

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP092719\
 Data File : BP000457.D
 Acq On : 27 Sep 2019 15:07
 Operator : JU
 Sample : K4657-03MS
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 BU-02-092419MS

Manual Integrations
 APPROVED

mohammad
 9/30/2019 8:15:04 AM

Quant Time: Sep 27 23:39:01 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP091619.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Sep 19 14:44:51 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	227673	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	809267	20.00	ng	0.00
39) Acenaphthene-d10	9.83	164	447960	20.00	ng	0.00
64) Phenanthrene-d10	11.33	188	823909	20.00	ng	0.00
76) Chrysene-d12	14.01	240	667554	20.00	ng	0.01
87) Perylene-d12	15.49	264	779000	20.00	ng	0.01

System Monitoring Compounds						
5) 2-Fluorophenol	5.43	112	1682926	127.61	ng	0.02
7) Phenol-d6	6.43	99	2122710	131.31	ng	0.01
23) Nitrobenzene-d5	7.35	82	1226898	97.82	ng	0.00
42) 2,4,6-Tribromophenol	10.63	330	651532	146.64	ng	0.00
45) 2-Fluorobiphenyl	9.15	172	2587092	103.94	ng	0.00
79) Terphenyl-d14	12.94	244	3111350	97.78	ng	0.00

Target Compounds				Qvalue		
2) 1,4-Dioxane	2.64	88	218729	36.753	ng	# 89
3) Pyridine	3.37	79	320809	20.024	ng	100
4) n-Nitrosodimethylamine	3.28	42	182875	40.480	ng	98
6) Aniline	6.45	93	231810	10.400	ng	# 1
8) 2-Chlorophenol	6.58	128	655661	46.169	ng	100
9) Benzaldehyde	6.34	77	268543	29.019	ng	98
10) Phenol	6.45	94	784372	42.706	ng	97
11) bis(2-Chloroethyl)ether	6.53	93	612148	43.523	ng	98
12) 1,3-Dichlorobenzene	6.73	146	714684	41.937	ng	99
13) 1,4-Dichlorobenzene	6.81	146	724786	42.746	ng	96
14) 1,2-Dichlorobenzene	6.96	146	673725	43.376	ng	99
15) Benzyl Alcohol	6.93	79	528813	44.951	ng	100
16) 2,2'-oxybis(1-Chloropropan	7.07	45	549811	41.232	ng	97
17) 2-Methylphenol	7.05	107	546847	44.959	ng	99
18) Hexachloroethane	7.30	117	253770	40.444	ng	93
19) n-Nitroso-di-n-propylamine	7.20	70	365306	42.740	ng	99
20) 3+4-Methylphenols	7.20	107	680472	46.264	ng	# 78
22) Acetophenone	7.19	105	888079	50.638	ng	# 97
24) Nitrobenzene	7.37	77	623953	47.893	ng	99
25) Isophorone	7.61	82	1156343	46.558	ng	100
26) 2-Nitrophenol	7.69	139	340641	49.320	ng	97
27) 2,4-Dimethylphenol	7.73	122	586001	53.265	ng	100
28) bis(2-Chloroethoxy)methane	7.82	93	775981	46.975	ng	100
29) 2,4-Dichlorophenol	7.93	162	590927	50.116	ng	99
30) 1,2,4-Trichlorobenzene	8.02	180	635183	46.998	ng	98
31) Naphthalene	8.09	128	1892538	50.495	ng	100
32) Benzoic acid	7.85	122	354809	47.764	ng	97
33) 4-Chloroaniline	8.15	127	117054	6.901	ng	99
34) Hexachlorobutadiene	8.22	225	367592	45.904	ng	98
35) Caprolactam	8.50	113	191351m	47.706	ng	
36) 4-Chloro-3-methylphenol	8.63	107	595902	49.784	ng	99
37) 2-Methylnaphthalene	8.79	142	1294401	50.520	ng	100
38) 1-Methylnaphthalene	8.89	142	1208629	50.358	ng	100
40) 1,2,4,5-Tetrachlorobenzene	8.96	216	638485	49.851	ng	100

