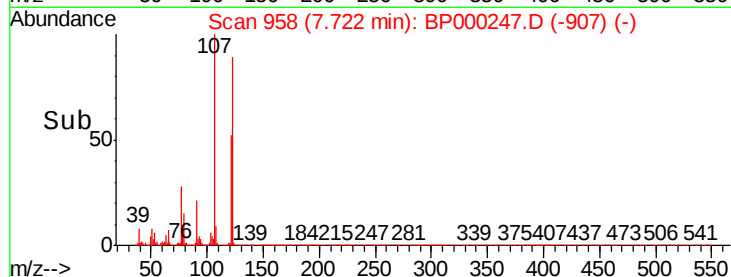
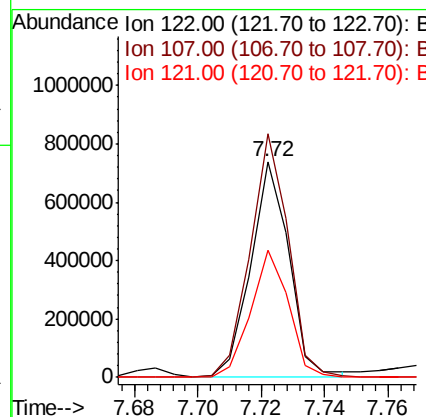
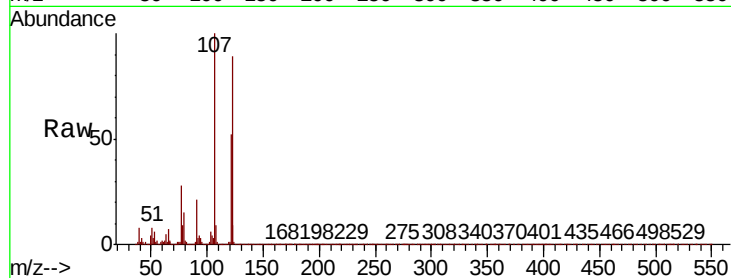
#27
2,4-Dimethylphenol
Concen: 42.379 ng
RT: 7.72 min Scan# 958
Delta R.T. -0.00 min
Lab File: BP000247.D
Acq: 16 Sep 2019 19:23

Instrument :
BNA_P
ClientSampleId :
ICVBP091619

Tot Ion	Ratio	Resp	Lower	Upper
122	100	617027		
107	112.7	91.5	137.3	
121	58.7	46.9	70.3	

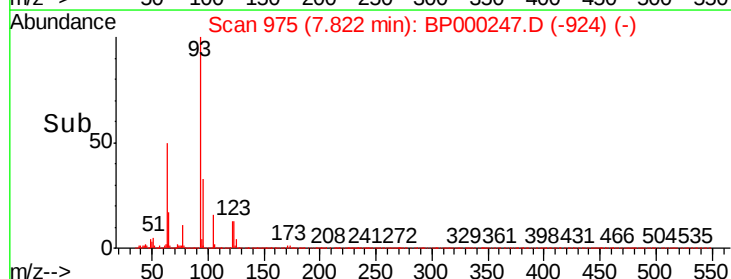
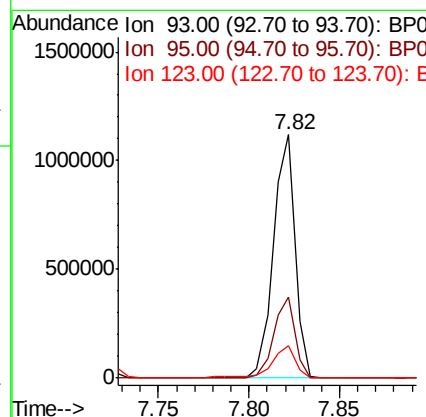
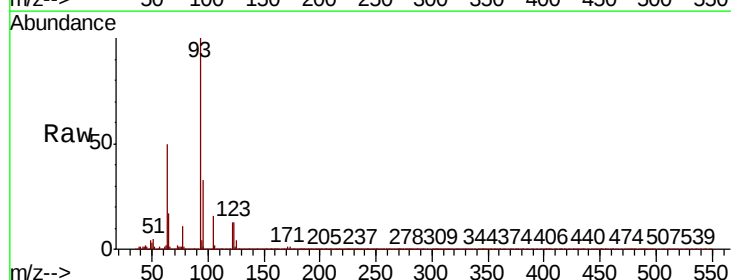
Manual Integrations
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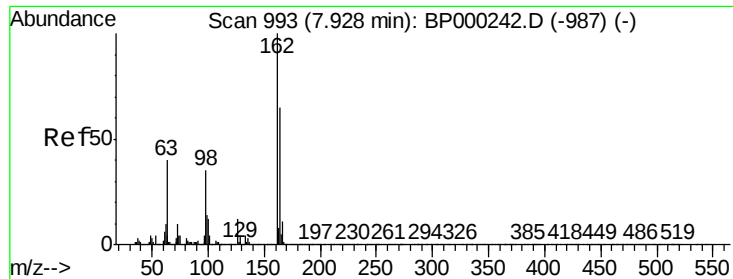
mohammad
9/17/2019 1:27:30 PM



#28
bis(2-Chloroethoxy)methane
Concen: 42.303 ng
RT: 7.82 min Scan# 975
Delta R.T. -0.00 min
Lab File: BP000247.D
Acq: 16 Sep 2019 19:23

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	924828		
95	33.1	26.2	39.4	
123	13.4	10.2	15.2	





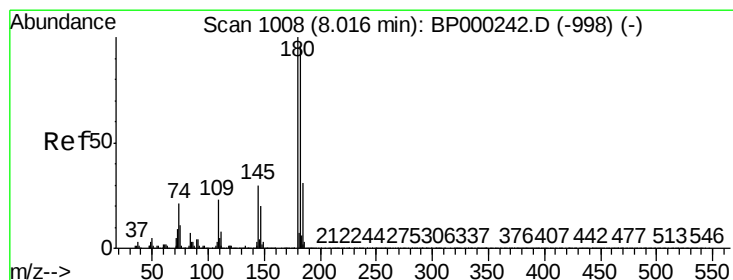
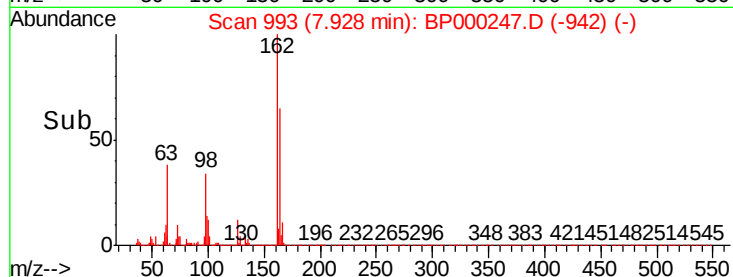
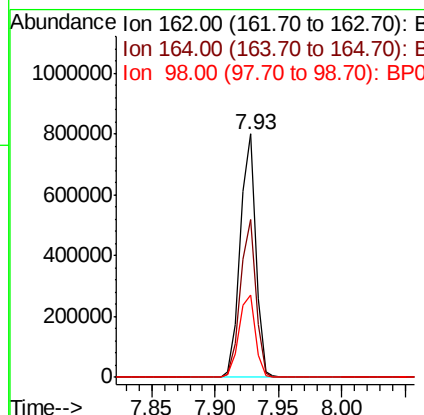
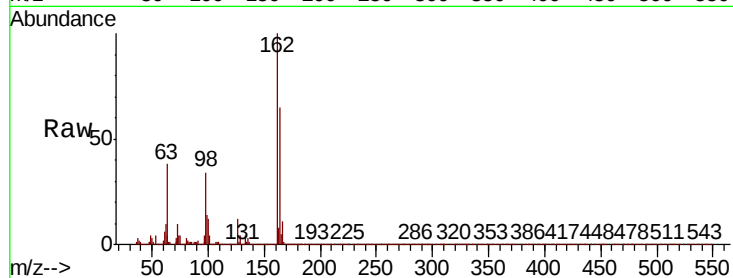
#29
2,4-Dichlorophenol
Concen: 43.018 ng
RT: 7.93 min Scan# 993
Delta R.T. -0.00 min
Lab File: BP000247.D
Acq: 16 Sep 2019 19:23

Instrument :
BNA_P
ClientSampleId :
ICVBP091619

Tot Ion	Ratio	Resp	Lower	Upper
162	100	671275		
164	64.7	44.5	84.5	
98	33.9	15.2	55.2	

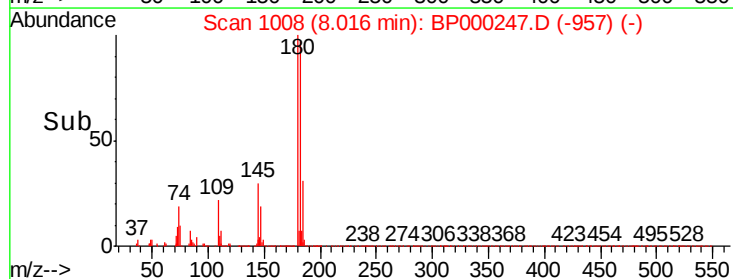
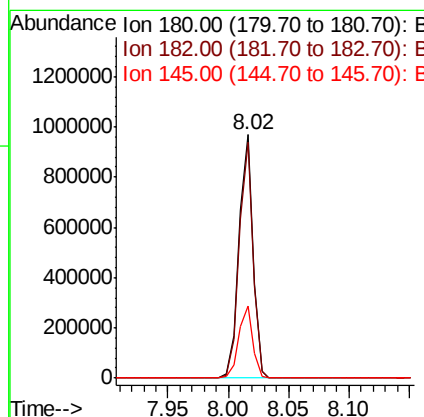
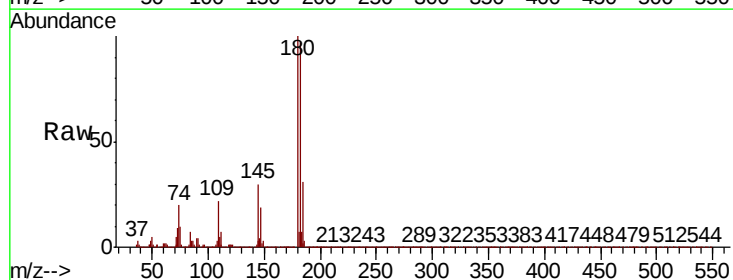
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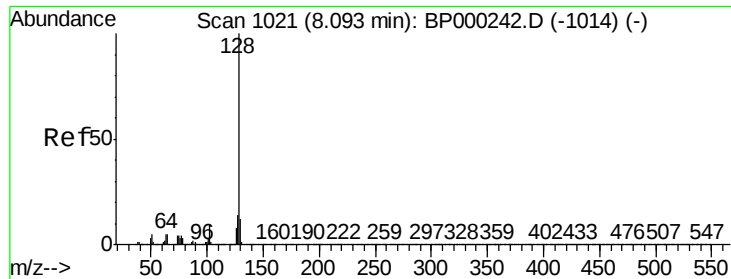
mohammad
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#30
1,2,4-Trichlorobenzene
Concen: 43.819 ng
RT: 8.02 min Scan# 1008
Delta R.T. -0.00 min
Lab File: BP000247.D
Acq: 16 Sep 2019 19:23

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	783762		
182	96.7	77.2	115.8	
145	29.8	24.3	36.5	





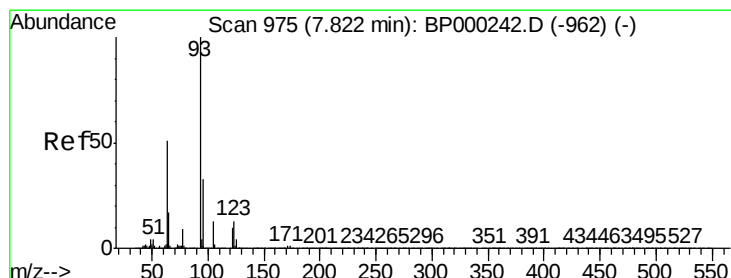
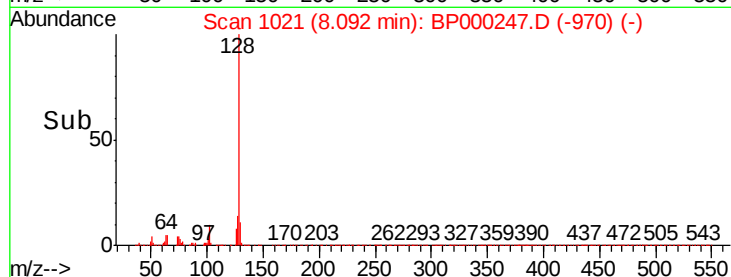
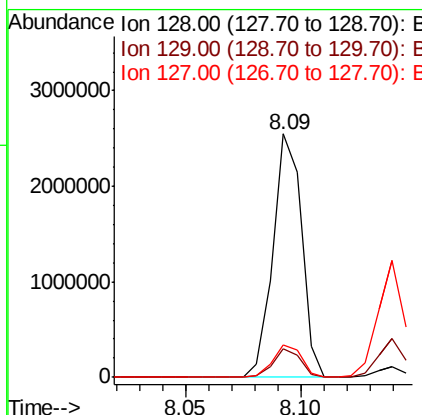
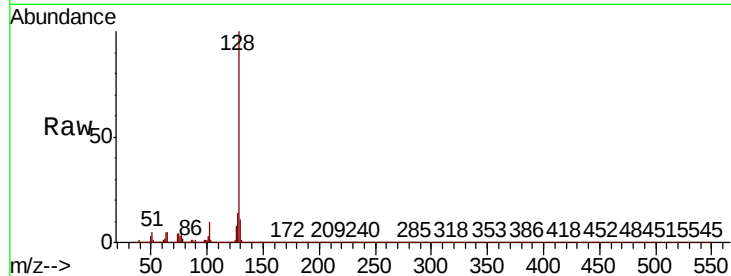
#31
Naphthalene
Concen: 44.043 ng
RT: 8.09 min Scan# 1021
Delta R.T. -0.00 min
Lab File: BP000247.D
Acq: 16 Sep 2019 19:23

Instrument :
BNA_P
ClientSampleId :
ICVBP091619

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.5	9.2	13.8
127	13.6	11.0	16.6

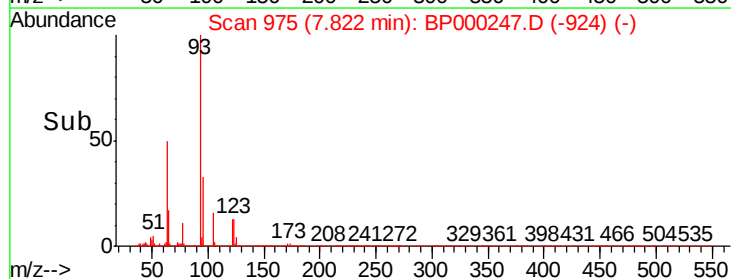
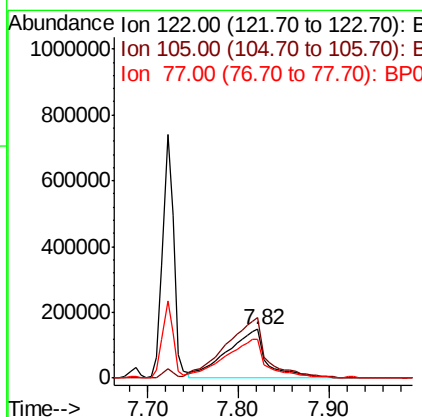
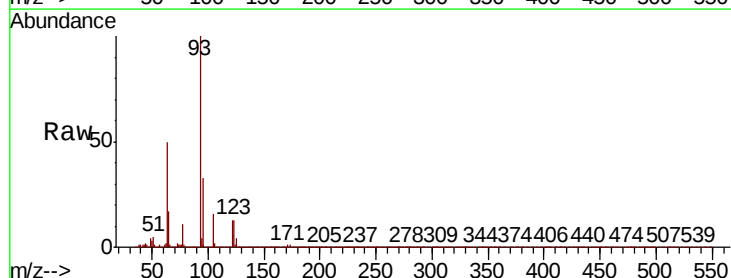
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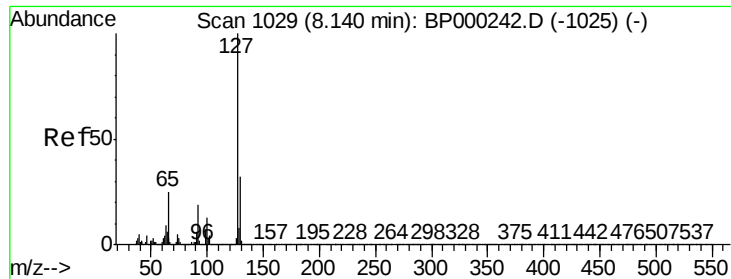
mohammad
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#32
Benzoic acid
Concen: 44.733 ng
RT: 7.82 min Scan# 975
Delta R.T. -0.00 min
Lab File: BP000247.D
Acq: 16 Sep 2019 19:23

Tgt Ion	Ratio	Lower	Upper
122	100		
105	123.4	105.4	145.4
77	81.0	65.3	105.3





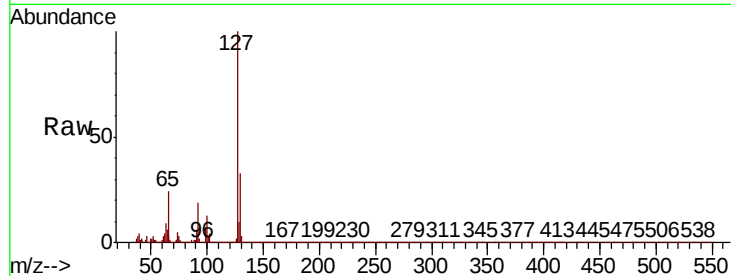
#33
4-Chloroaniline
Concen: 42.641 ng
RT: 8.14 min Scan# 1029
Delta R.T. -0.00 min
Lab File: BP000247.D
Acq: 16 Sep 2019 19:23

Instrument :
BNA_P
ClientSampleId :
ICVBP091619

Tot Ion	Ratio	Resp	Lower	Upper
127	100	957201		
129	32.8	25.7	38.5	
65	23.7	19.9	29.9	
92	18.6	15.4	23.0	

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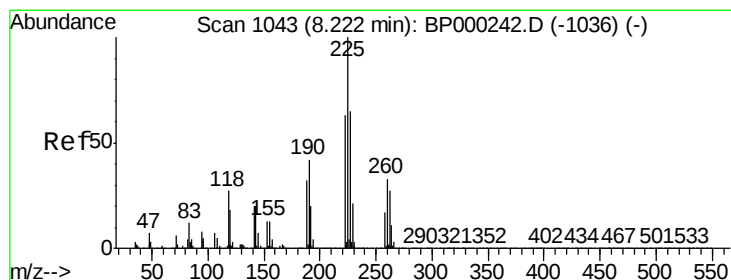
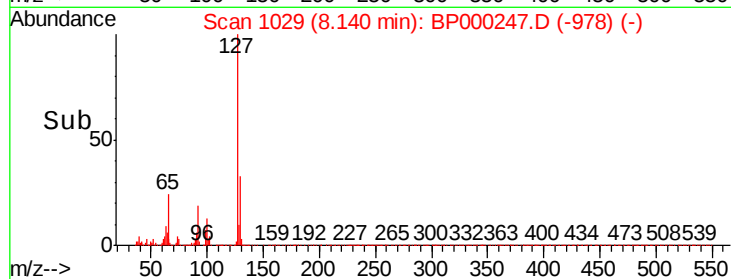
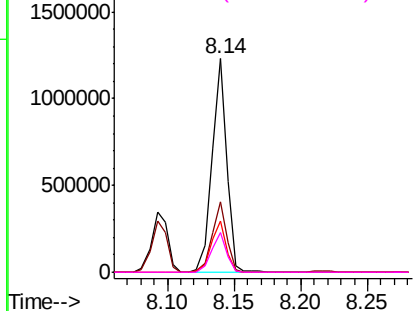
Abundance

Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

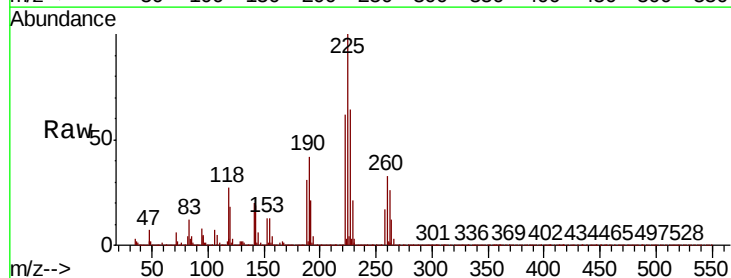
Ion 65.00 (64.70 to 65.70): BP0

Ion 92.00 (91.70 to 92.70): BP0



#34
Hexachlorobutadiene
Concen: 44.005 ng
RT: 8.22 min Scan# 1043
Delta R.T. -0.00 min
Lab File: BP000247.D
Acq: 16 Sep 2019 19:23

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	466360		
223	62.2	50.2	75.2	
227	63.6	51.8	77.6	

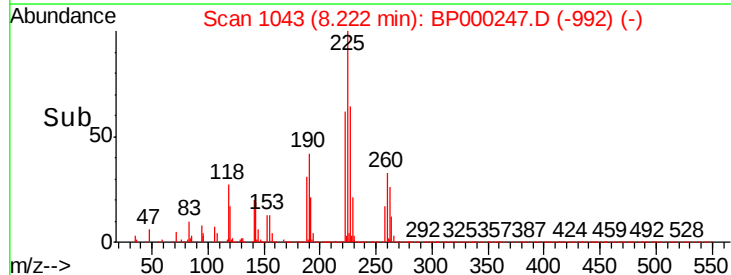
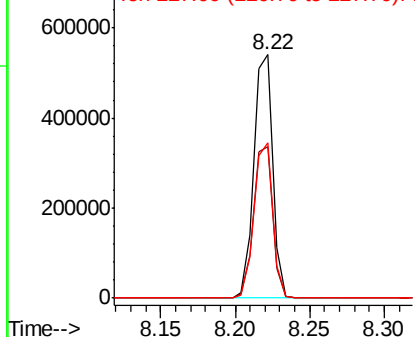


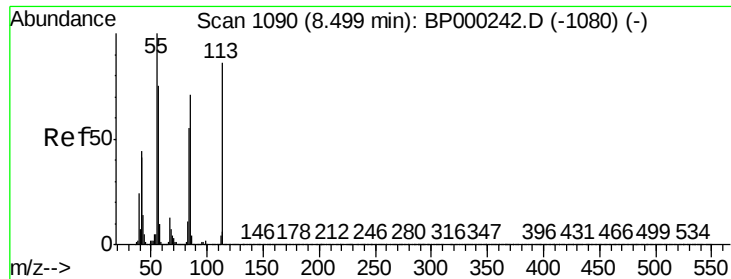
Abundance

Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 41.158 ng

RT: 8.50 min Scan# 1090

Delta R.T. -0.00 min

Lab File: BP000247.D

Acq: 16 Sep 2019 19:23

Instrument :

BNA_P

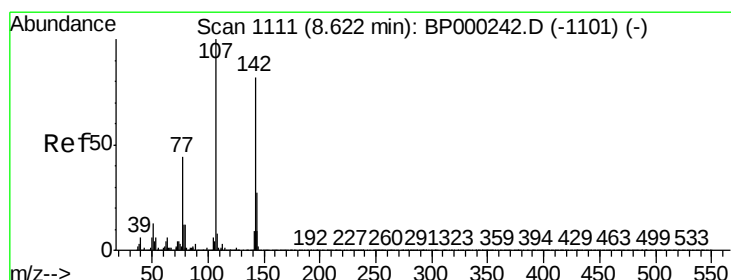
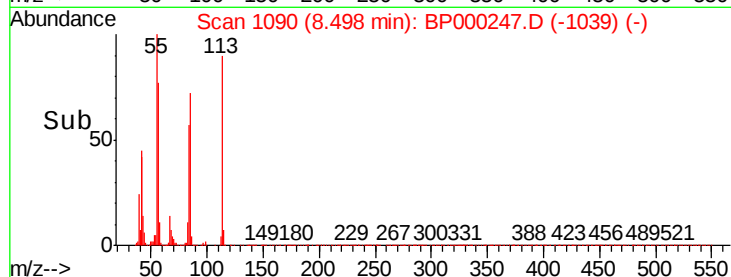
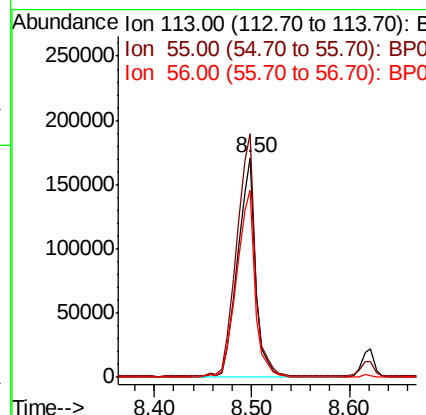
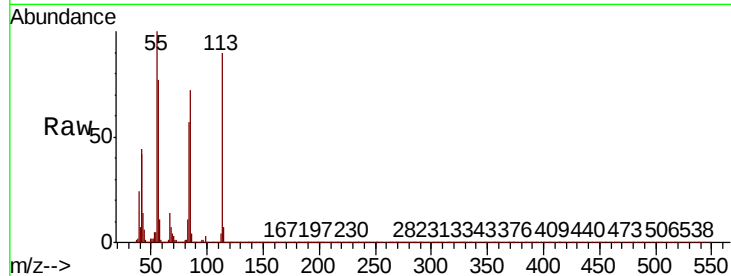
ClientSampleId :

ICVBP091619

Tot Ion:	113	Resp:	218480
Ion Ratio	Lower	Upper	
113	100		
55	111.0	96.8	136.8
56	85.5	67.5	107.5

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#36

4-Chloro-3-methylphenol

Concen: 42.209 ng

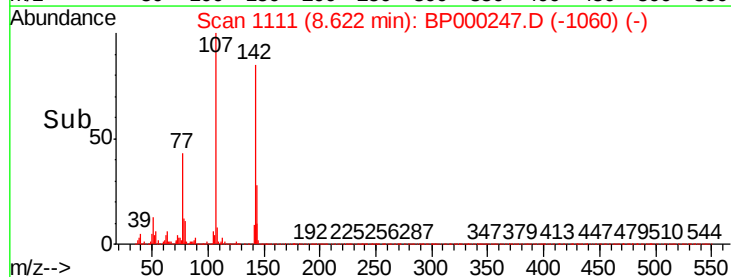
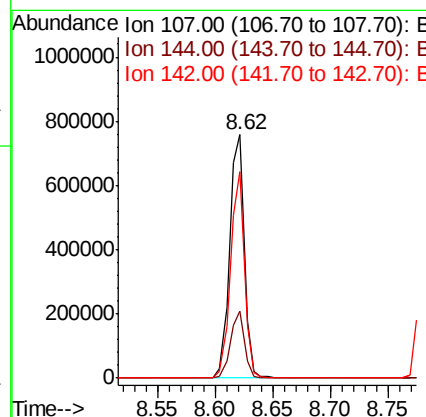
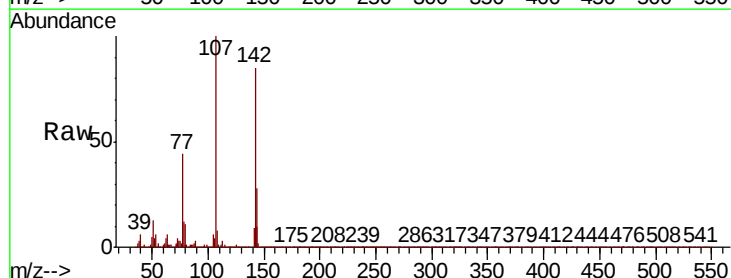
RT: 8.62 min Scan# 1111

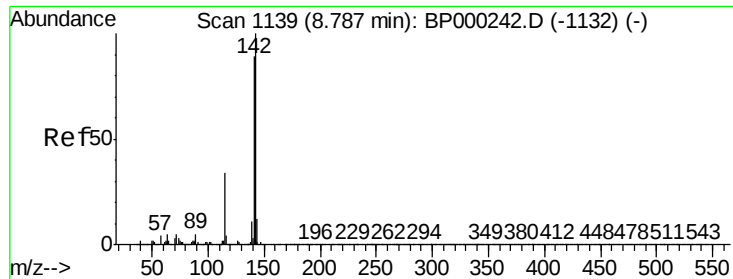
Delta R.T. -0.00 min

Lab File: BP000247.D

Acq: 16 Sep 2019 19:23

Tgt Ion:	107	Resp:	668644
Ion Ratio	Lower	Upper	
107	100		
144	27.6	21.5	32.3
142	84.6	65.7	98.5





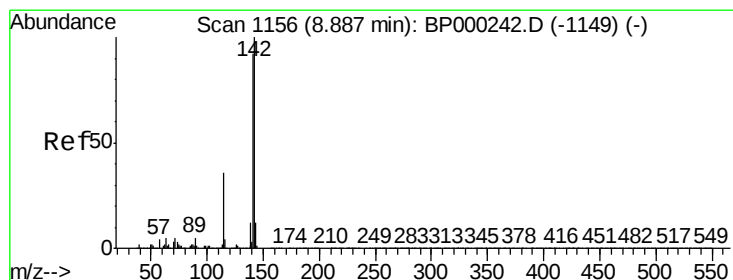
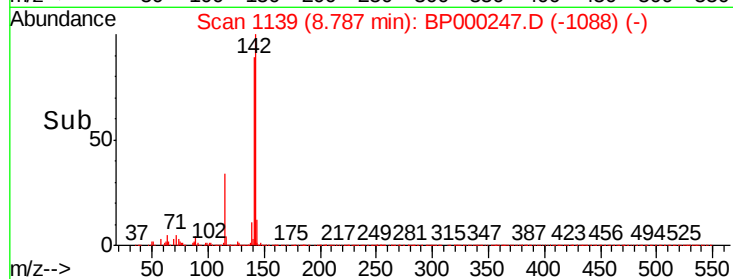
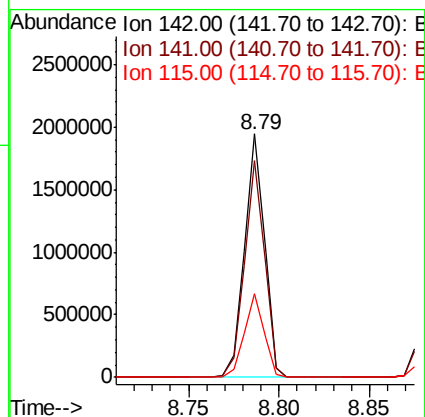
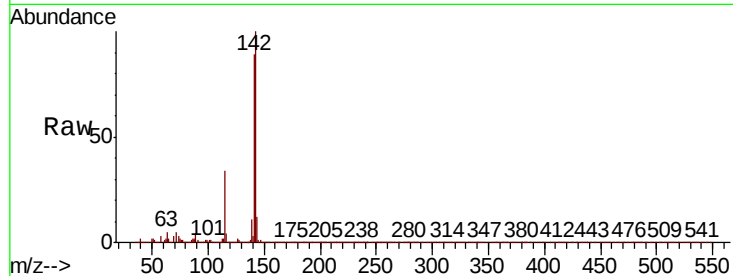
#37
2-Methylnaphthalene
Concen: 43.952 ng
RT: 8.79 min Scan# 1139
Delta R.T. -0.00 min
Lab File: BP000247.D
Acq: 16 Sep 2019 19:23

Instrument :
BNA_P
ClientSampleId :
ICVBP091619

Tot Ion	Ratio	Lower	Upper
142	100		
141	88.9	71.3	106.9
115	34.2	27.2	40.8

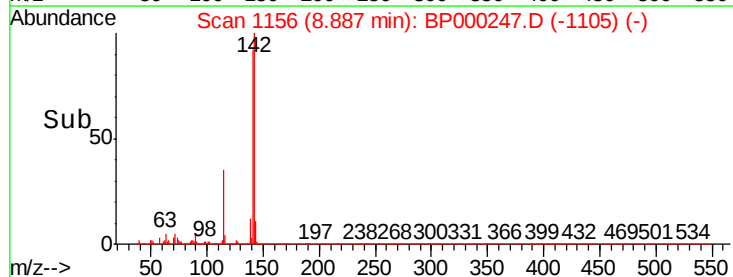
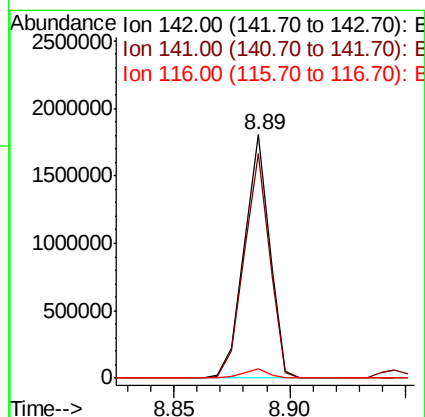
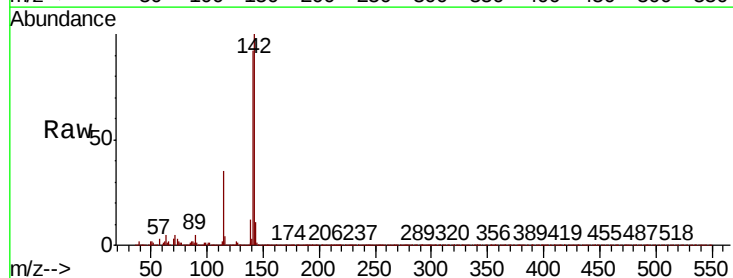
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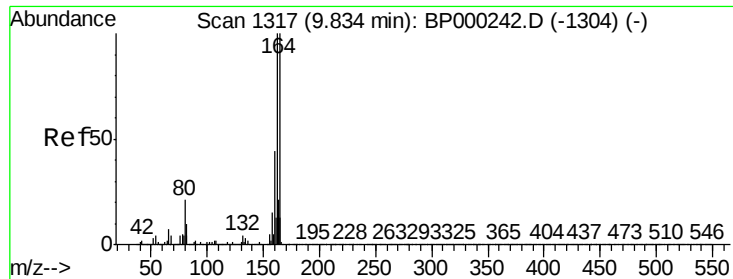
mohammad
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#38
1-Methylnaphthalene
Concen: 43.938 ng
RT: 8.89 min Scan# 1156
Delta R.T. -0.00 min
Lab File: BP000247.D
Acq: 16 Sep 2019 19:23

Tgt Ion	Ratio	Lower	Upper
142	100		
141	92.2	73.9	110.9
116	3.8	3.0	4.6





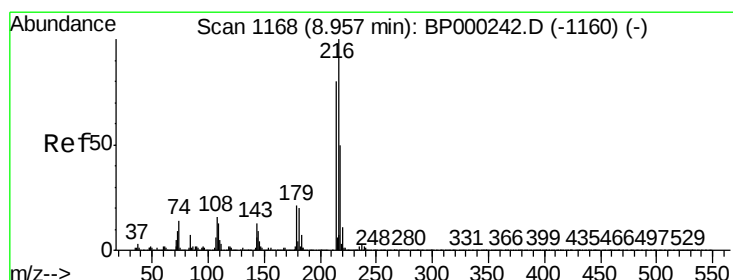
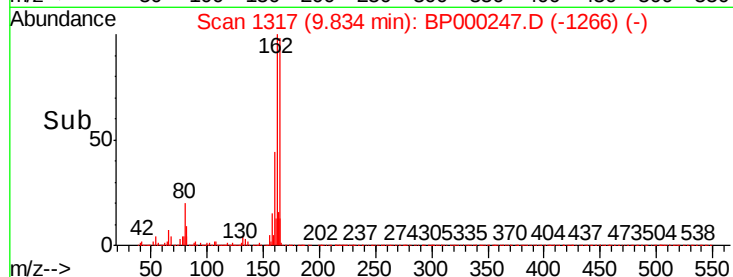
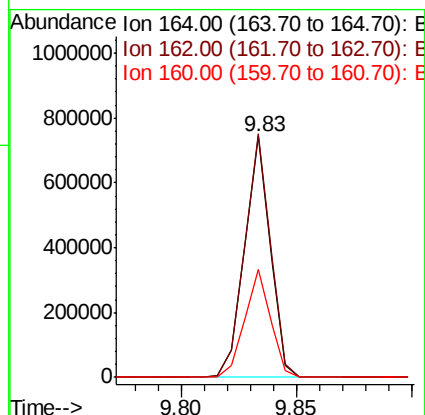
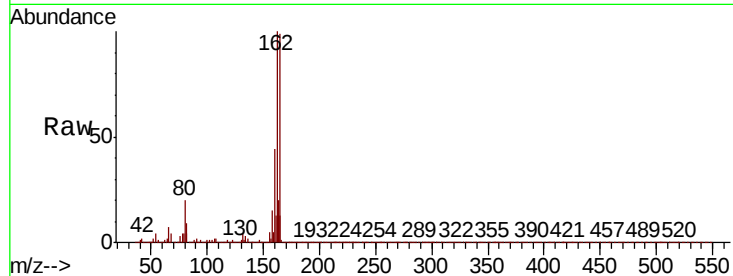
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.83 min Scan# 1317
Delta R.T. -0.00 min
Lab File: BP000247.D
Acq: 16 Sep 2019 19:23

Instrument :
BNA_P
ClientSampleId :
ICVBP091619

Tot Ion	Ratio	Resp	Lower	Upper
164	100			
162	101.2	79.9	119.9	
160	44.8	35.6	53.4	

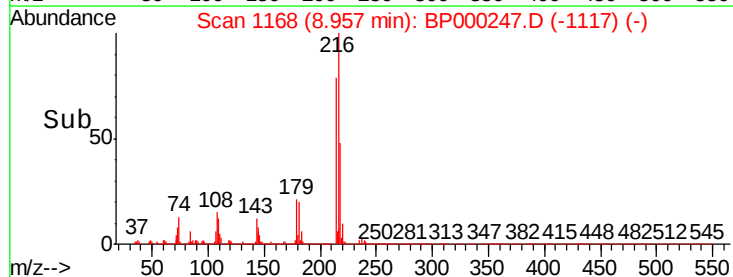
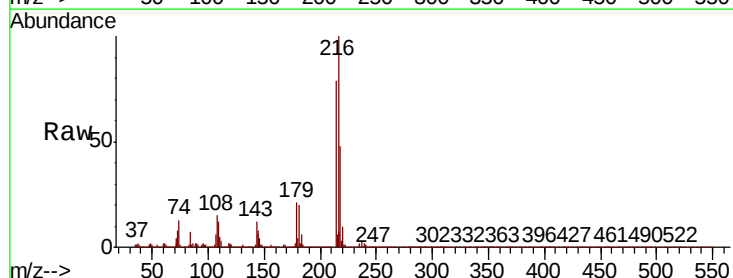
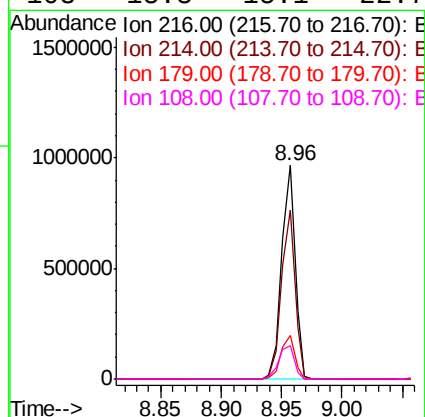
Manual Integrations
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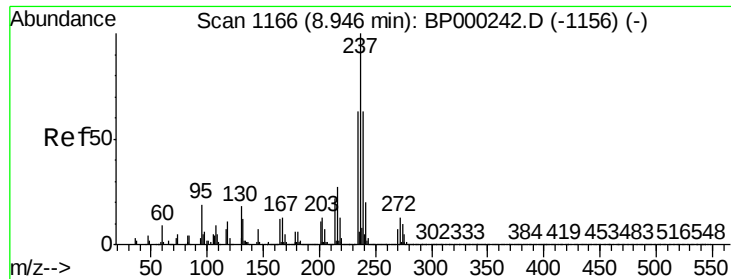
mohammad
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#40
1,2,4,5-Tetrachlorobenzene
Concen: 44.487 ng
RT: 8.96 min Scan# 1168
Delta R.T. -0.00 min
Lab File: BP000247.D
Acq: 16 Sep 2019 19:23

Tgt Ion	Ratio	Resp	Lower	Upper
216	100			
214	79.3	63.6	95.4	
179	20.9	17.0	25.4	
108	18.3	15.1	22.7	





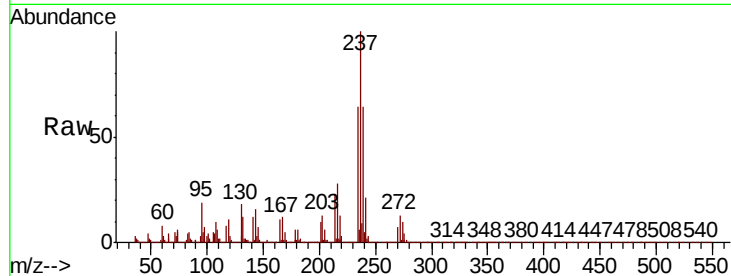
#41
Hexachlorocyclopentadiene
Concen: 42.843 ng
RT: 8.95 min Scan# 1166
Delta R.T. -0.00 min
Lab File: BP000247.D
Acq: 16 Sep 2019 19:23

Instrument :
BNA_P
ClientSampleId :
ICVBP091619

Tot Ion	Ratio	Resp	Lower	Upper
237	100			
235	63.5	43.5	83.5	
272	13.1	0.0	33.0	

Manual Integrations
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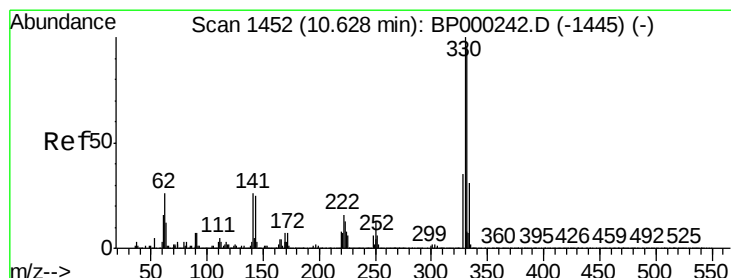
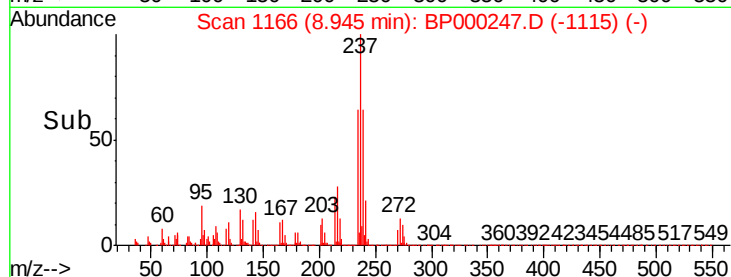
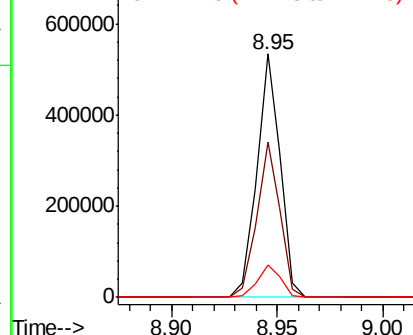


Abundance

Ion 236.80 (236.50 to 237.50): E

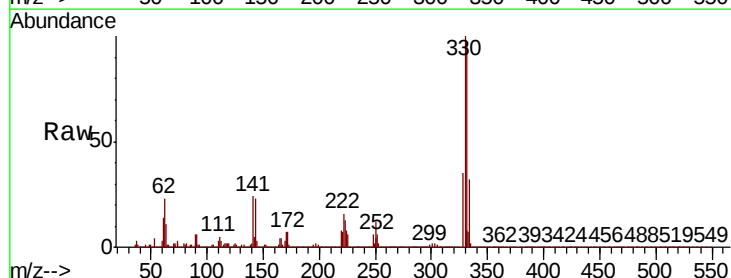
Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



#42
2,4,6-Tribromophenol
Concen: 87.098 ng
RT: 10.63 min Scan# 1452
Delta R.T. -0.00 min
Lab File: BP000247.D
Acq: 16 Sep 2019 19:23

Tgt Ion	Ratio	Resp	Lower	Upper
330	100			
332	96.1	76.6	115.0	
141	32.4	26.5	39.7	

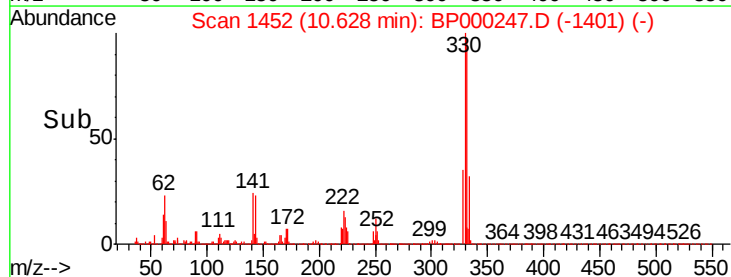
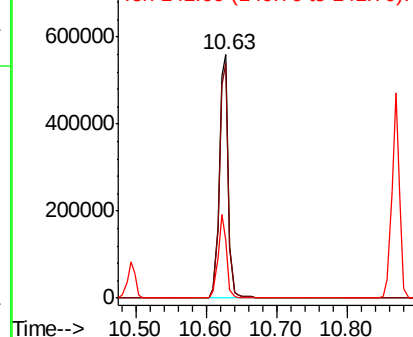


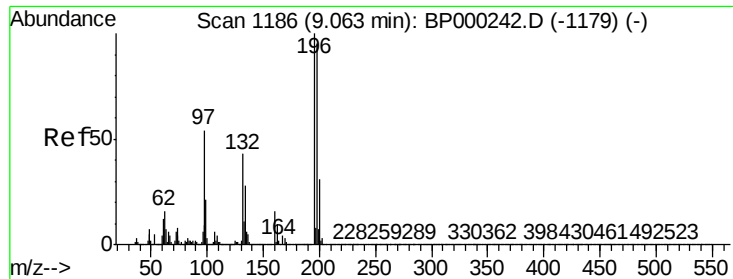
Abundance

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





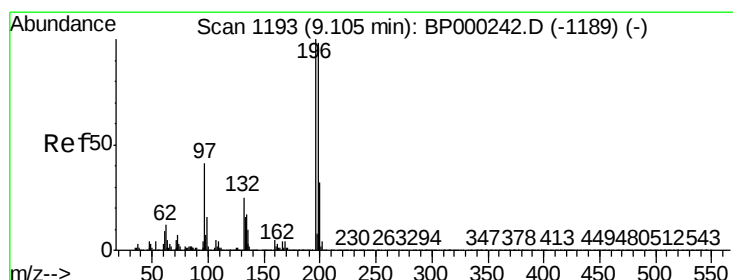
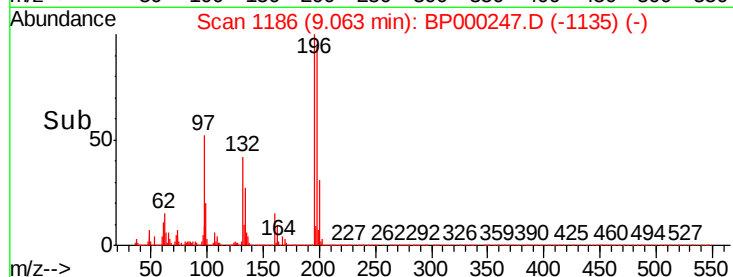
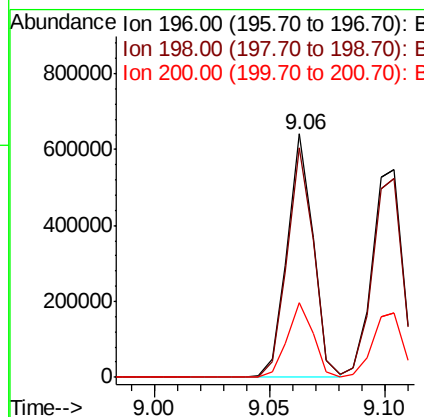
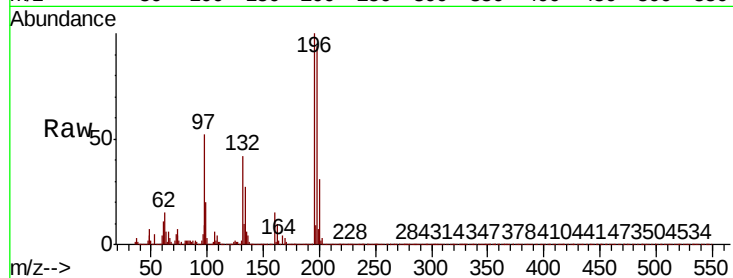
#43
2,4,6-Trichlorophenol
Concen: 43.299 ng
RT: 9.06 min Scan# 1186
Delta R.T. -0.00 min
Lab File: BP000247.D
Acq: 16 Sep 2019 19:23