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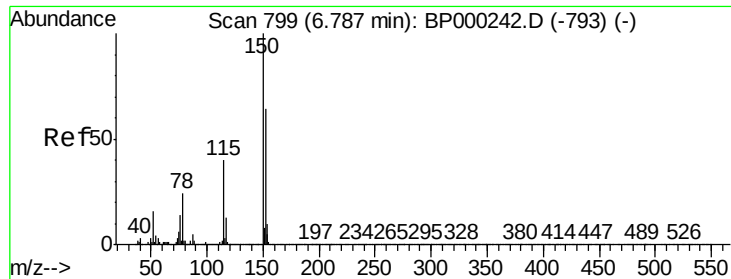
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.95	237	528441	71.850	nq	99
43) 2,4,6-Trichlorophenol	9.07	196	431572	48.696	nq	99
44) 2,4,5-Trichlorophenol	9.12	196	471367	51.942	nq	99
46) 1,1'-Biphenyl	9.25	154	1592559	51.391	nq	100
47) 2-Chloronaphthalene	9.28	162	1243367	47.830	nq	97
48) 2-Nitroaniline	9.38	65	300377	45.501	nq	96
49) Acenaphthylene	9.70	152	1972048	50.467	nq	99
50) Dimethylphthalate	9.56	163	1813405	59.417	nq	99
51) 2,6-Dinitrotoluene	9.62	165	340740	50.776	nq	94
52) Acenaphthene	9.87	154	1147057	46.517	nq	99
53) 3-Nitroaniline	9.78	138	124036	15.924	nq	97
54) 2,4-Dinitrophenol	9.90	184	293721	99.070	nq	98
55) Dibenzofuran	10.05	168	1781123	51.095	nq	98
56) 4-Nitrophenol	9.96	139	514178	88.751	nq	96
57) 2,4-Dinitrotoluene	10.03	165	453010	51.638	nq	99
58) Fluorene	10.39	166	1345371	49.967	nq	99
59) 2,3,4,6-Tetrachlorophenol	10.17	232	394560	52.838	nq	96
60) Diethylphthalate	10.26	149	1445637	49.239	nq	98
61) 4-Chlorophenyl-phenylether	10.38	204	694434	50.245	nq	95
62) 4-Nitroaniline	10.40	138	343949	44.893	nq	98
63) Azobenzene	10.54	77	1211035	48.688	nq	98
65) 4,6-Dinitro-2-methylphenol	10.44	198	203668	52.572	nq	98
66) n-Nitrosodiphenylamine	10.50	169	1223960	49.348	nq	100
67) 4-Bromophenyl-phenylether	10.88	248	446770	47.953	nq	95
68) Hexachlorobenzene	10.95	284	477745	46.904	nq	94
70) Pentachlorophenol	11.15	266	493172	88.901	nq	99
71) Phenanthrene	11.36	178	2094510	50.729	nq	100
72) Anthracene	11.41	178	2130310	50.127	nq	100
73) Carbazole	11.57	167	1958110	51.162	nq	99
74) Di-n-butylphthalate	11.90	149	2333808	48.175	nq	99
75) Fluoranthene	12.56	202	2353937	53.095	nq	96
77) Benzidine	12.68	184	18606	0.780	nq	98
78) Pyrene	12.79	202	2393027	47.914	nq	100
80) Butylbenzylphthalate	13.42	149	1051368	45.813	nq	97
81) Benzo(a)anthracene	14.00	228	2021774	47.946	nq	99
82) 3,3'-Dichlorobenzidine	13.96	252	392767	23.176	nq	100
83) Chrysene	14.03	228	2032246	49.085	nq	99
84) Bis(2-ethylhexyl)phthalate	13.99	149	1357369	49.272	nq	99
85) Di-n-octyl phthalate	14.61	149	2509261	49.145	nq	99
86) Indeno(1,2,3-cd)pyrene	16.99	276	2560126	50.729	nq	98
88) Benzo(b)fluoranthene	15.06	252	2217156	47.709	nq	98
89) Benzo(k)fluoranthene	15.09	252	2164881	53.404	nq	99
90) Benzo(a)pyrene	15.43	252	2172143	51.368	nq	99
91) Dibenzo(a,h)anthracene	17.01	278	2087887	52.959	nq	98
92) Benzo(g,h,i)perylene	17.44	276	2153176	53.133	nq	99