Instrument :
BNA_P
ClientSampleId :
ICVBP091619

Tot Ion	Ratio	Resp	Lower	Upper
196	100	497555		
198	94.4	76.0	114.0	
200	30.7	24.6	37.0	

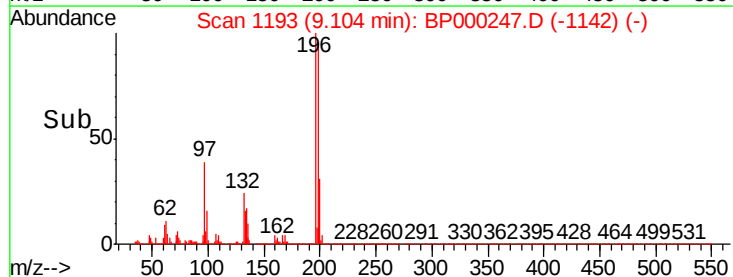
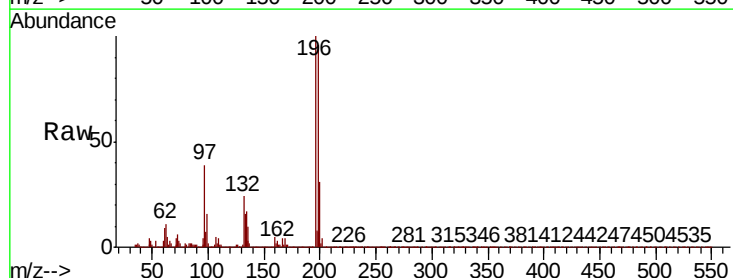
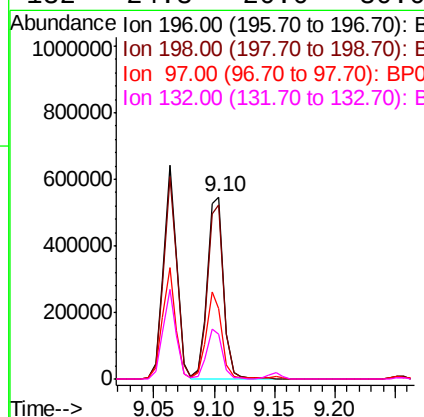
Manual Integrations
APPROVED

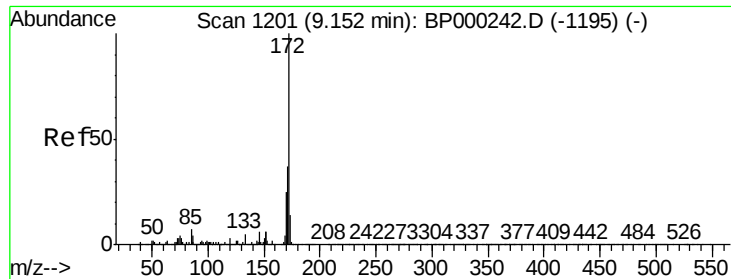
mohammad
9/17/2019 1:27:30 PM



#44
2,4,5-Trichlorophenol
Concen: 43.472 ng
RT: 9.10 min Scan# 1193
Delta R.T. -0.00 min
Lab File: BP000247.D
Acq: 16 Sep 2019 19:23

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	511510		
198	95.8	78.1	117.1	
97	38.8	33.3	49.9	
132	24.3	20.0	30.0	





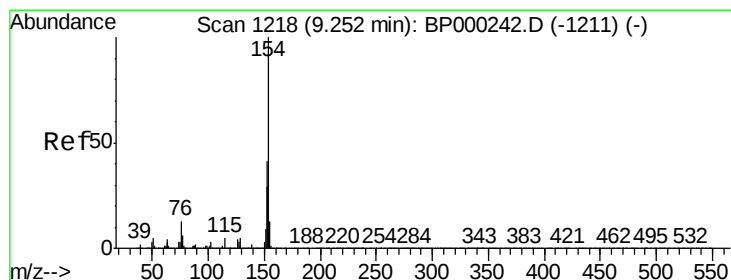
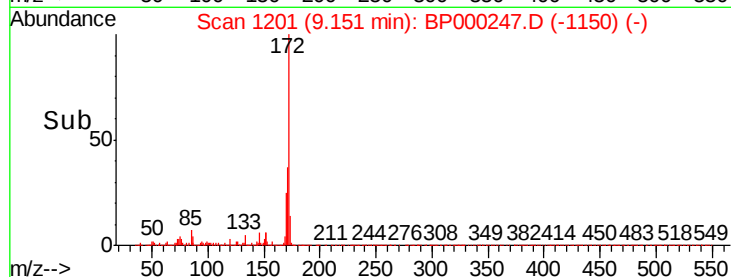
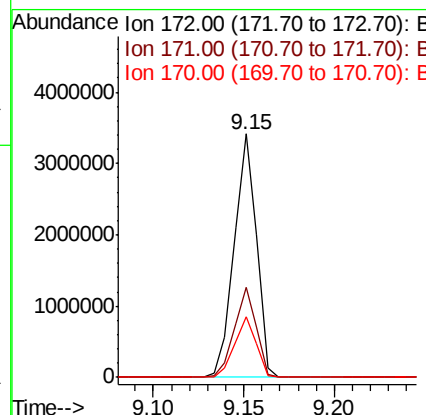
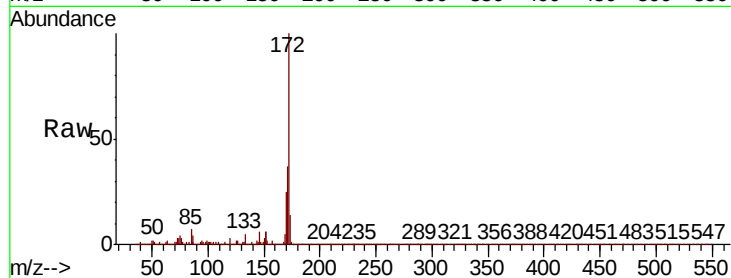
#45
2-Fluorobiphenyl
Concen: 90.499 ng
RT: 9.15 min Scan# 1201
Delta R.T. -0.00 min
Lab File: BP000247.D
Acq: 16 Sep 2019 19:23

Instrument :
BNA_P
ClientSampleId :
ICVBP091619

Tot Ion	Ratio	Lower	Upper
172	100		
171	36.9	29.8	44.6
170	24.9	19.8	29.6

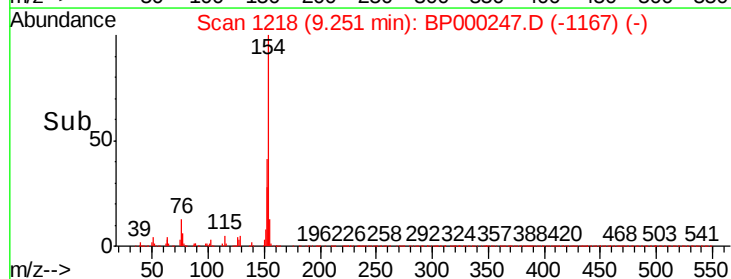
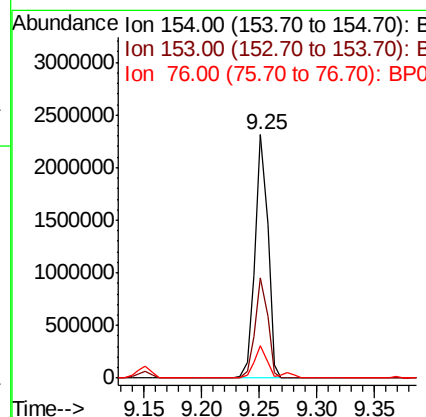
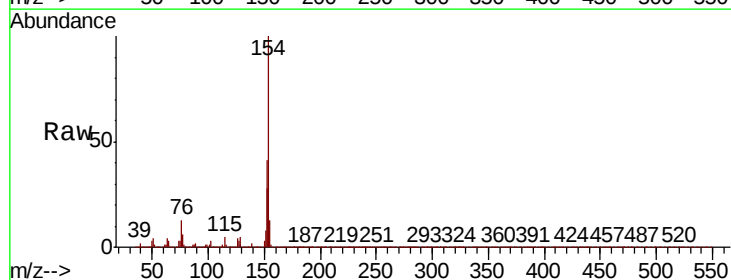
Manual Integrations
APPROVED

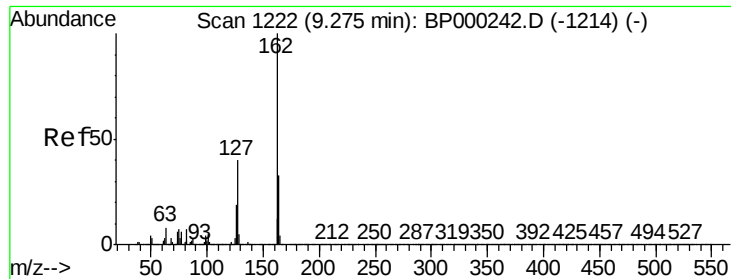
mohammad
9/17/2019 1:27:30 PM



#46
1,1'-Biphenyl
Concen: 44.353 ng
RT: 9.25 min Scan# 1218
Delta R.T. -0.00 min
Lab File: BP000247.D
Acq: 16 Sep 2019 19:23

Tgt Ion	Ratio	Lower	Upper
154	100		
153	41.1	21.4	61.4
76	13.1	0.0	33.4





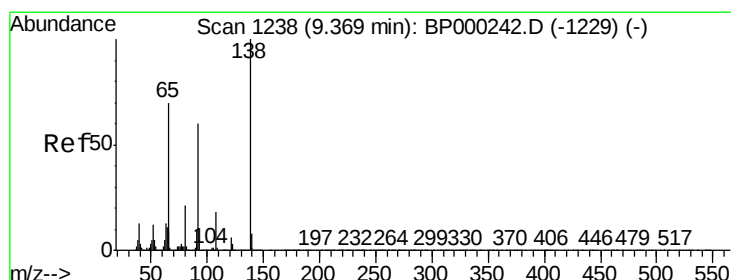
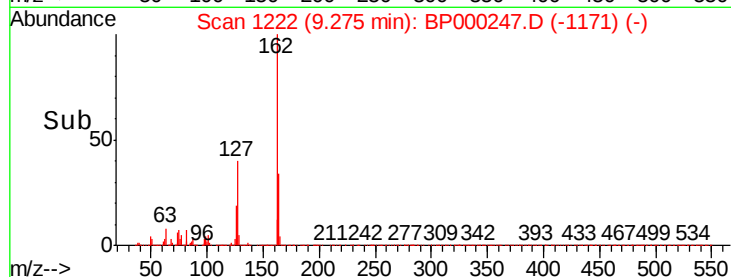
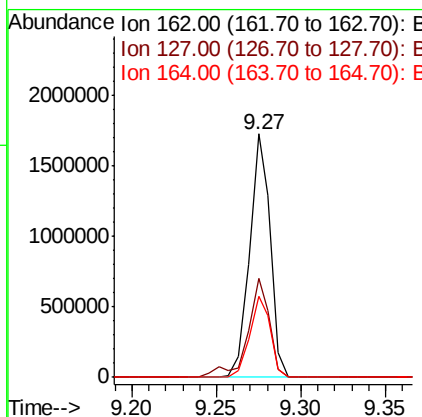
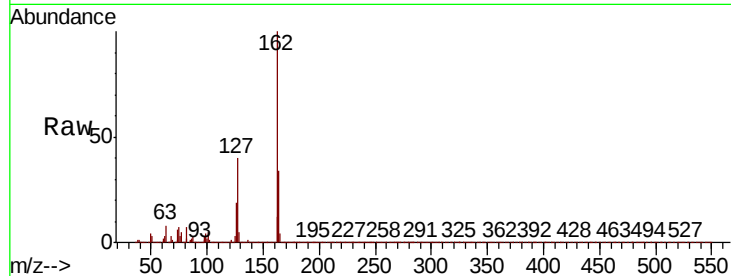
#47
2-Chloronaphthalene
Concen: 43.652 ng
RT: 9.27 min Scan# 1222
Delta R.T. -0.00 min
Lab File: BP000247.D
Acq: 16 Sep 2019 19:23

Instrument :
BNA_P
ClientSampleId :
ICVBP091619

Tot Ion	Ratio	Lower	Upper
162	100		
127	40.5	32.4	48.6
164	33.5	26.3	39.5

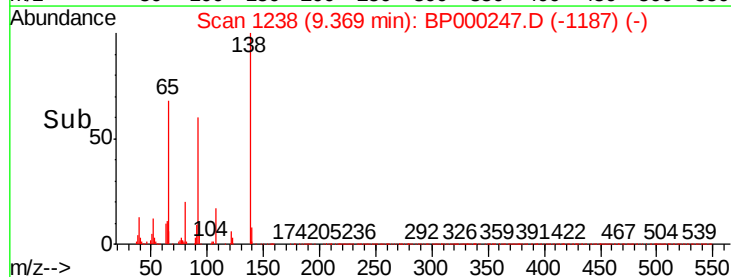
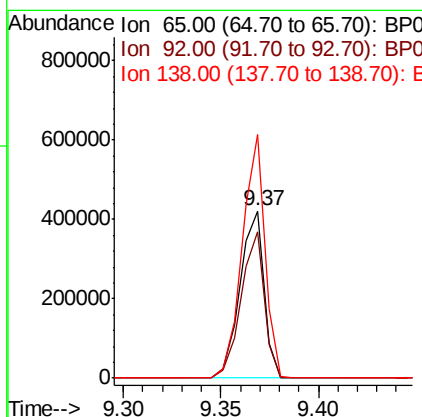
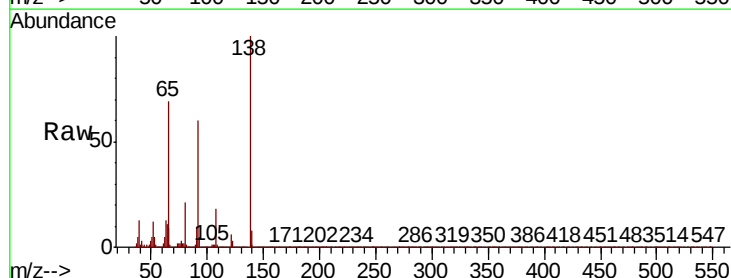
Manual Integrations
APPROVED

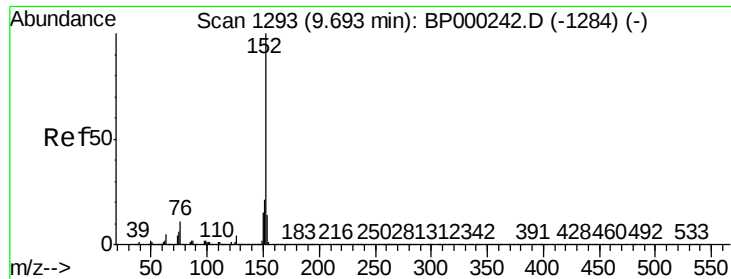
mohammad
9/17/2019 1:27:30 PM



#48
2-Nitroaniline
Concen: 42.095 ng
RT: 9.37 min Scan# 1238
Delta R.T. -0.00 min
Lab File: BP000247.D
Acq: 16 Sep 2019 19:23

Tgt Ion	Ratio	Lower	Upper
65	100		
92	87.1	68.7	103.1
138	145.4	114.4	171.6





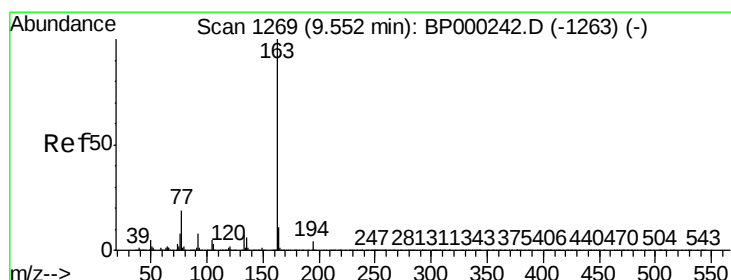
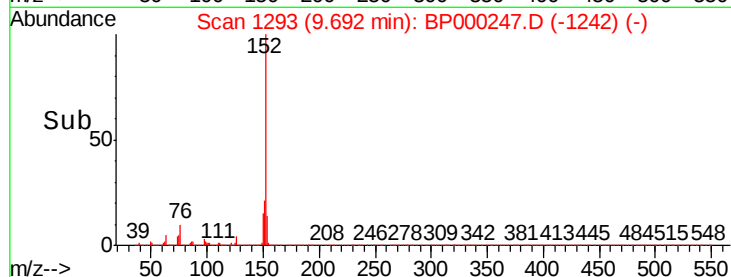
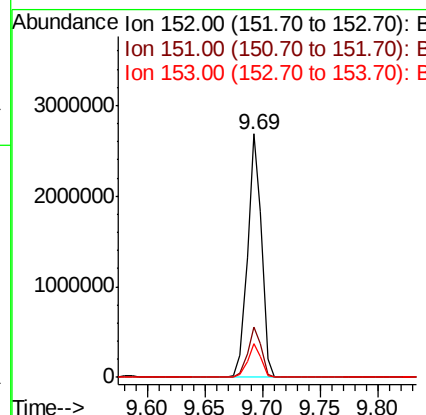
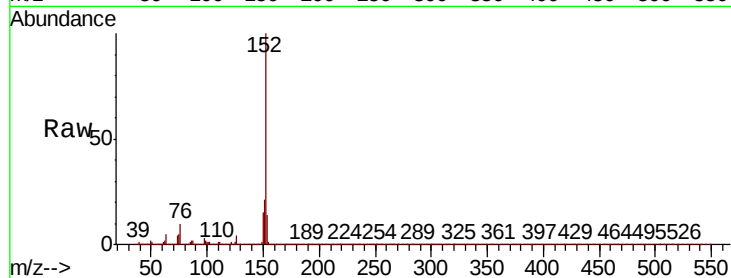
#49
Acenaphthylene
Concen: 43.938 ng
RT: 9.69 min Scan# 1293
Delta R.T. -0.00 min
Lab File: BP000247.D
Acq: 16 Sep 2019 19:23

Instrument :
BNA_P
ClientSampleId :
ICVBP091619

Tot Ion	Ratio	Lower	Upper
152	100		
151	20.7	16.4	24.6
153	13.6	11.0	16.4

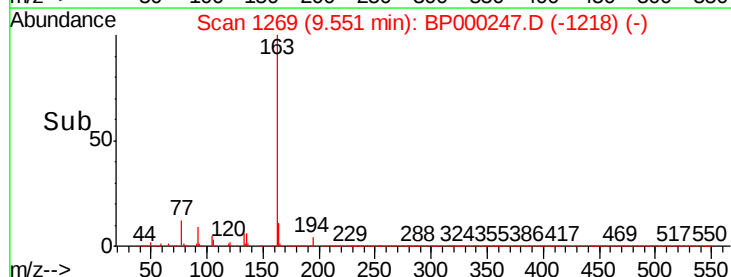
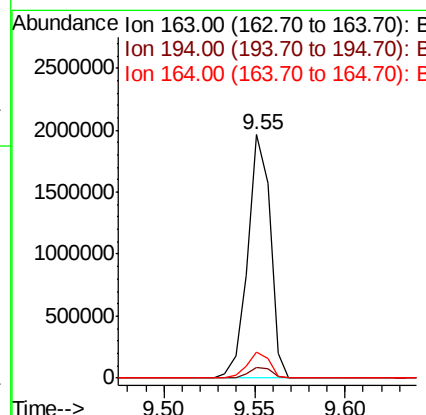
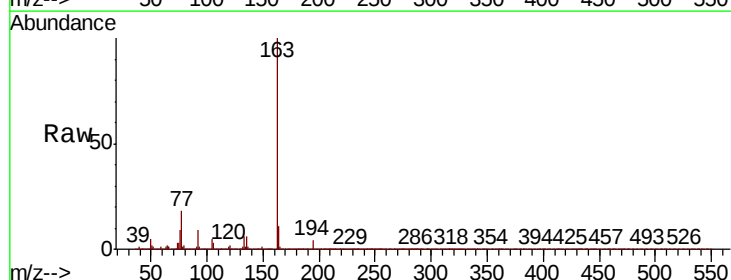
Manual Integrations
APPROVED

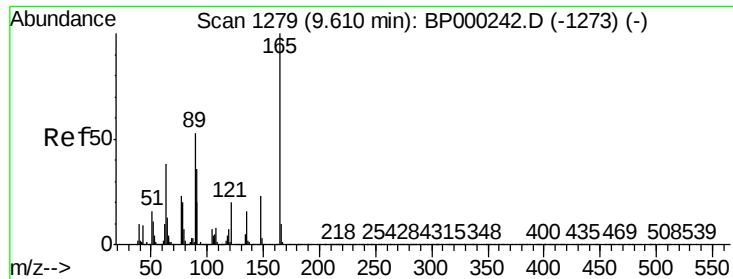
mohammad
9/17/2019 1:27:30 PM



#50
Dimethylphthalate
Concen: 42.649 ng
RT: 9.55 min Scan# 1269
Delta R.T. -0.00 min
Lab File: BP000247.D
Acq: 16 Sep 2019 19:23

Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.3	3.4	5.0
164	10.6	8.5	12.7





#51

2,6-Dinitrotoluene

Concen: 42.833 ng

RT: 9.61 min Scan# 1279

Delta R.T. -0.00 min

Lab File: BP000247.D

Acq: 16 Sep 2019 19:23

Instrument :

BNA_P

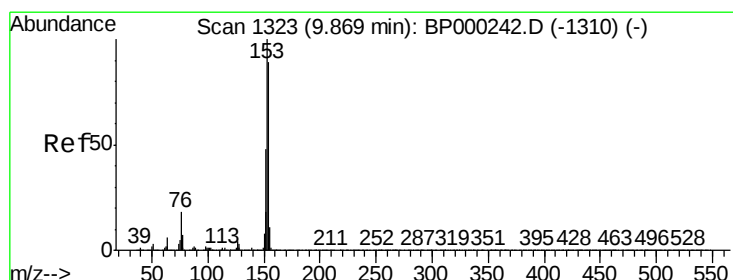
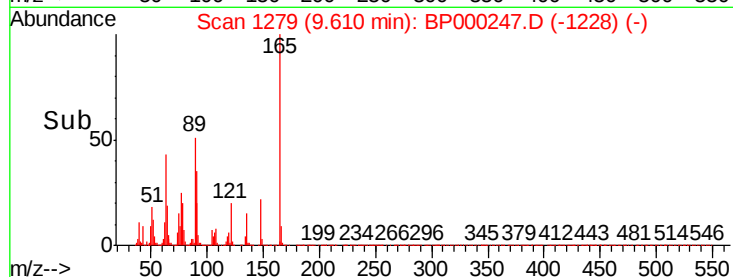
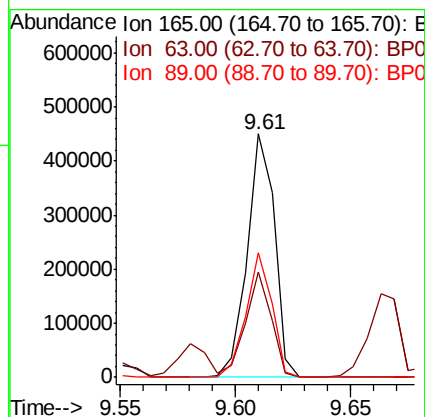
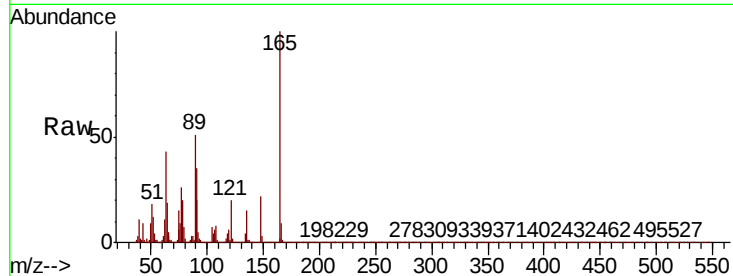
ClientSampleId :

ICVBP091619

Tot Ion:	165	Resp:	372686
Ion Ratio	Lower	Upper	
165	100		
63	43.1	35.8	53.8
89	50.9	42.6	63.8

Manual Integrations
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mohammad
9/17/2019 1:27:30 PM



#52

Acenaphthene

Concen: 43.823 ng

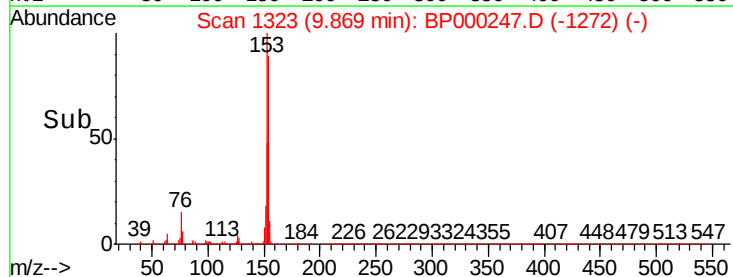
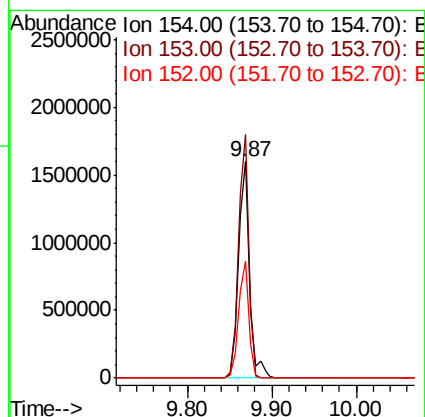
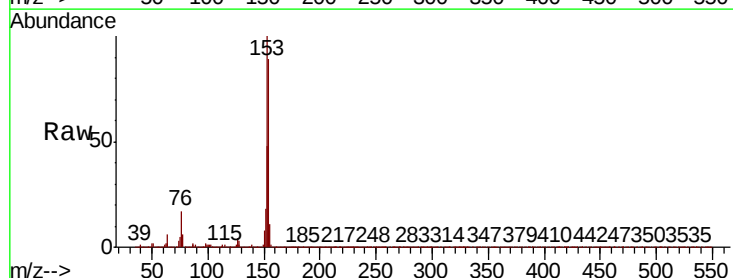
RT: 9.87 min Scan# 1323

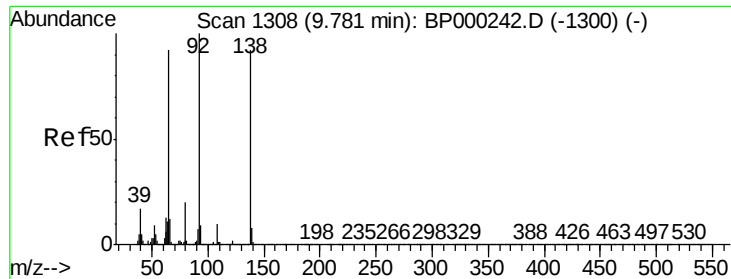
Delta R.T. -0.00 min

Lab File: BP000247.D

Acq: 16 Sep 2019 19:23

Tgt Ion:	154	Resp:	1401127
Ion Ratio	Lower	Upper	
154	100		
153	112.4	89.8	134.6
152	53.7	43.4	65.0





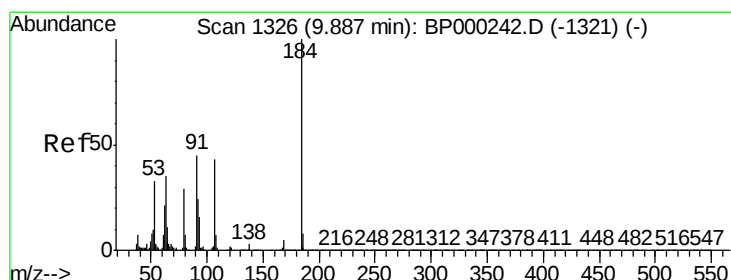
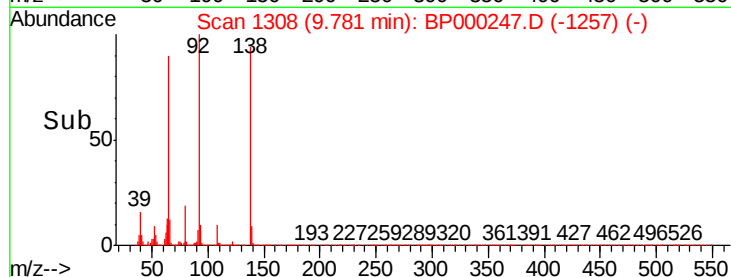
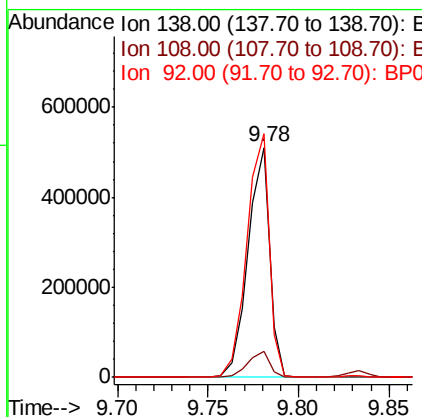
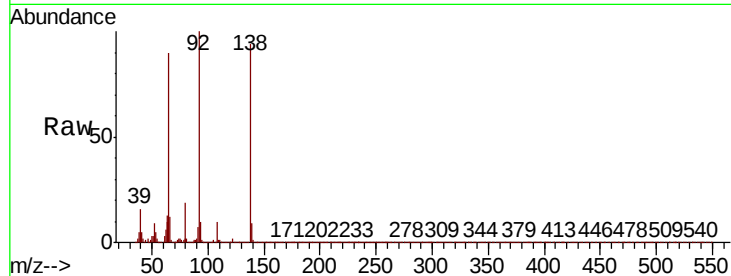
#53
3-Nitroaniline
Concen: 41.941 ng
RT: 9.78 min Scan# 1308
Delta R.T. -0.00 min
Lab File: BP000247.D
Acq: 16 Sep 2019 19:23

Instrument :
BNA_P
ClientSampleId :
ICVBP091619

Tot Ion	Ratio	Lower	Upper
138	100		
108	11.1	9.1	13.7
92	106.0	86.7	130.1

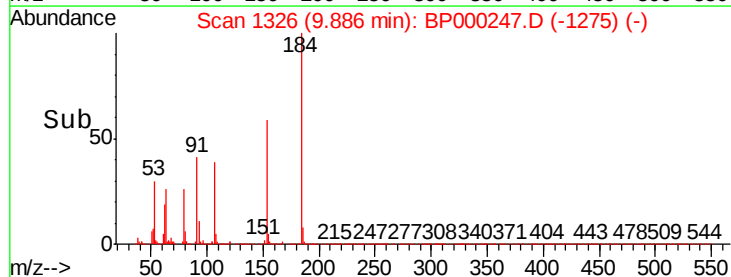
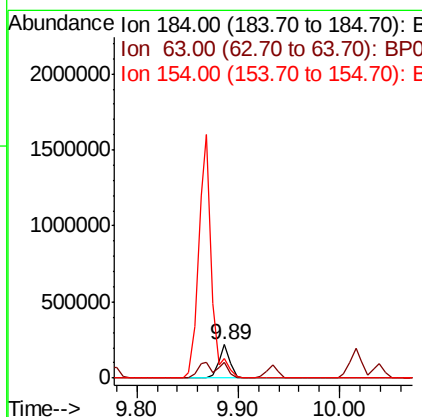
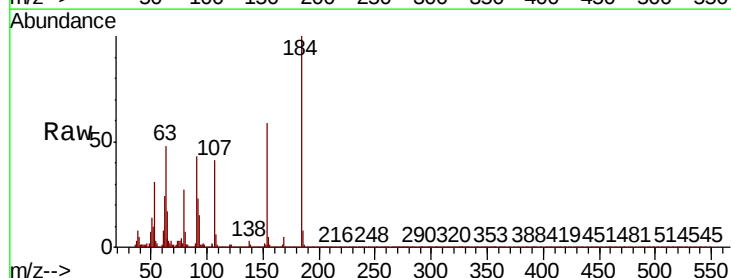
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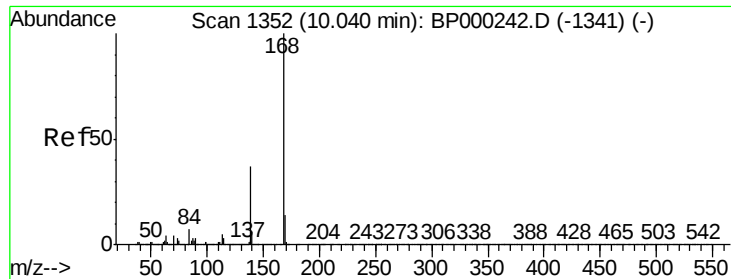
mohammad
9/17/2019 1:27:30 PM



#54
2,4-Dinitrophenol
Concen: 44.038 ng
RT: 9.89 min Scan# 1326
Delta R.T. -0.00 min
Lab File: BP000247.D
Acq: 16 Sep 2019 19:23

Tgt Ion	Ratio	Lower	Upper
184	100		
63	47.7	39.5	59.3
154	59.0	48.8	73.2





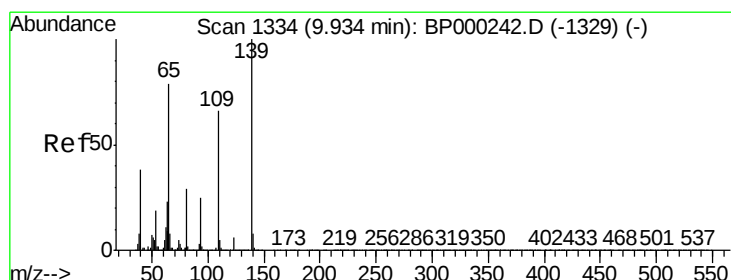
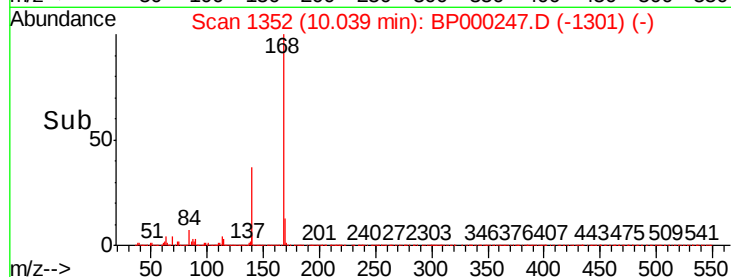
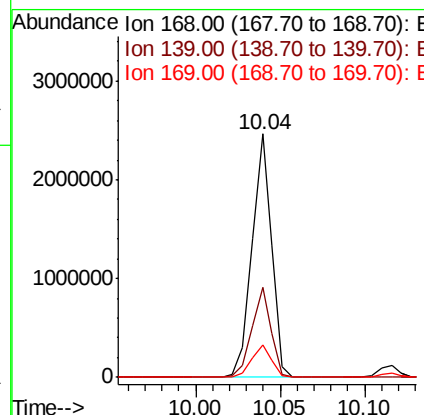
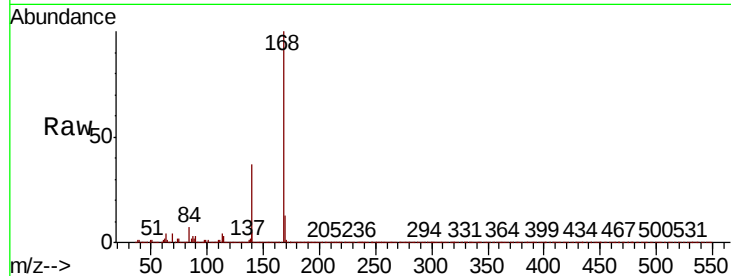
#55
Dibenzofuran
Concen: 44.056 ng
RT: 10.04 min Scan# 1352
Delta R.T. -0.00 min
Lab File: BP000247.D
Acq: 16 Sep 2019 19:23

Instrument :
BNA_P
ClientSampleId :
ICVBP091619

Tot Ion	Ratio	Lower	Upper
168	100		
139	37.2	30.0	45.0
169	13.4	11.0	16.6

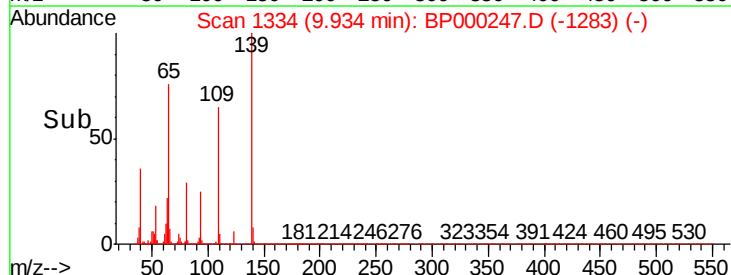
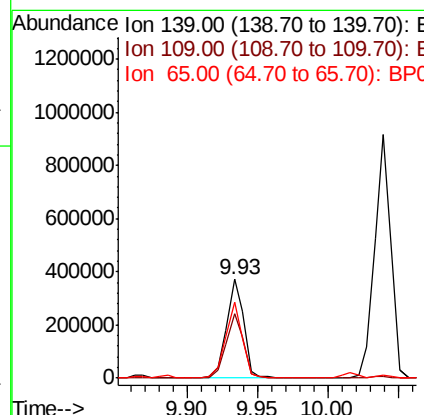
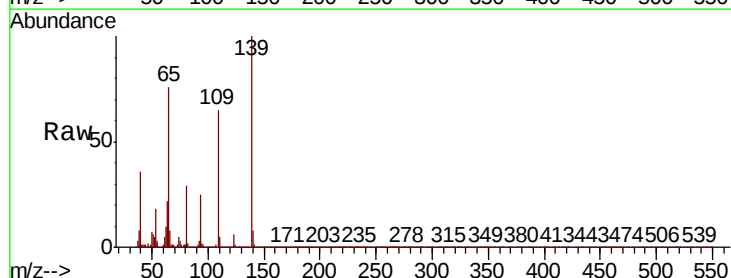
Manual Integrations
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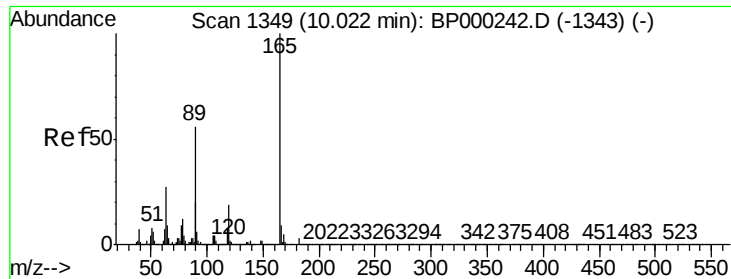
mohammad
9/17/2019 1:27:30 PM



#56
4-Nitrophenol
Concen: 42.124 ng
RT: 9.93 min Scan# 1334
Delta R.T. -0.00 min
Lab File: BP000247.D
Acq: 16 Sep 2019 19:23

Tgt Ion	Ratio	Lower	Upper
139	100		
109	65.4	46.2	86.2
65	76.5	59.4	99.4





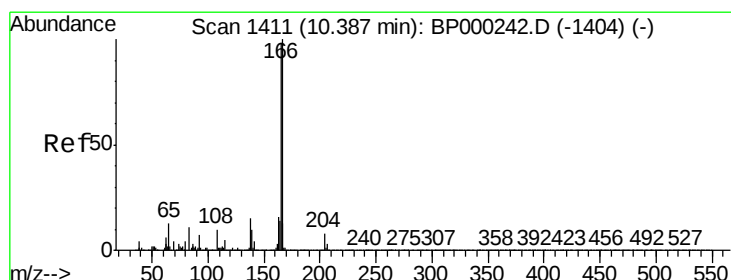
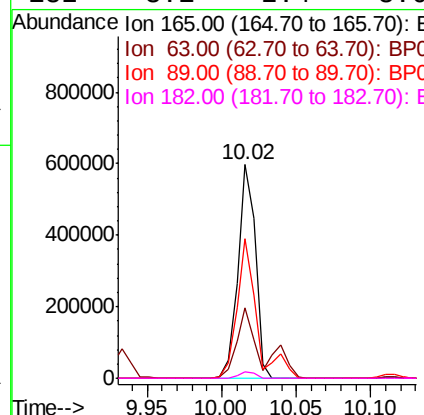
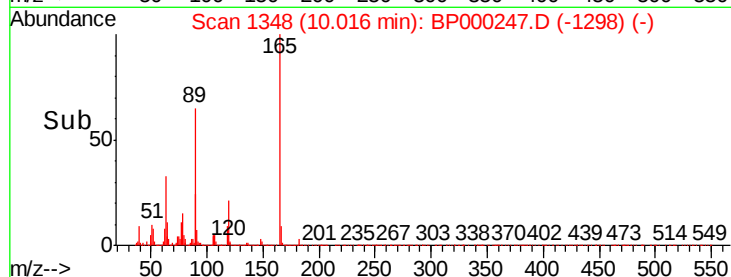
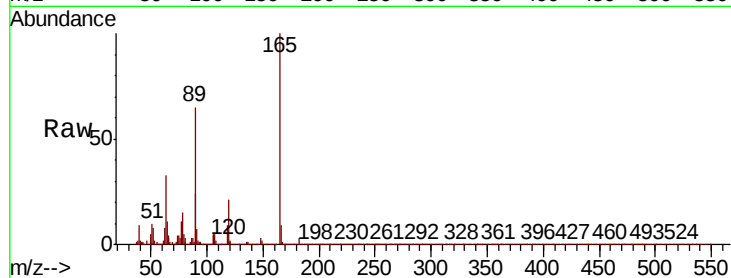
#57
2,4-Dinitrotoluene
Concen: 43.601 ng
RT: 10.02 min Scan# 1348
Delta R.T. -0.01 min
Lab File: BP000247.D
Acq: 16 Sep 2019 19:23

Instrument :
BNA_P
ClientSampleId :
ICVBP091619

Tot Ion	Ratio	Resp	Lower	Upper
165	100			
63	33.1	21.7	32.5	
89	65.2	45.0	67.6	
182	3.1	2.4	3.6	

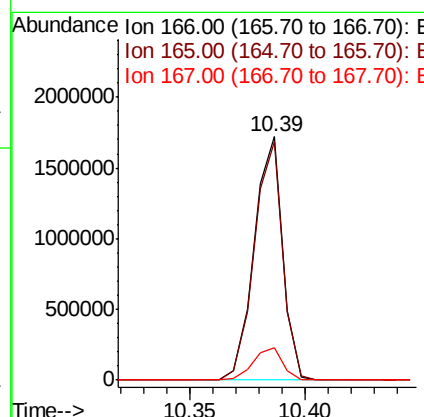
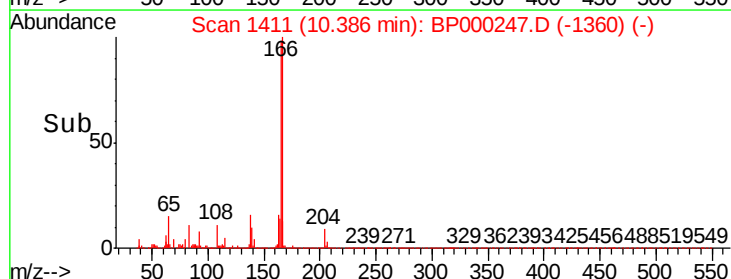
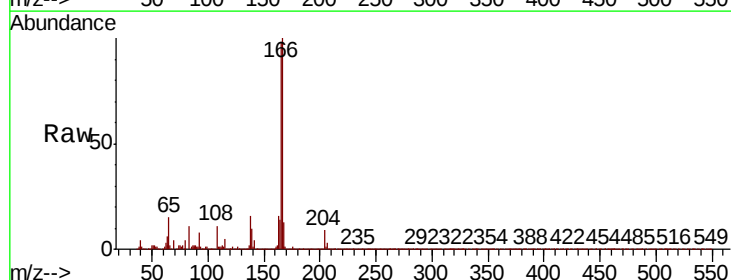
Manual Integrations
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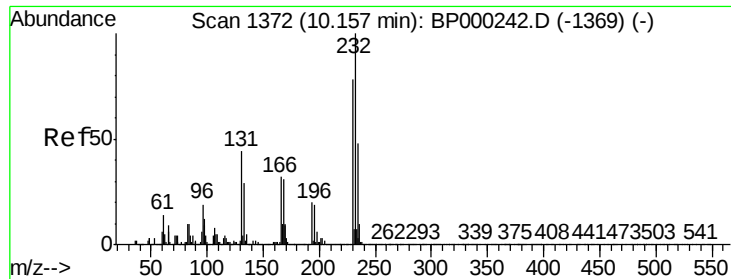
mohammad
9/17/2019 1:27:30 PM



#58
Fluorene
Concen: 42.513 ng
RT: 10.39 min Scan# 1411
Delta R.T. -0.00 min
Lab File: BP000247.D
Acq: 16 Sep 2019 19:23

Tgt Ion	Ratio	Resp	Lower	Upper
166	100			
165	98.0	78.2	117.2	
167	13.3	10.7	16.1	





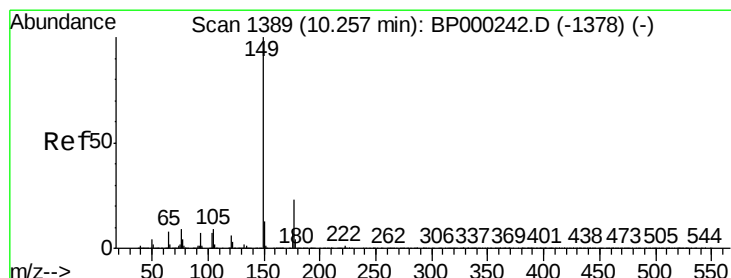
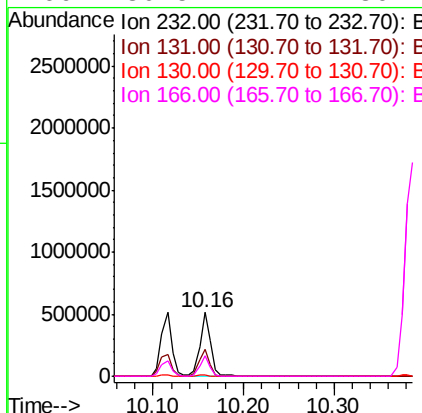
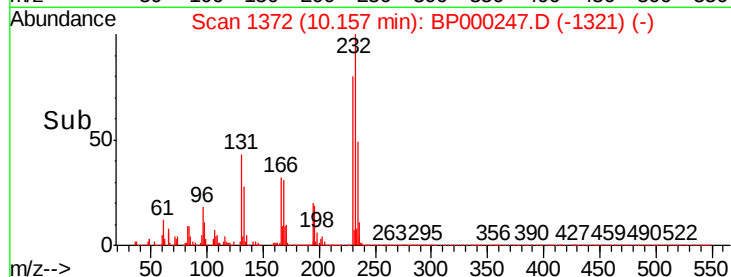
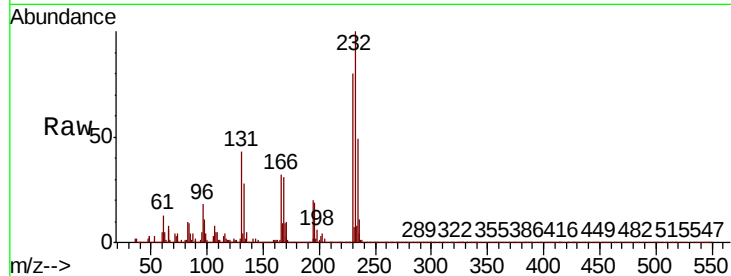
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 43.315 ng
 RT: 10.16 min Scan# 1372
 Delta R.T. -0.00 min
 Lab File: BP000247.D
 Acq: 16 Sep 2019 19:23

Instrument :
 BNA_P
 ClientSampleId :
 ICVBP091619

Tot Ion	Ratio	Lower	Upper
232	100		
131	42.1	33.6	50.4
130	2.2	1.8	2.6
166	30.5	24.2	36.2

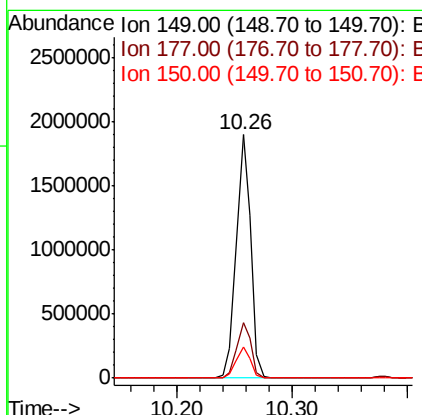
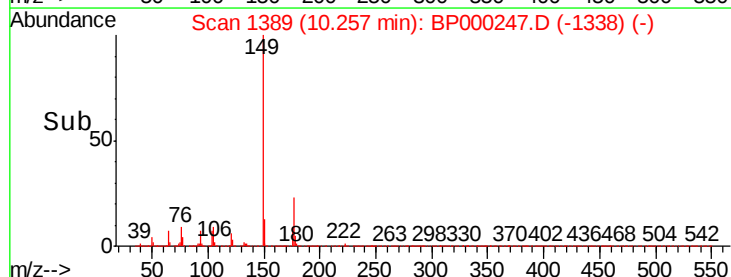
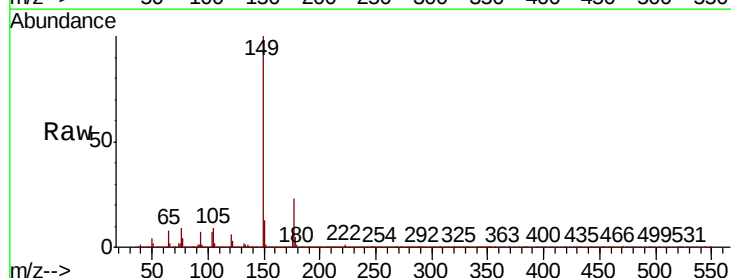
Manual Integrations
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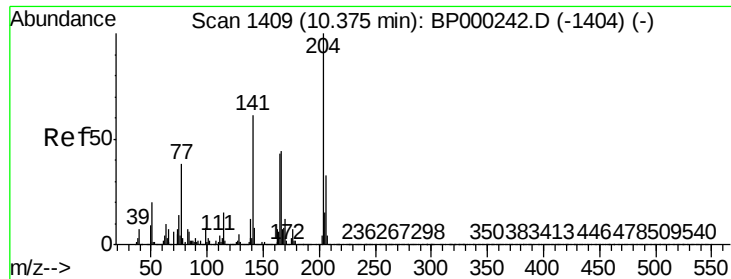
mohammad
 9/17/2019 1:27:30 PM



#60
 Diethylphthalate
 Concen: 42.820 ng
 RT: 10.26 min Scan# 1389
 Delta R.T. -0.00 min
 Lab File: BP000247.D
 Acq: 16 Sep 2019 19:23

Tgt Ion	Ratio	Lower	Upper
149	100		
177	22.8	18.1	27.1
150	12.7	10.3	15.5





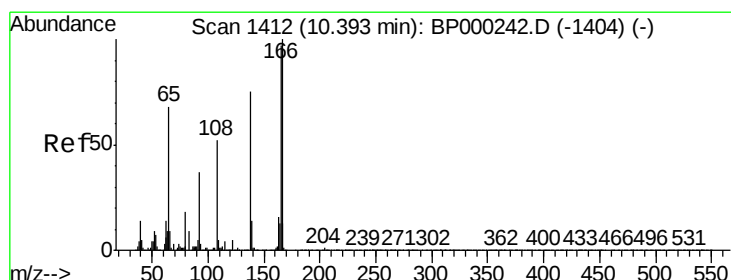
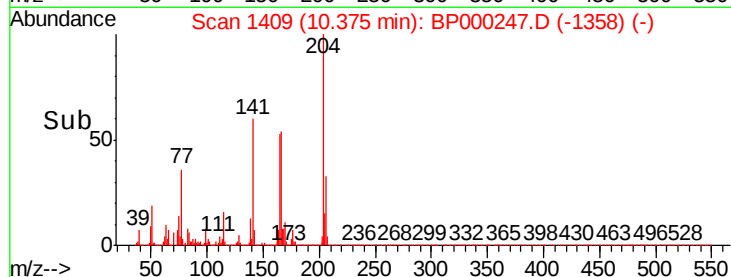
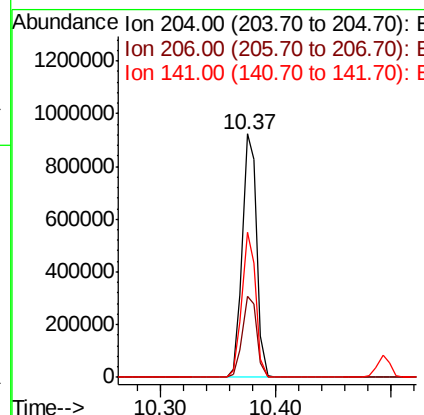
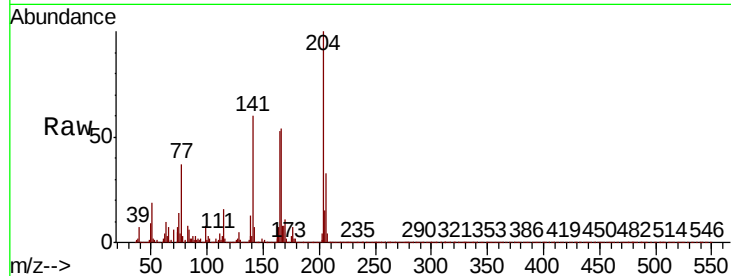
#61
4-Chlorophenyl-phenylether
Concen: 44.547 ng
RT: 10.37 min Scan# 1409
Delta R.T. -0.00 min
Lab File: BP000247.D
Acq: 16 Sep 2019 19:23

Instrument :
BNA_P
ClientSampleId :
ICVBP091619

Tot Ion	Ratio	Lower	Upper
204	100		
206	33.1	26.3	39.5
141	59.8	48.6	72.8

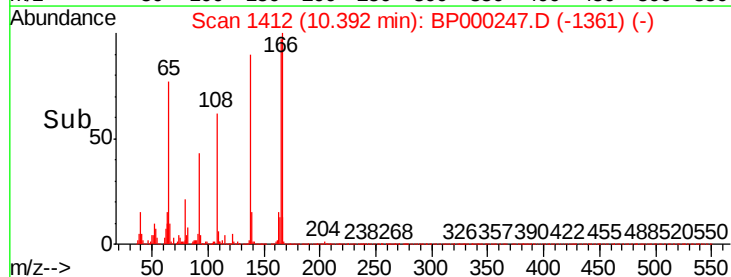
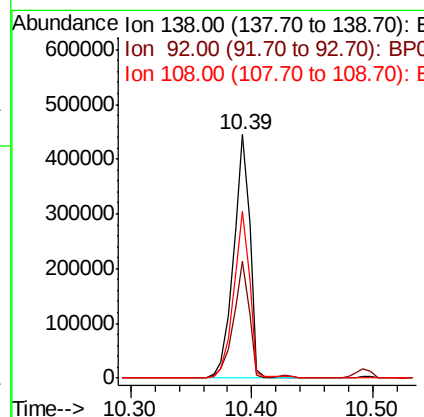
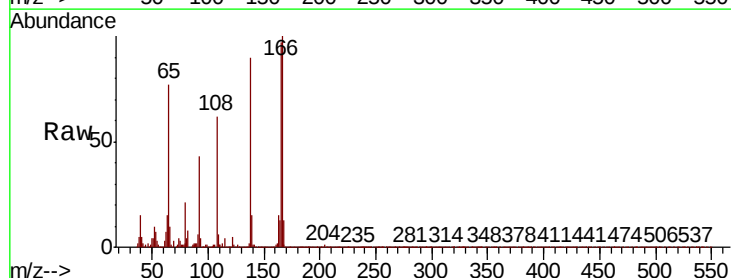
Manual Integrations
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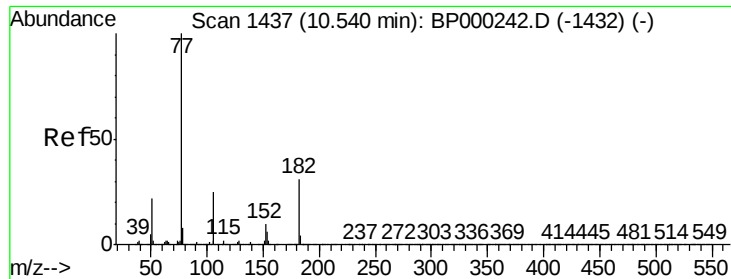
mohammad
9/17/2019 1:27:30 PM



#62
4-Nitroaniline
Concen: 41.802 ng
RT: 10.39 min Scan# 1412
Delta R.T. -0.00 min
Lab File: BP000247.D
Acq: 16 Sep 2019 19:23

Tgt Ion	Ratio	Lower	Upper
138	100		
92	47.9	30.1	70.1
108	68.7	49.5	89.5





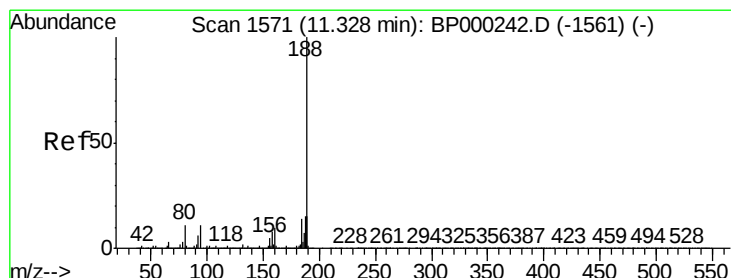
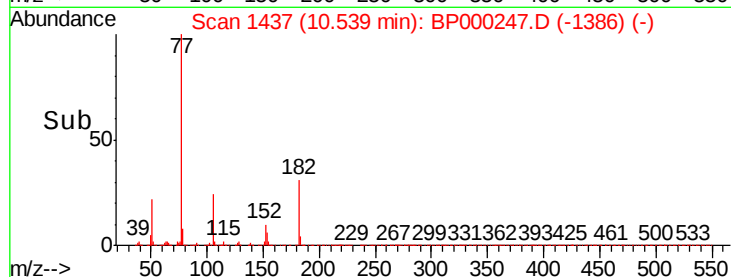
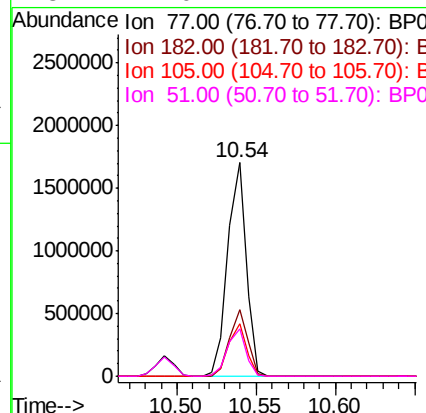
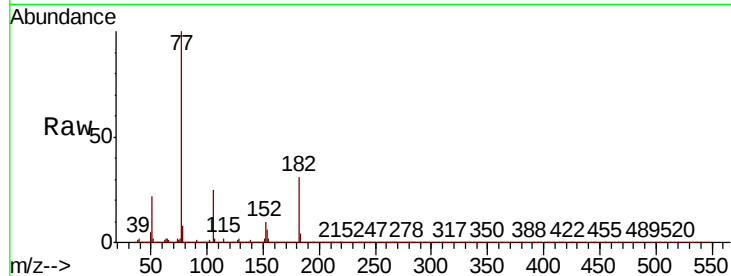
#63
Azobenzene
Concen: 42.722 ng
RT: 10.54 min Scan# 1437
Delta R.T. -0.00 min
Lab File: BP000247.D
Acq: 16 Sep 2019 19:23

Instrument :
BNA_P
ClientSampleId :
ICVBP091619

Tot Ion	Ion	Ratio	Lower	Upper
77	100			
182	31.1	11.1	51.1	
105	24.6	4.7	44.7	
51	22.0	2.2	42.2	

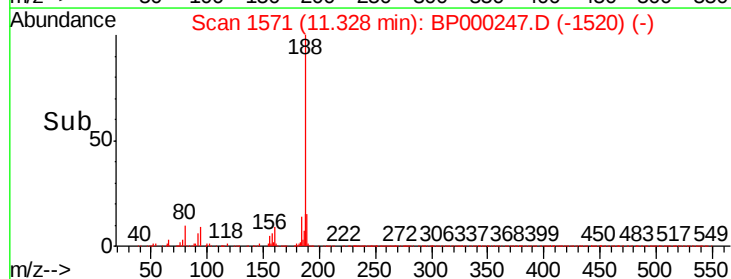
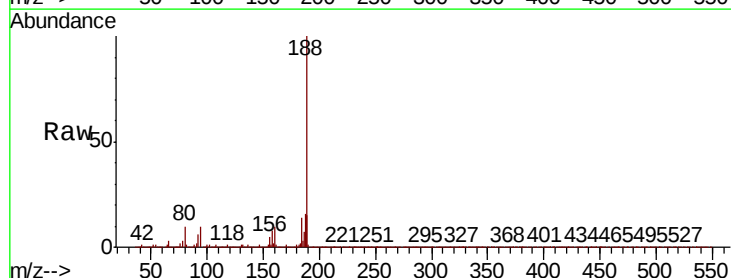
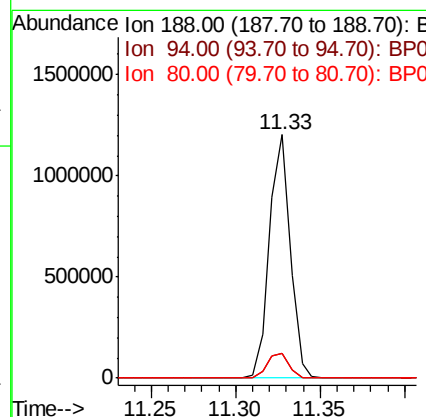
Manual Integrations
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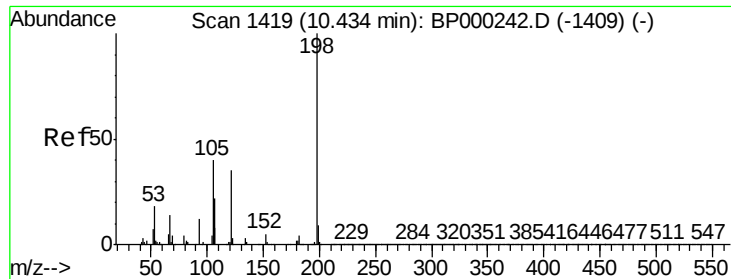
mohammad
9/17/2019 1:27:30 PM



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.33 min Scan# 1571
Delta R.T. -0.00 min
Lab File: BP000247.D
Acq: 16 Sep 2019 19:23

Tgt Ion	Ion	Ratio	Lower	Upper
188	100			
94	10.2	8.5	12.7	
80	10.1	8.6	13.0	





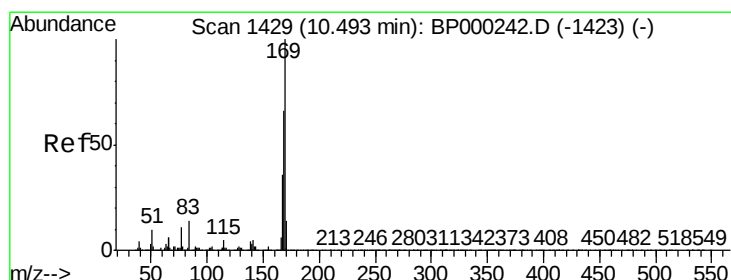
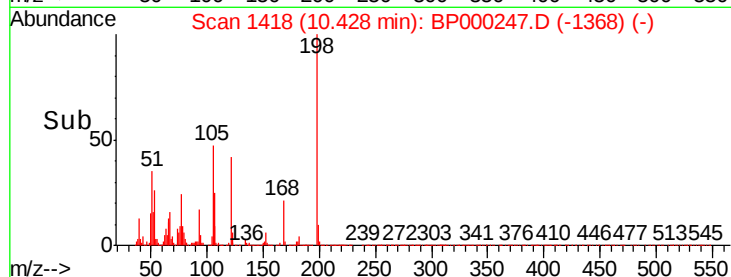
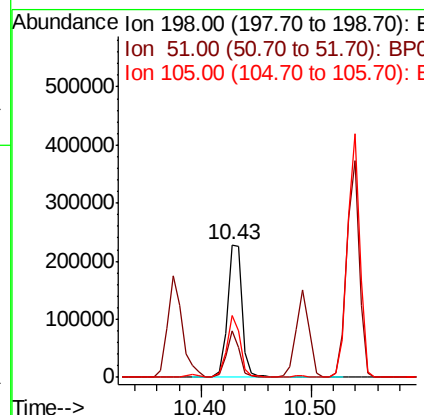
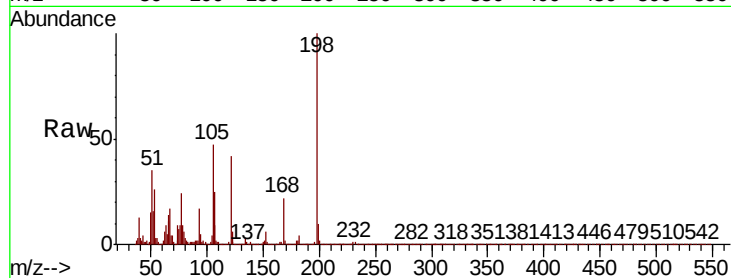
#65
4,6-Dinitro-2-methylphenol
Concen: 43.854 ng
RT: 10.43 min Scan# 1418
Delta R.T. -0.01 min
Lab File: BP000247.D
Acq: 16 Sep 2019 19:23

Instrument :
BNA_P
ClientSampled :
ICVBP091619

Tot Ion	Ratio	Resp	Lower	Upper
198	100	212380		
51	34.6	7.4	47.4	
105	46.9	20.2	60.2	

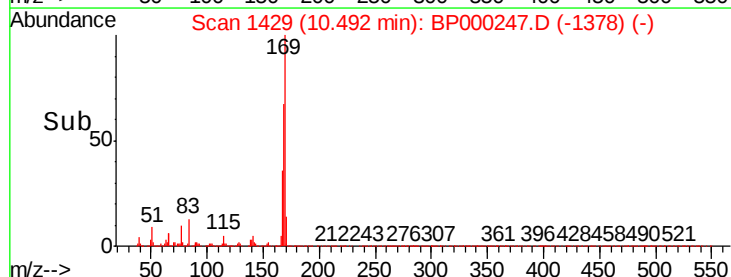
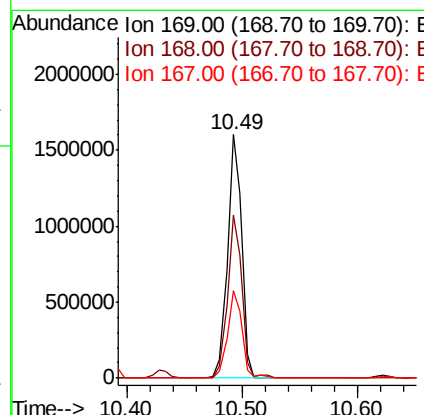
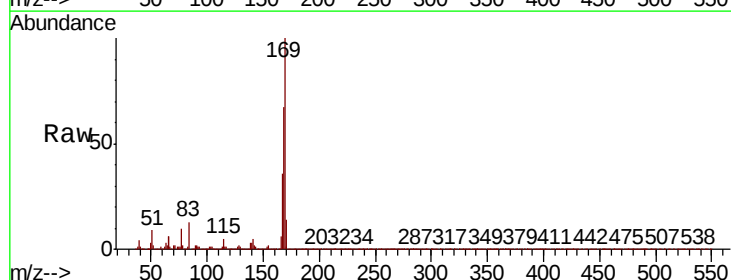
Manual Integrations
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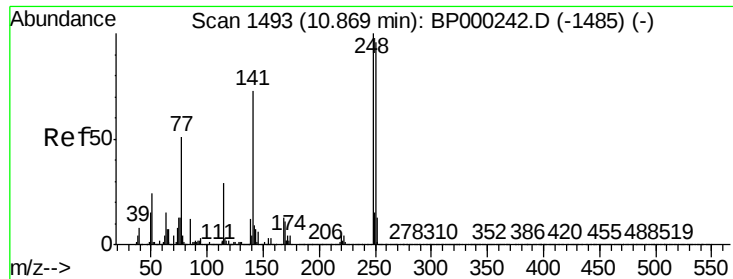
mohammad
9/17/2019 1:27:30 PM



#66
n-Nitrosodiphenylamine
Concen: 43.569 ng
RT: 10.49 min Scan# 1429
Delta R.T. -0.00 min
Lab File: BP000247.D
Acq: 16 Sep 2019 19:23

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	1350855		
168	66.7	52.9	79.3	
167	36.0	29.0	43.6	





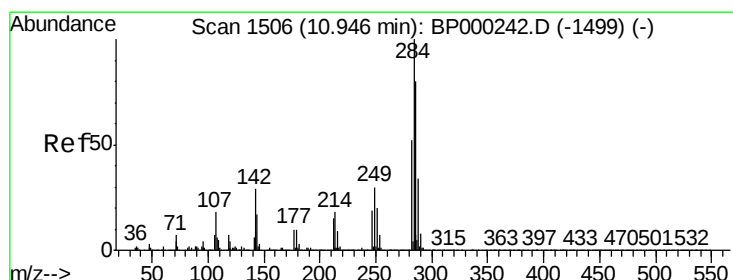
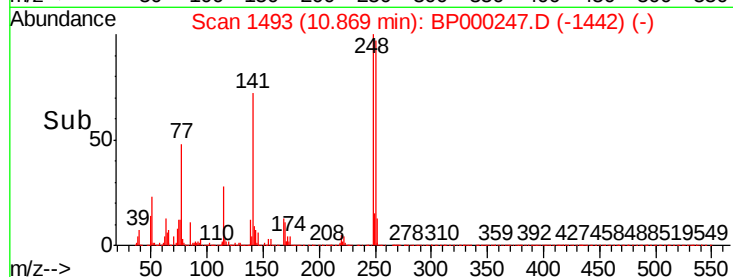
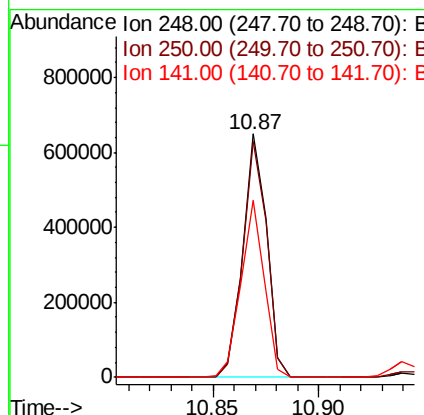
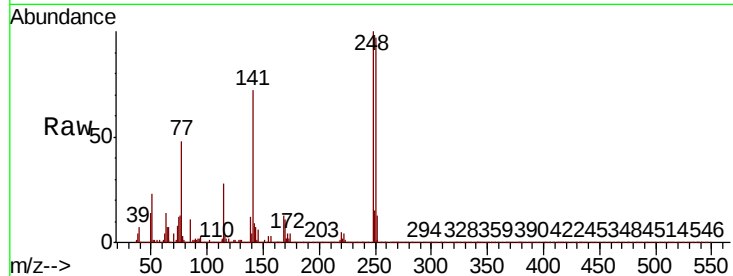
#67
4-Bromophenyl-phenylether
Concen: 43.387 ng
RT: 10.87 min Scan# 1493
Delta R.T. -0.00 min
Lab File: BP000247.D
Acq: 16 Sep 2019 19:23

Instrument :
BNA_P
ClientSampleId :
ICVBP091619

Tot Ion	Ratio	Lower	Upper
248	100		
250	97.0	77.0	115.4
141	72.5	58.5	87.7

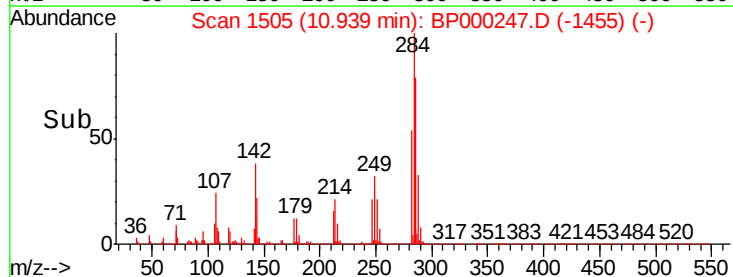
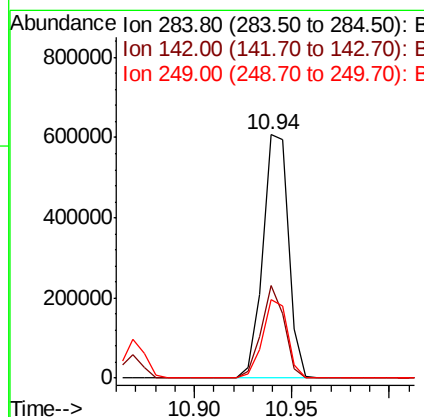
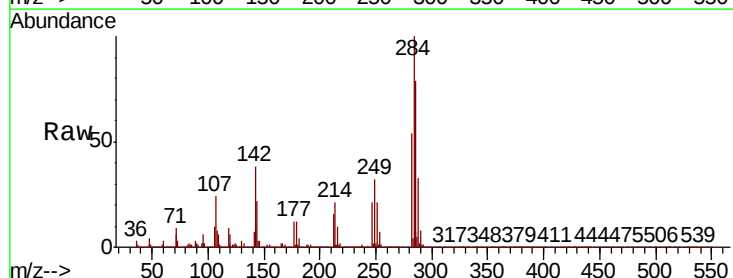
Manual Integrations
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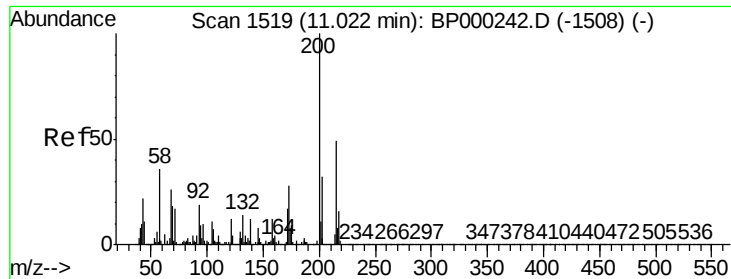
mohammad
9/17/2019 1:27:30 PM



#68
Hexachlorobenzene
Concen: 43.495 ng
RT: 10.94 min Scan# 1505
Delta R.T. -0.01 min
Lab File: BP000247.D
Acq: 16 Sep 2019 19:23

Tgt Ion	Ratio	Lower	Upper
284	100		
142	37.9	23.6	35.4#
249	32.5	24.3	36.5





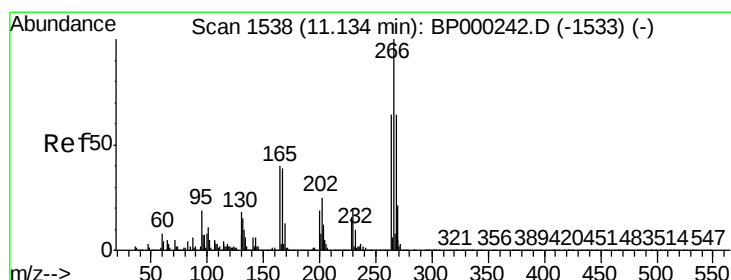
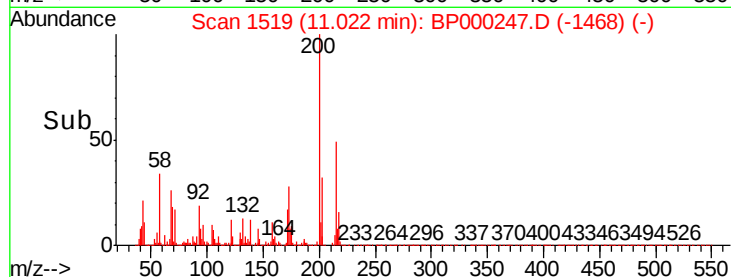
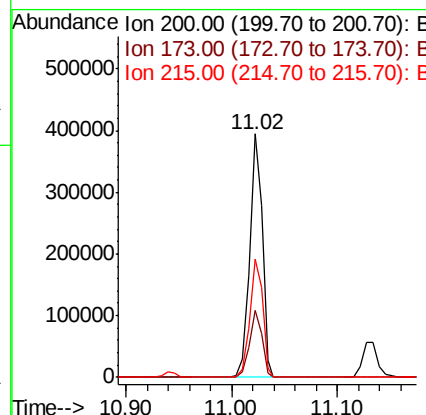
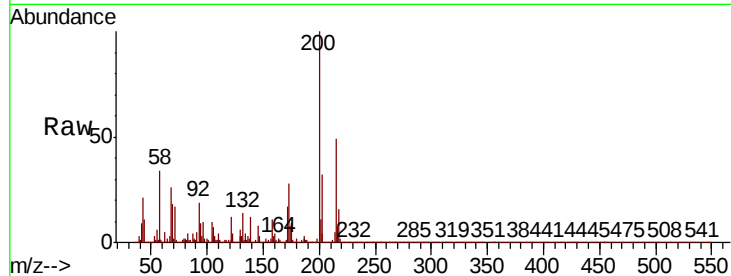
#69
Atrazine
Concen: 38.100 ng
RT: 11.02 min Scan# 1519
Delta R.T. -0.00 min
Lab File: BP000247.D
Acq: 16 Sep 2019 19:23

Instrument :
BNA_P
ClientSampleId :
ICVBP091619

Tot Ion	Ratio	Lower	Upper
200	100		
173	27.7	7.6	47.6
215	48.7	28.6	68.6

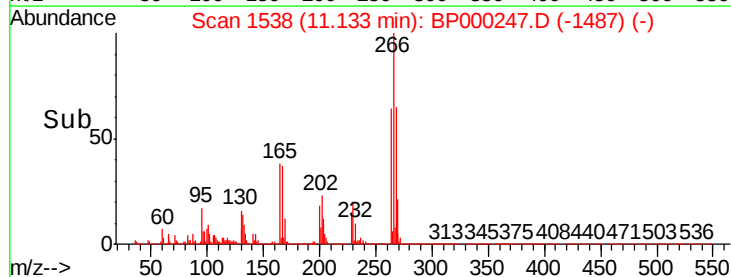
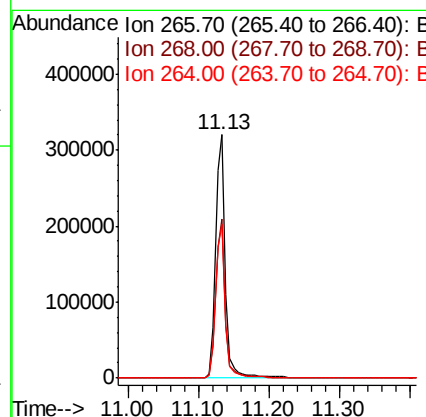
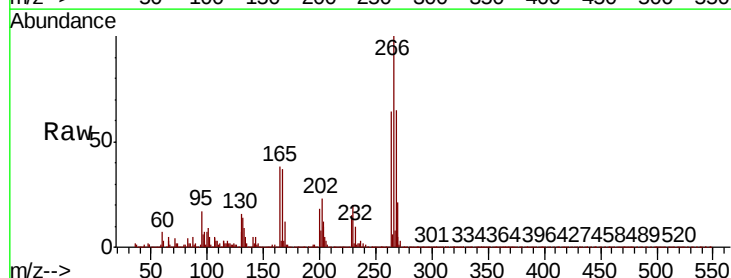
Manual Integrations
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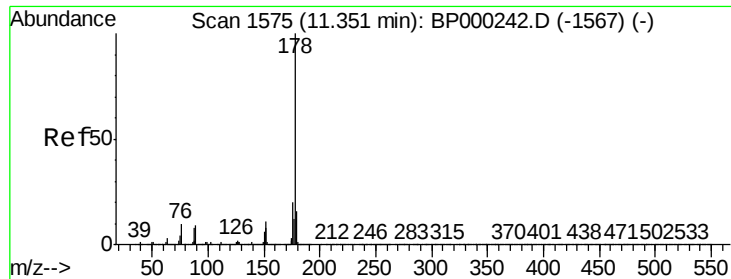
mohammad
9/17/2019 1:27:30 PM



#70
Pentachlorophenol
Concen: 44.036 ng
RT: 11.13 min Scan# 1538
Delta R.T. -0.00 min
Lab File: BP000247.D
Acq: 16 Sep 2019 19:23

Tgt Ion	Ratio	Lower	Upper
266	100		
268	65.3	51.6	77.4
264	63.5	50.8	76.2





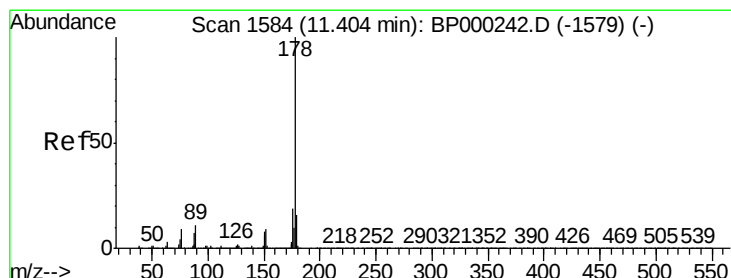
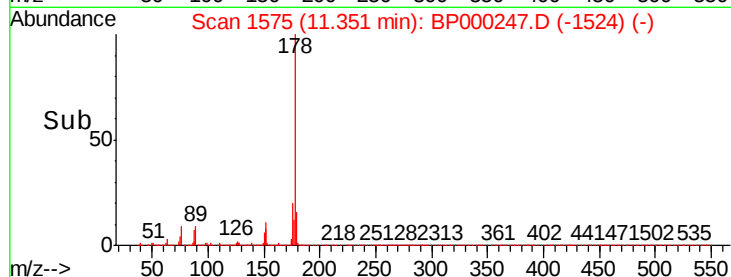
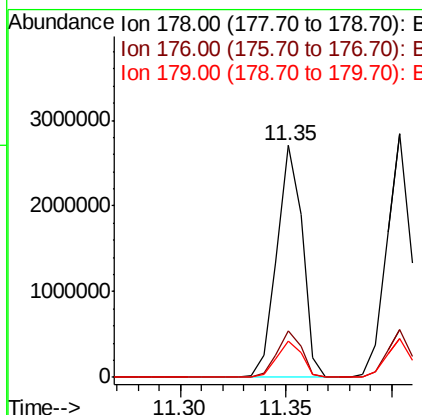
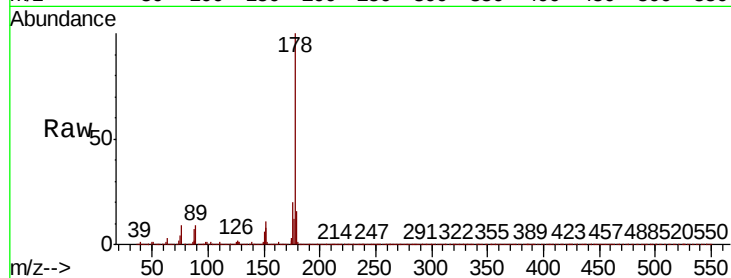
#71
Phenanthrene
Concen: 44.197 ng
RT: 11.35 min Scan# 1575
Delta R.T. -0.00 min
Lab File: BP000247.D
Acq: 16 Sep 2019 19:23

Instrument :
BNA_P
ClientSampleId :
ICVBP091619

Tot Ion	Ratio	Lower	Upper
178	100		
176	20.1	15.8	23.8
179	15.7	12.7	19.1

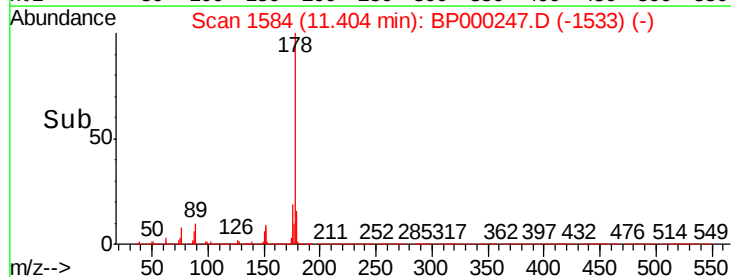
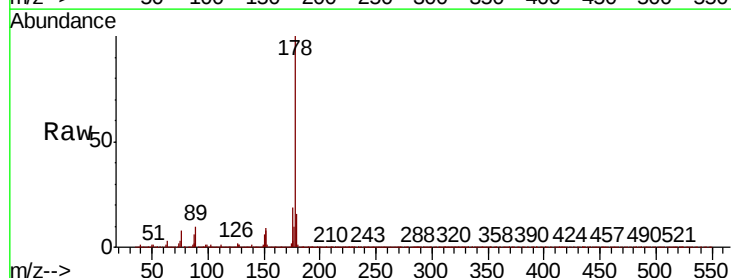
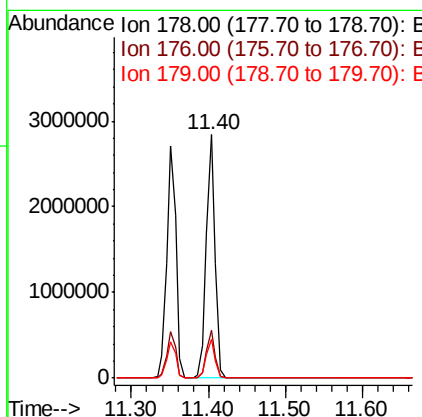
Manual Integrations
APPROVED

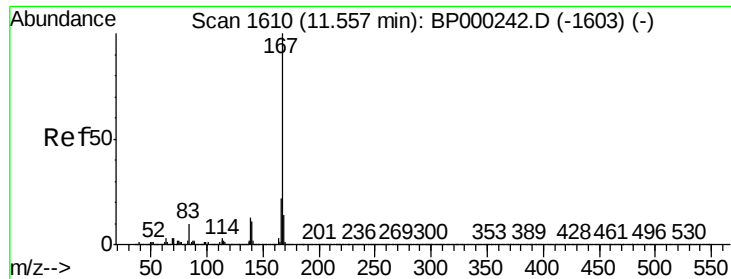
mohammad
9/17/2019 1:27:30 PM



#72
Anthracene
Concen: 42.496 ng
RT: 11.40 min Scan# 1584
Delta R.T. -0.00 min
Lab File: BP000247.D
Acq: 16 Sep 2019 19:23

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.5	15.4	23.0
179	16.0	12.7	19.1





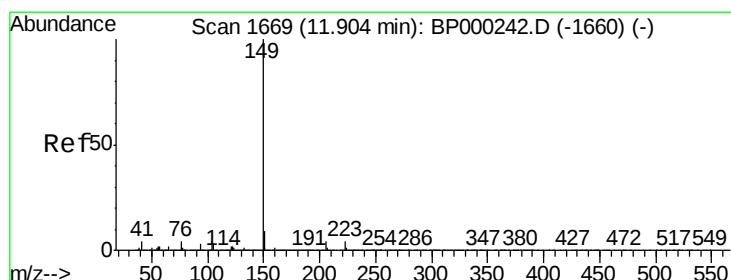
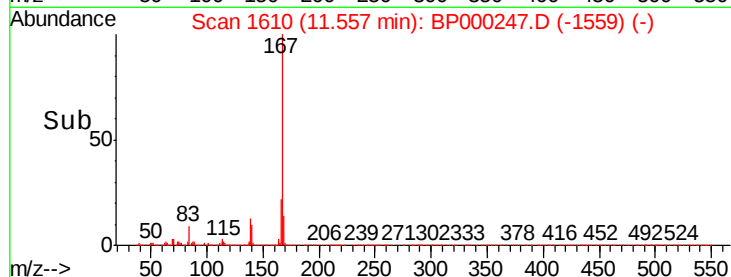
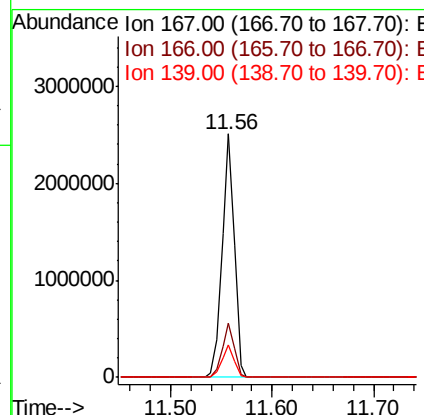
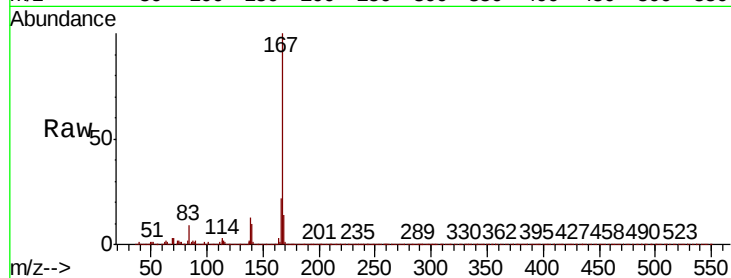
#73
 Carbazole
 Concen: 43.837 ng
 RT: 11.56 min Scan# 1610
 Delta R.T. -0.00 min
 Lab File: BP000247.D
 Acq: 16 Sep 2019 19:23

Instrument :
 BNA_P
 ClientSampleId :
 ICVBP091619

Tot Ion	Ratio	Lower	Upper
167	100		
166	22.2	17.8	26.8
139	13.1	10.8	16.2

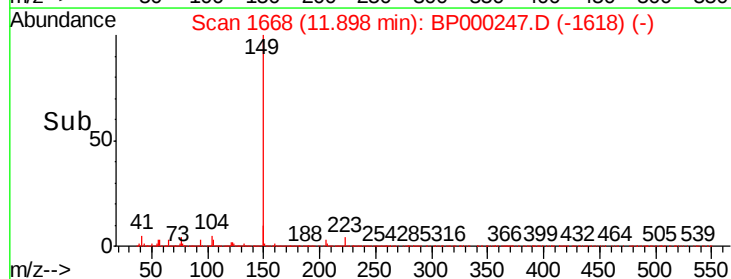
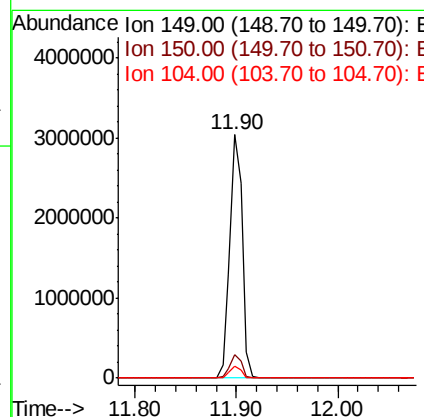
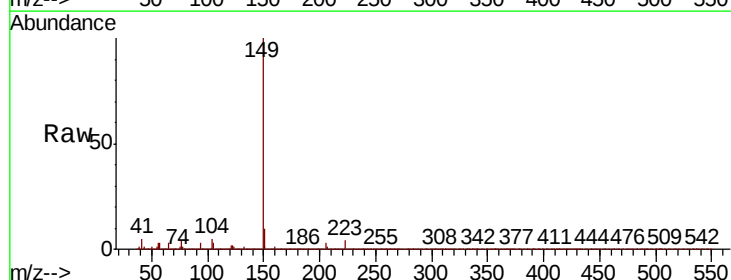
Manual Integrations
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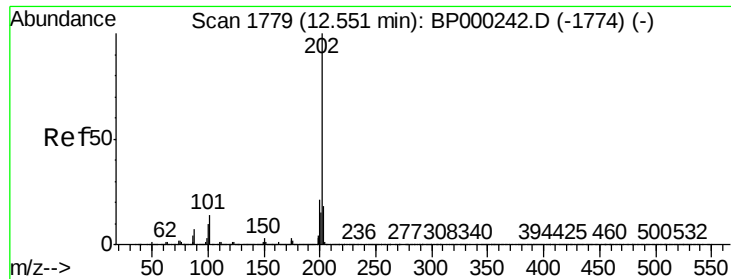
mohammad
 9/17/2019 1:27:30 PM



#74
 Di-n-butylphthalate
 Concen: 42.510 ng
 RT: 11.90 min Scan# 1668
 Delta R.T. -0.01 min
 Lab File: BP000247.D
 Acq: 16 Sep 2019 19:23

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.7	7.4	11.2
104	4.9	3.5	5.3





#75

Fluoranthene

Concen: 44.622 ng

RT: 12.55 min Scan# 1779

Delta R.T. -0.00 min

Lab File: BP000247.D

Acq: 16 Sep 2019 19:23

Instrument :

BNA_P

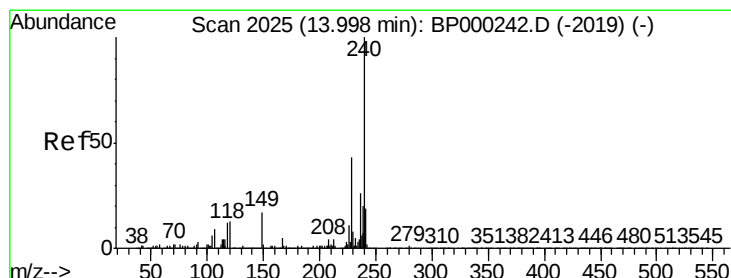
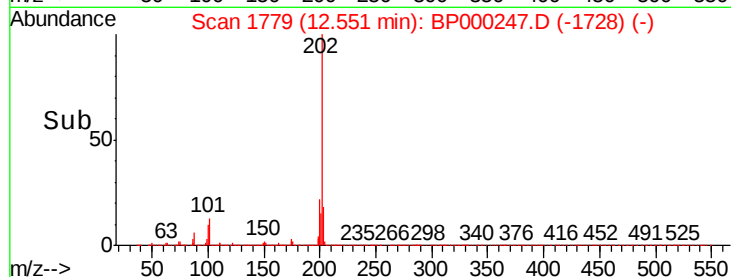
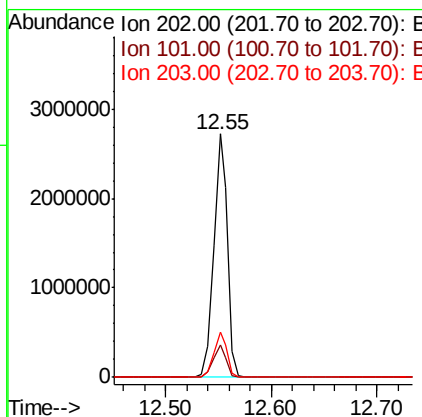
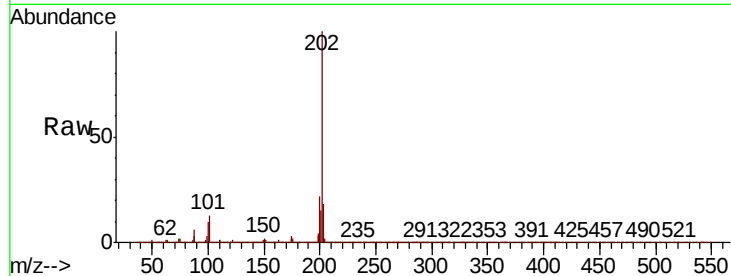
ClientSampleId :

ICVBP091619

Tot Ion:	202	Resp:	2473035
Ion Ratio	Lower	Upper	
202	100		
101	13.2	0.0	33.9
203	18.4	0.0	38.0

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#76

Chrysene-d12

Concen: 20.000 ng

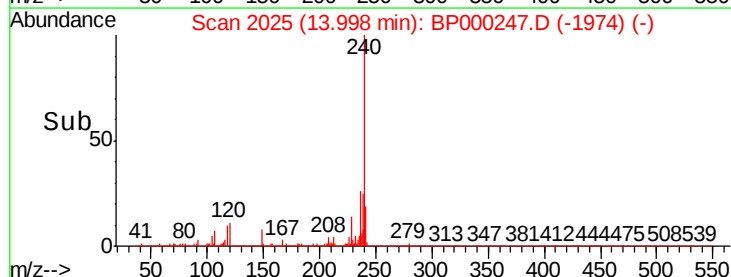
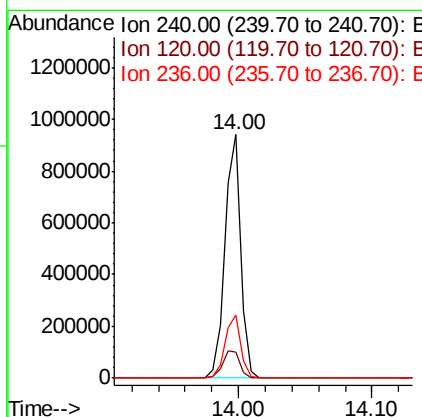
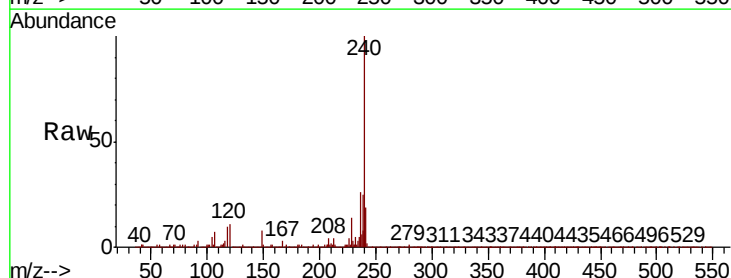
RT: 14.00 min Scan# 2025

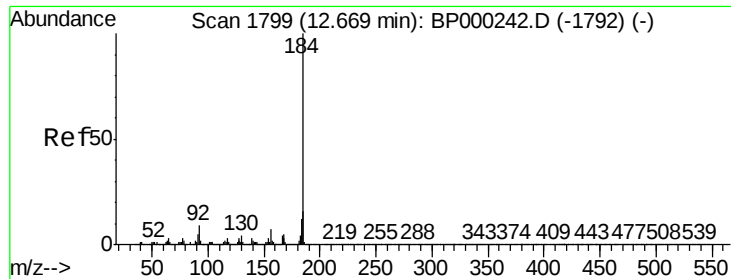
Delta R.T. -0.00 min

Lab File: BP000247.D

Acq: 16 Sep 2019 19:23

Tgt Ion:	240	Resp:	786208
Ion Ratio	Lower	Upper	
240	100		
120	10.9	10.4	15.6
236	26.2	21.0	31.6





#77

Benzidine

Concen: 38.150 ng

RT: 12.67 min Scan# 1799

Delta R.T. -0.00 min

Lab File: BP000247.D

Acq: 16 Sep 2019 19:23

Instrument :

BNA_P

ClientSampleId :

ICVBP091619

Tot Ion:184 Resp: 1071215

Ion Ratio Lower Upper

184 100

185 17.3 12.7 19.1

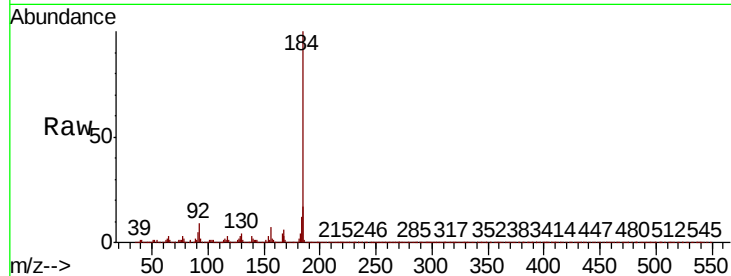
183 12.0 9.5 14.3

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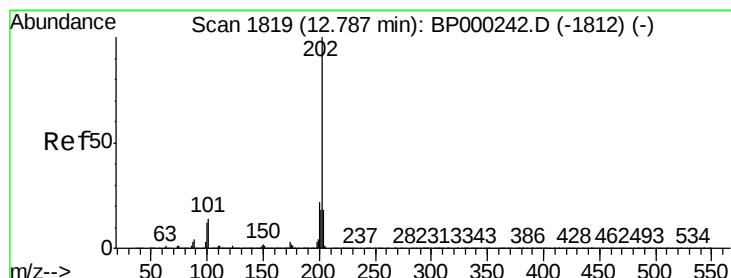
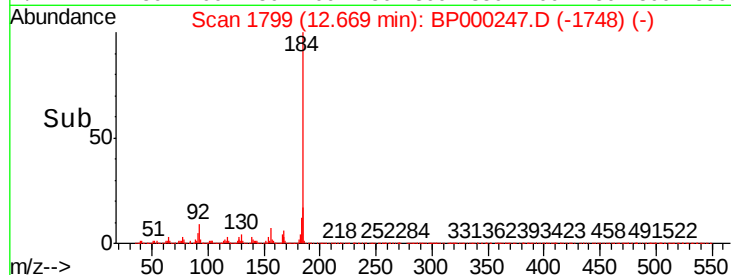
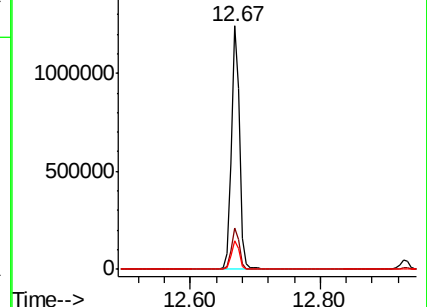
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Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 42.260 ng

RT: 12.78 min Scan# 1818

Delta R.T. -0.01 min

Lab File: BP000247.D

Acq: 16 Sep 2019 19:23

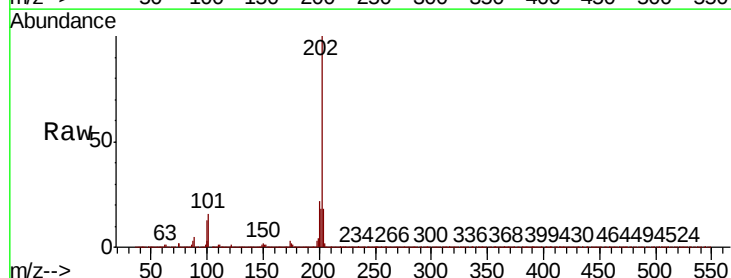
Tgt Ion:202 Resp: 2485814

Ion Ratio Lower Upper

202 100

200 22.0 17.5 26.3

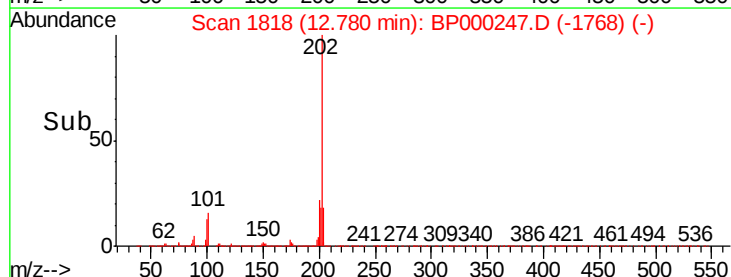
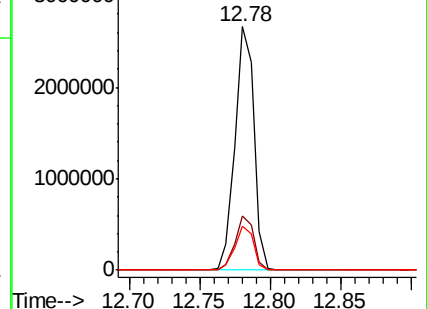
203 18.2 14.3 21.5

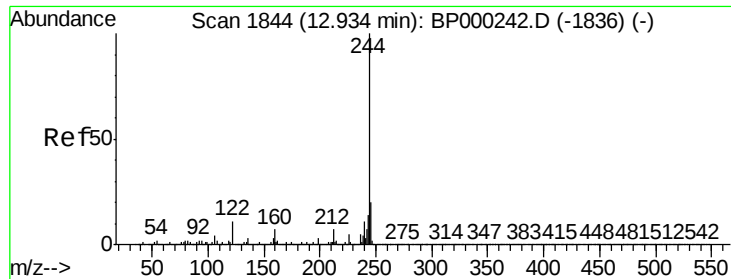


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 86.856 ng

RT: 12.93 min Scan# 1843

Delta R.T. -0.01 min

Lab File: BP000247.D

Acq: 16 Sep 2019 19:23

Instrument :

BNA_P

ClientSampleId :

ICVBP091619

Tot Ion:244 Resp: 3255094

Ion Ratio Lower Upper

244 100

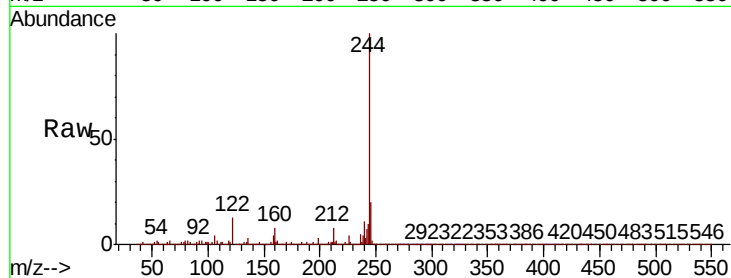
212 7.6 5.9 8.9

122 12.6 9.0 13.4

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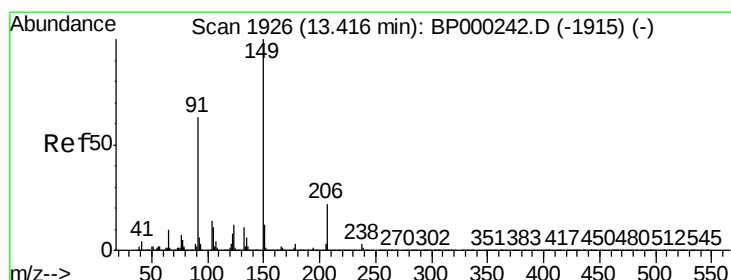
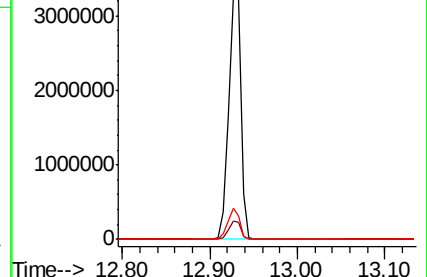
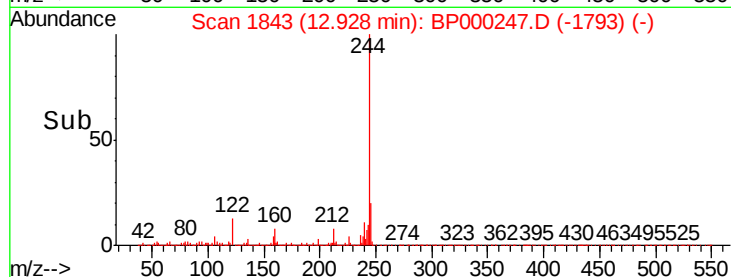
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Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 40.953 ng

RT: 13.41 min Scan# 1925

Delta R.T. -0.01 min

Lab File: BP000247.D

Acq: 16 Sep 2019 19:23

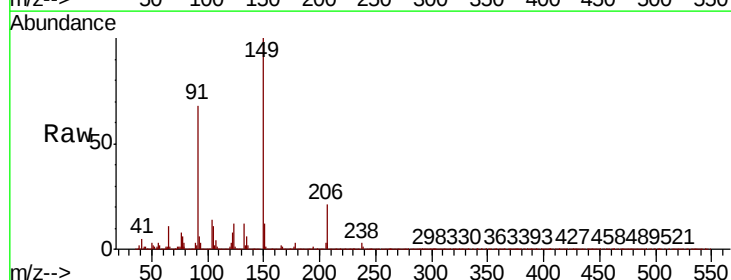
Tgt Ion:149 Resp: 1106891

Ion Ratio Lower Upper

149 100

91 68.4 50.6 76.0

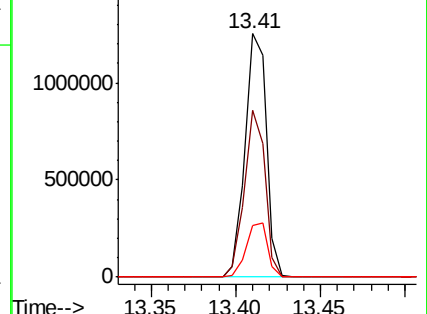
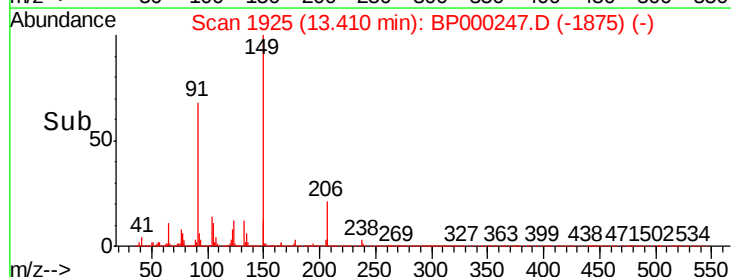
206 21.3 17.8 26.6

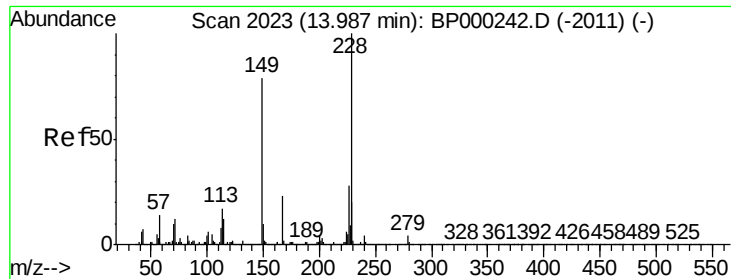


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BP0

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 43.611 ng

RT: 13.99 min Scan# 2023

Delta R.T. -0.00 min

Lab File: BP000247.D

Acq: 16 Sep 2019 19:23

Instrument :

BNA_P

ClientSampleId :

ICVBP091619

Tot Ion:228 Resp: 2165845

Ion Ratio Lower Upper

228 100

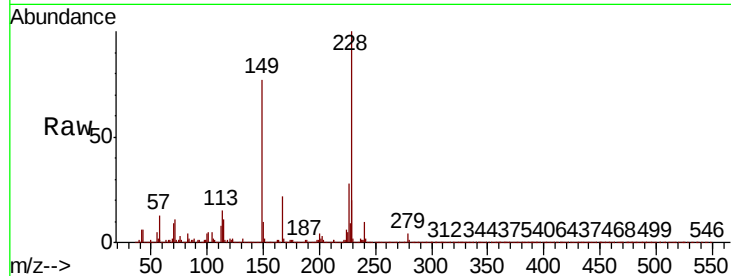
226 27.7 22.2 33.4

229 19.9 16.0 24.0

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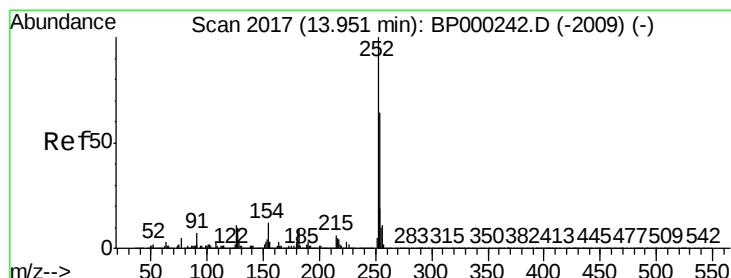
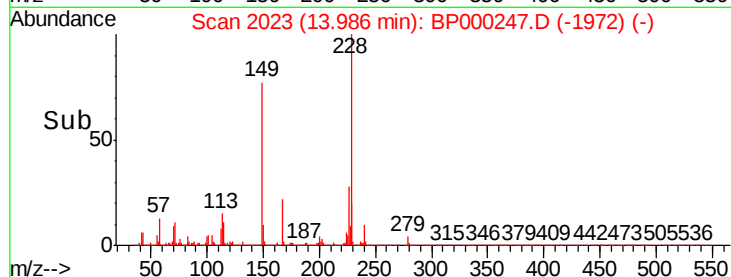
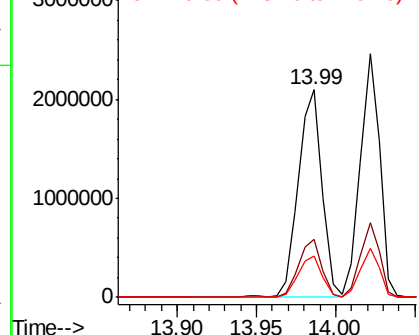


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 42.072 ng

RT: 13.95 min Scan# 2016

Delta R.T. -0.01 min

Lab File: BP000247.D

Acq: 16 Sep 2019 19:23

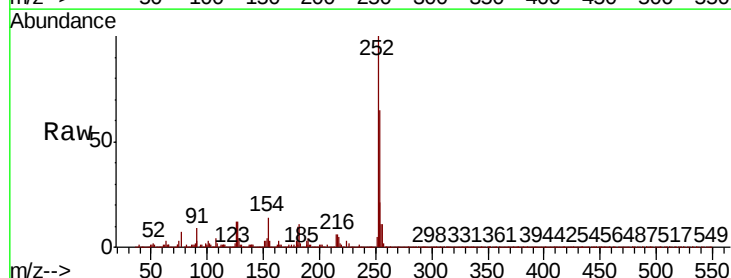
Tgt Ion:252 Resp: 839711

Ion Ratio Lower Upper

252 100

254 64.7 51.5 77.3

126 12.4 8.4 12.6

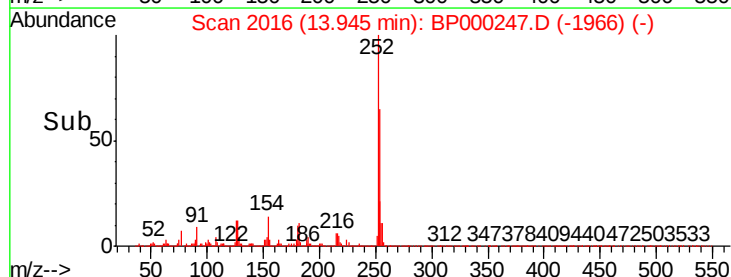
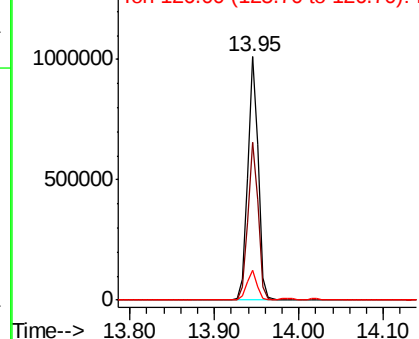


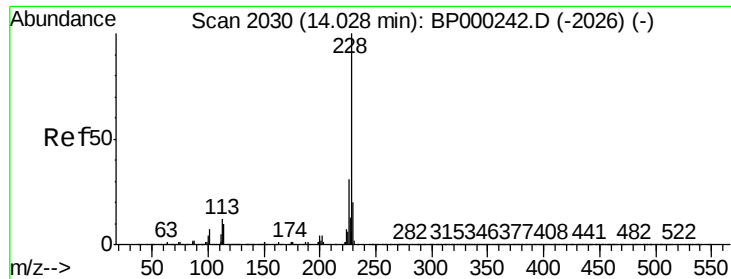
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





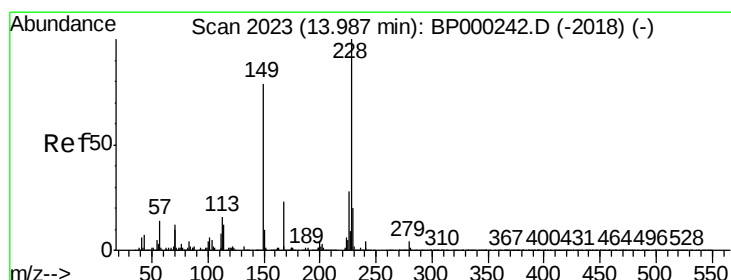
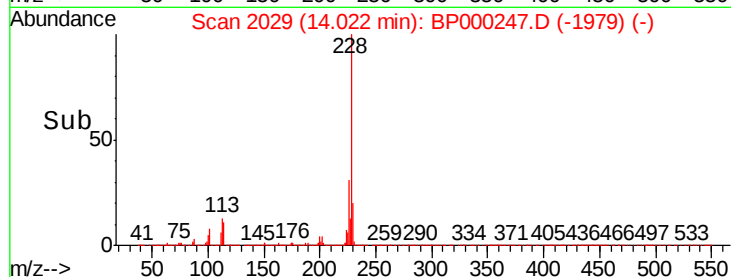
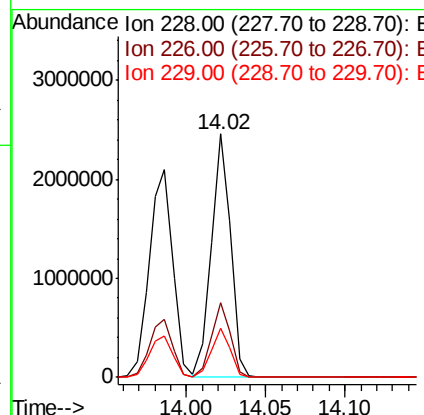
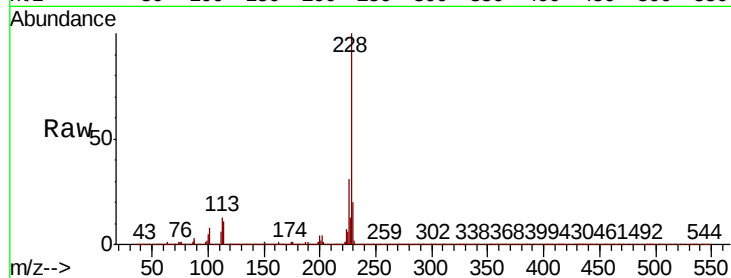
#83
 Chrysene
 Concen: 43.046 ng
 RT: 14.02 min Scan# 2029
 Delta R.T. -0.01 min
 Lab File: BP000247.D
 Acq: 16 Sep 2019 19:23

Instrument :
 BNA_P
 ClientSampleId :
 ICVBP091619

Tot Ion	Ratio	Lower	Upper
228	100		
226	30.9	24.9	37.3
229	20.2	16.2	24.2

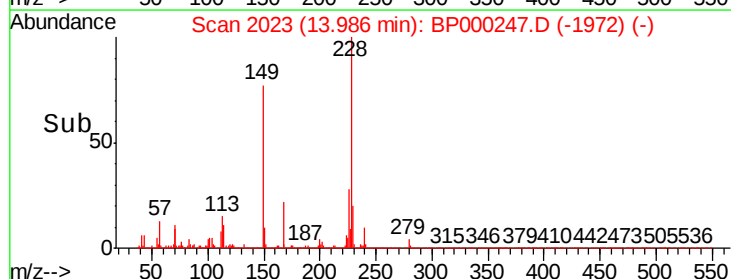
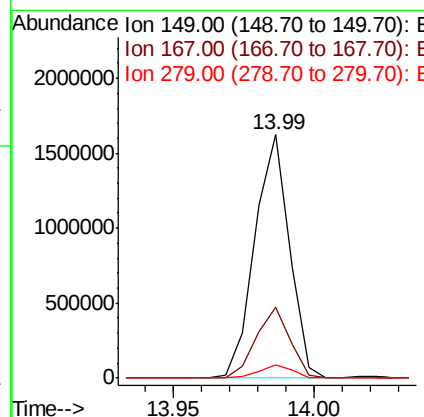
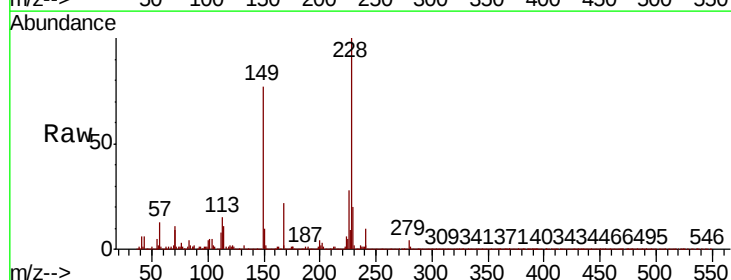
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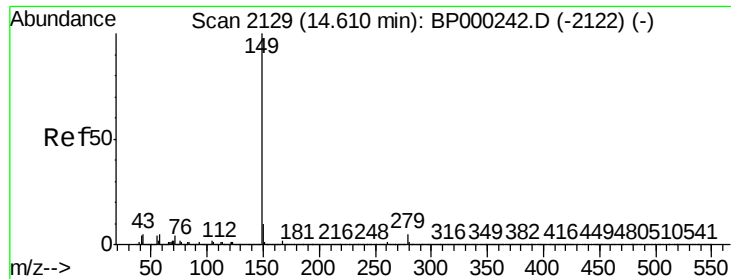
mohammad
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#84
 Bis(2-ethylhexyl)phthalate
 Concen: 42.716 ng
 RT: 13.99 min Scan# 2023
 Delta R.T. -0.00 min
 Lab File: BP000247.D
 Acq: 16 Sep 2019 19:23

Tgt Ion	Ratio	Lower	Upper
149	100		
167	28.9	23.0	34.4
279	5.2	3.7	5.5





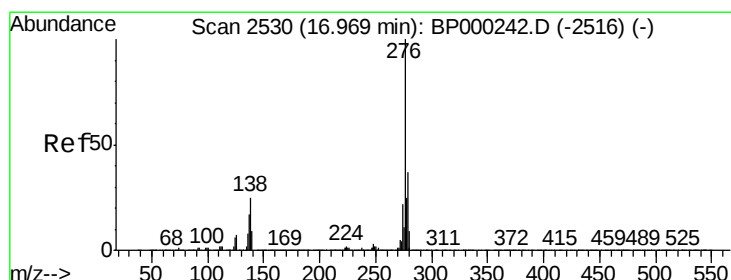
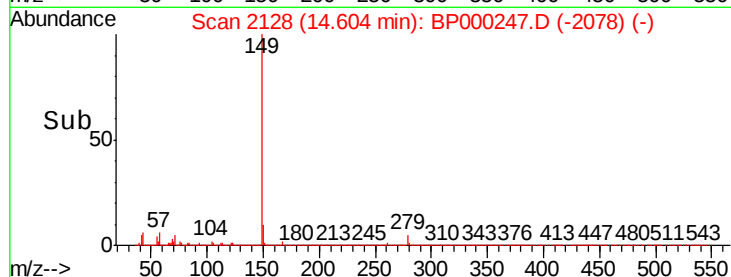
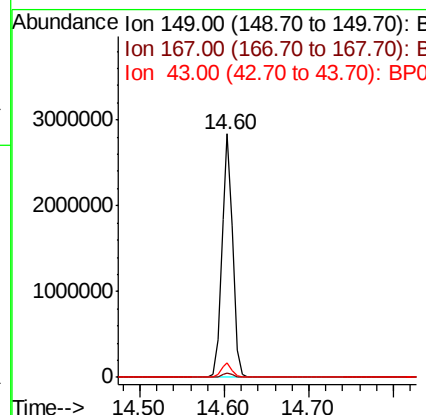
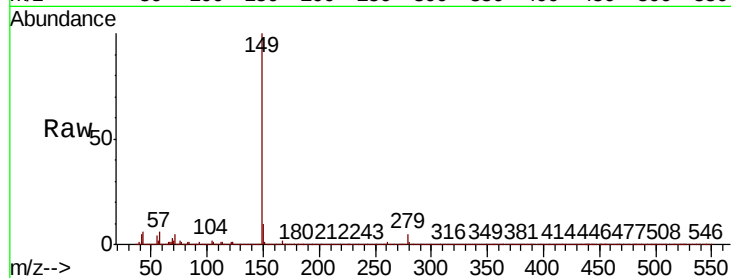
#85
Di-n-octyl phthalate
Concen: 42.929 ng
RT: 14.60 min Scan# 2128
Delta R.T. -0.01 min
Lab File: BP000247.D
Acq: 16 Sep 2019 19:23

Instrument :
BNA_P
ClientSampleId :
ICVBP091619

Tot Ion	Ratio	Lower	Upper
149	100		
167	1.7	1.4	2.0
43	6.2	5.0	7.6

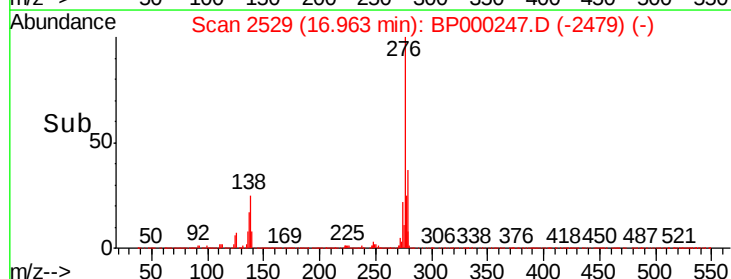
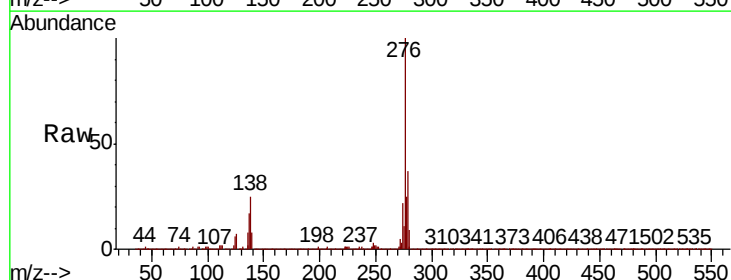
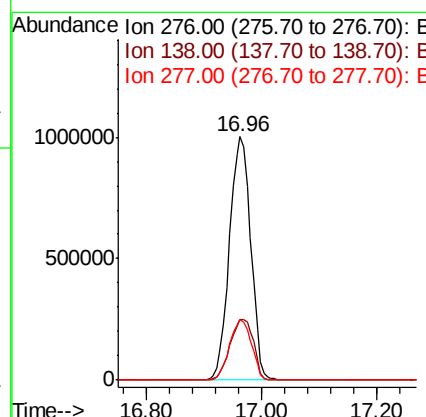
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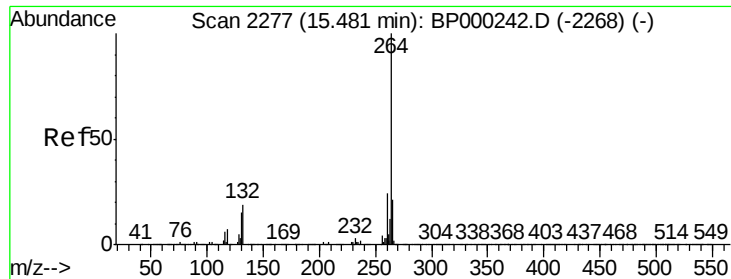
mohammad
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#86
Indeno(1,2,3-cd)pyrene
Concen: 43.031 ng
RT: 16.96 min Scan# 2529
Delta R.T. -0.01 min
Lab File: BP000247.D
Acq: 16 Sep 2019 19:23

Tgt Ion	Ratio	Lower	Upper
276	100		
138	27.5	22.6	33.8
277	25.5	20.4	30.6





#87

Pervlene-d12

Concen: 20.000 ng

RT: 15.47 min Scan# 2276

Delta R.T. -0.01 min

Lab File: BP000247.D

Acq: 16 Sep 2019 19:23

Instrument :

BNA_P

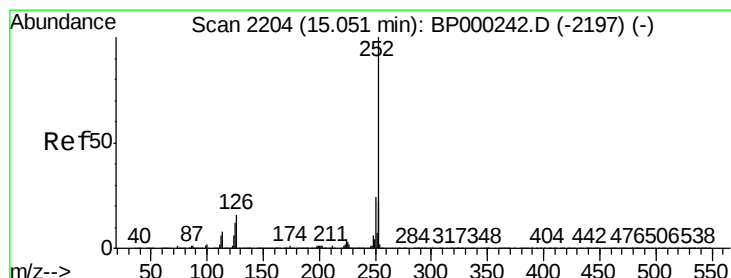
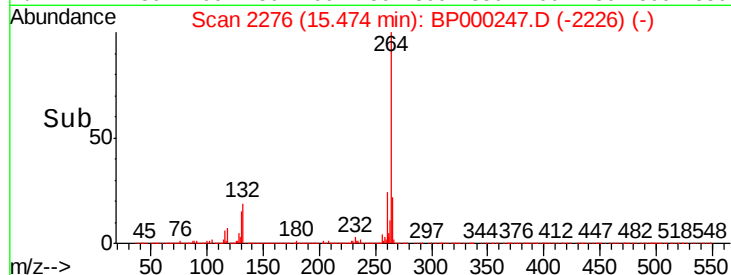
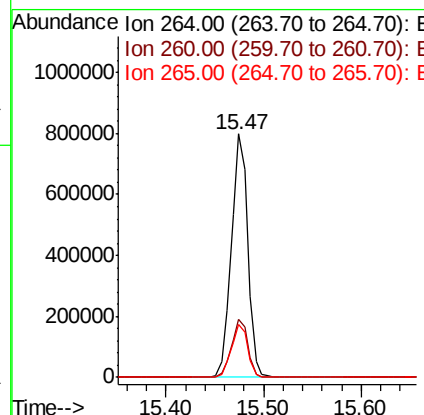
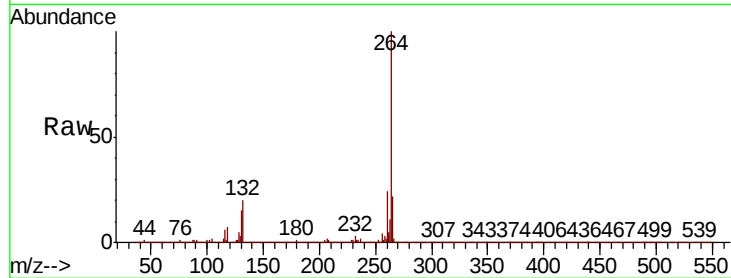
ClientSampled :

ICVBP091619

Tot Ion:	264	Resp:	930408
Ion Ratio		Lower	Upper
264	100		
260	23.7	18.9	28.3
265	21.7	17.2	25.8

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#88

Benzo(b)fluoranthene

Concen: 43.017 ng

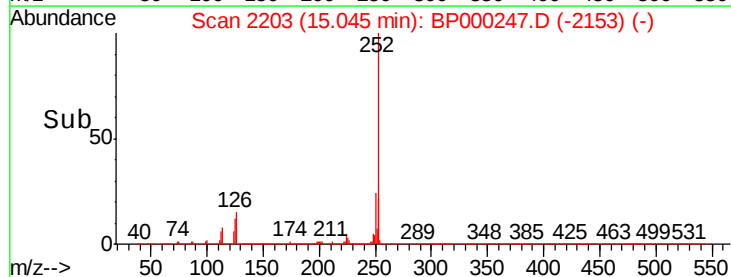
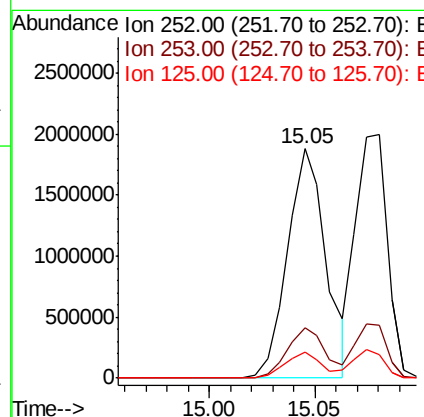
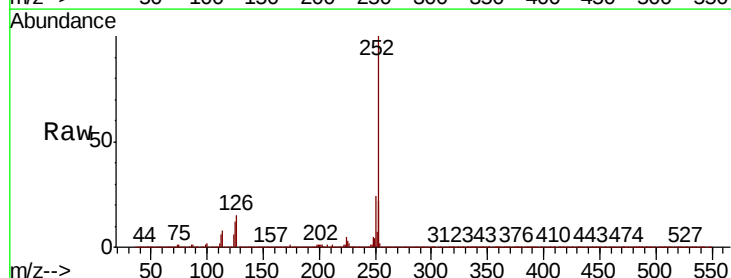
RT: 15.05 min Scan# 2203

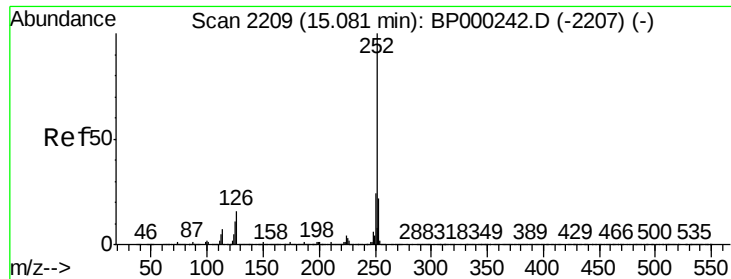
Delta R.T. -0.01 min

Lab File: BP000247.D

Acq: 16 Sep 2019 19:23

Tgt Ion:	252	Resp:	2387660
Ion Ratio		Lower	Upper
252	100		
253	22.0	17.8	26.6
125	11.5	9.5	14.3





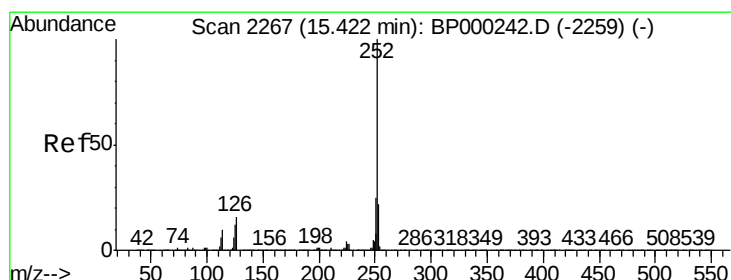
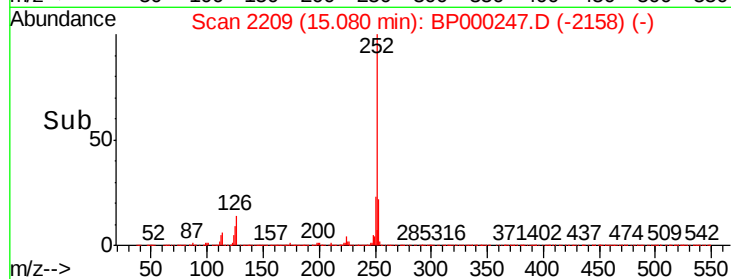
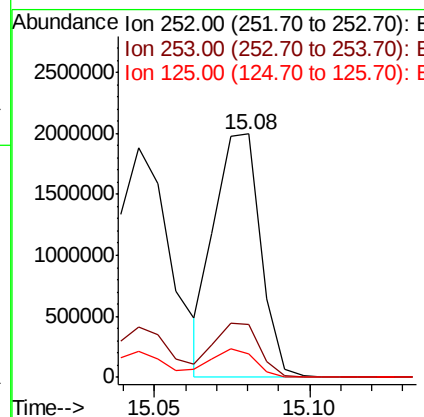
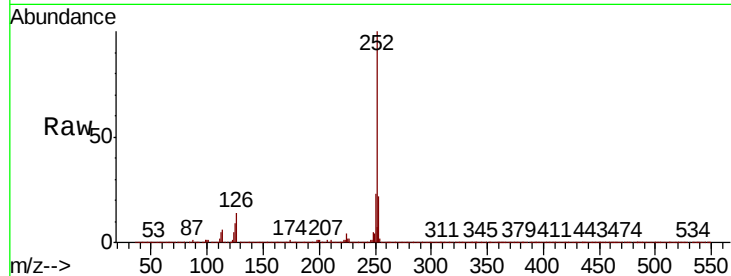
#89
Benzo(k)fluoranthene
Concen: 42.901 ng m
RT: 15.08 min Scan# 2209
Delta R.T. -0.00 min
Lab File: BP000247.D
Acq: 16 Sep 2019 19:23

Instrument :
BNA_P
ClientSampleId :
ICVBP091619

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.7	17.8	26.8
125	9.4	9.6	14.4

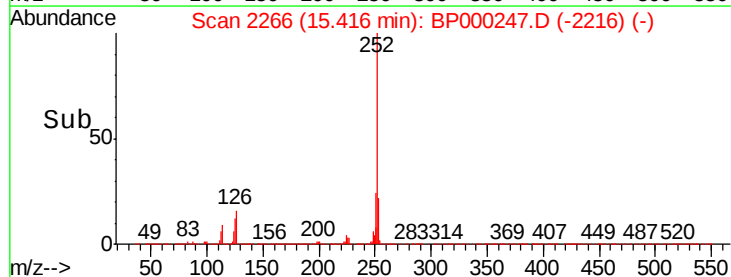
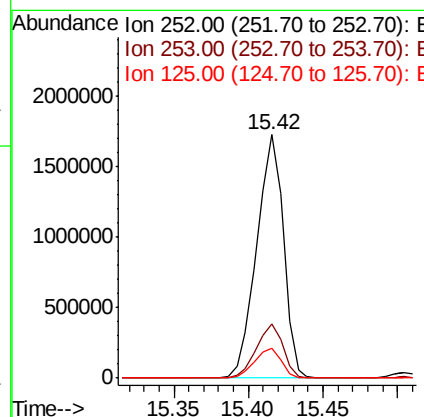
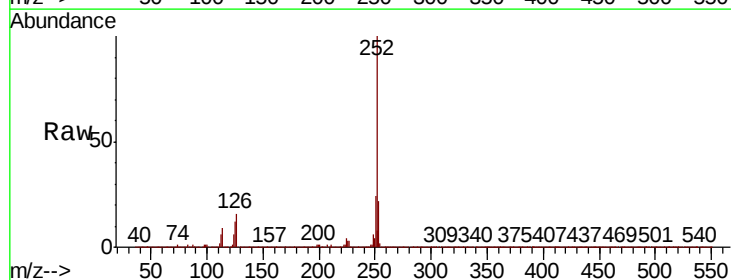
Manual Integrations
APPROVED

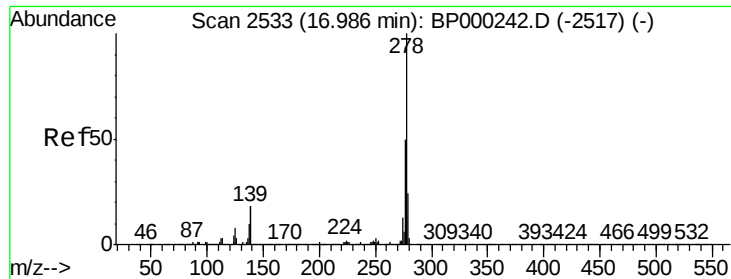
mohammad
9/17/2019 1:27:30 PM



#90
Benzo(a)pyrene
Concen: 42.244 ng
RT: 15.42 min Scan# 2266
Delta R.T. -0.01 min
Lab File: BP000247.D
Acq: 16 Sep 2019 19:23

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.7	26.5
125	12.2	10.0	15.0





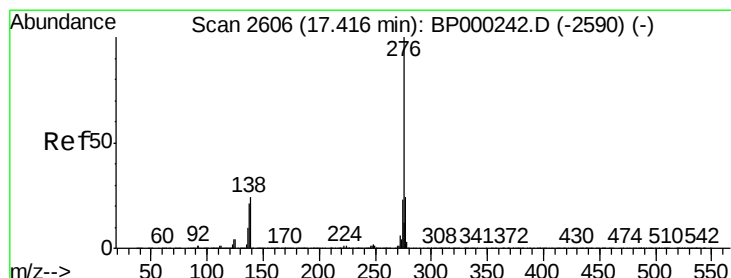
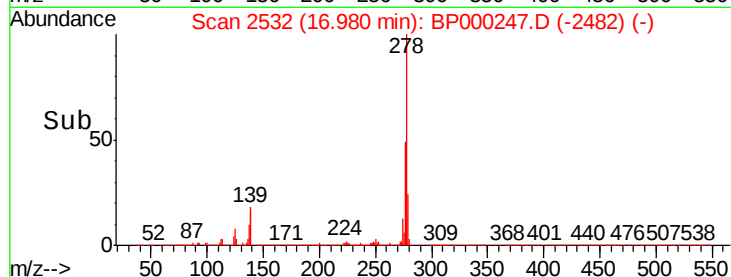
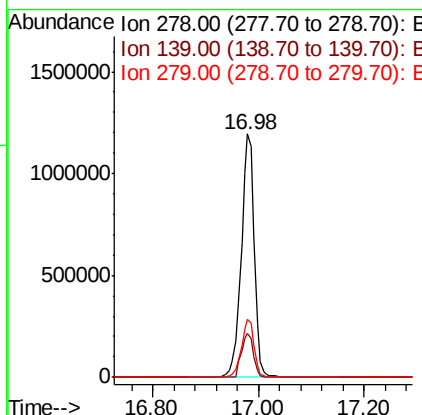
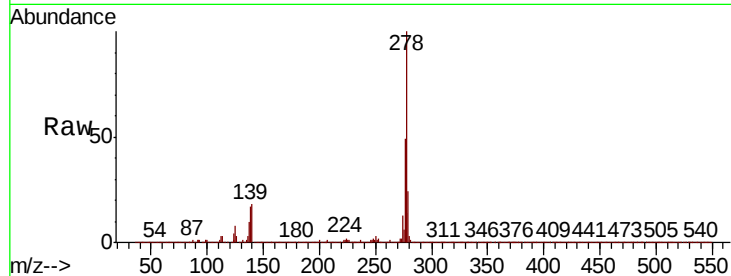
#91
Dibenzo(a,h)anthracene
Concen: 43.454 ng
RT: 16.98 min Scan# 2532
Delta R.T. -0.01 min
Lab File: BP000247.D
Acq: 16 Sep 2019 19:23

Instrument :
BNA_P
ClientSampleId :
ICVBP091619

Tot Ion	Ratio	Lower	Upper
278	100		
139	18.2	14.5	21.7
279	24.1	19.0	28.6

Manual Integrations
APPROVED

mohammad
9/17/2019 1:27:30 PM



#92
Benzo(g,h,i)perylene
Concen: 42.947 ng
RT: 17.41 min Scan# 2605
Delta R.T. -0.01 min
Lab File: BP000247.D
Acq: 16 Sep 2019 19:23

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.7	19.1	28.7
138	23.7	19.5	29.3