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



#1

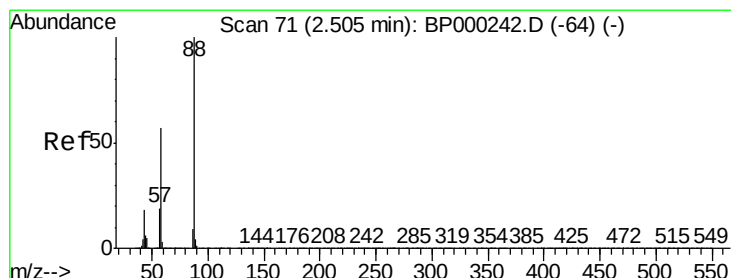
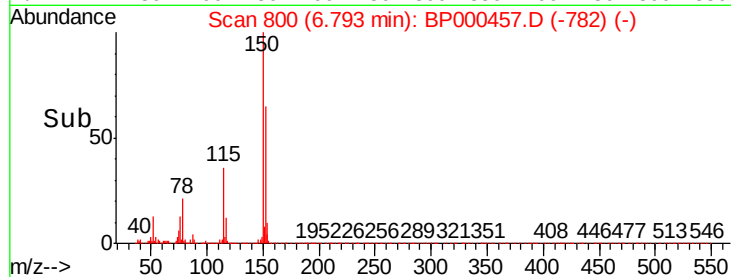
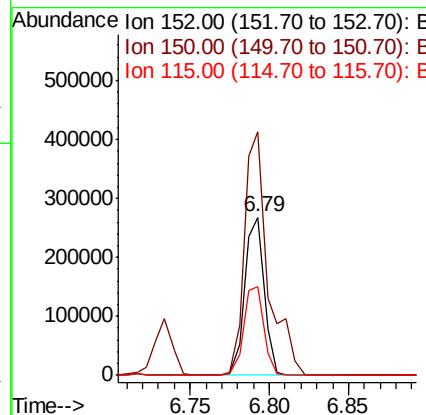
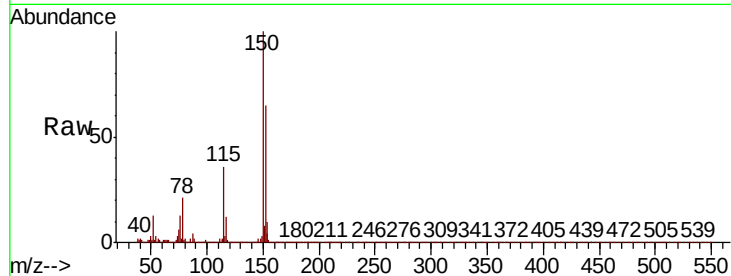
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.79 min Scan# 800
Delta R.T. 0.01 min
Lab File: BP000457.D
Acq: 27 Sep 2019 15:07

Instrument :
BNA_P
ClientSampleId :
BU-02-092419MS

Tot Ion	Ratio	Lower	Upper
152	100		
150	153.8	125.2	187.8
115	55.8	49.7	74.5

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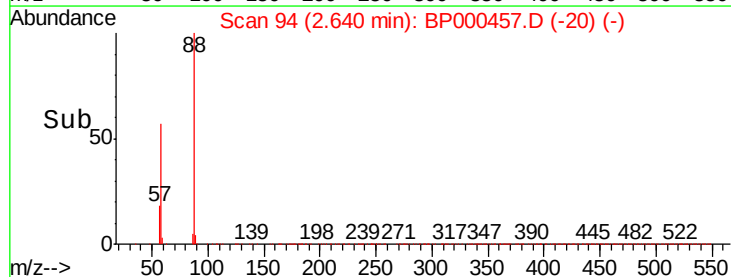
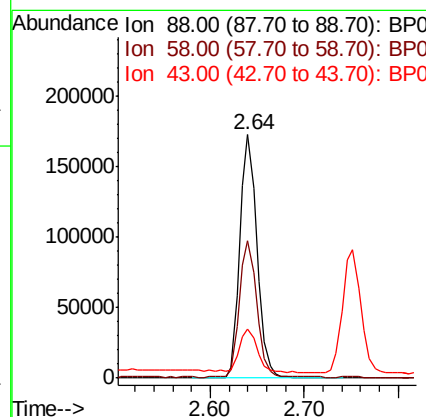
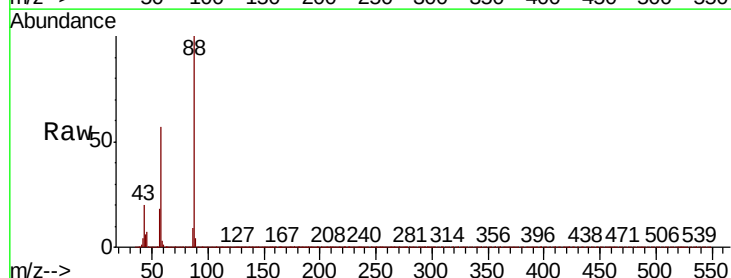
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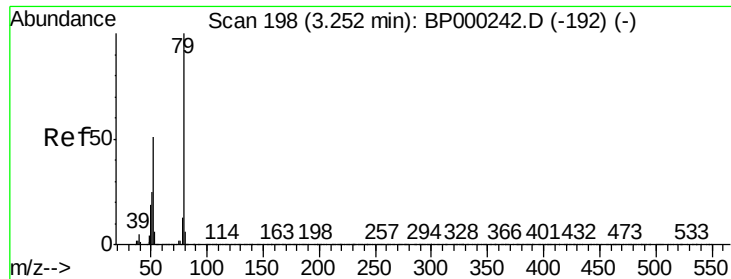


#2

1,4-Dioxane
Concen: 36.753 ng
RT: 2.64 min Scan# 94
Delta R.T. 0.14 min
Lab File: BP000457.D
Acq: 27 Sep 2019 15:07

Tgt Ion	Ratio	Lower	Upper
88	100		
58	56.6	45.4	68.2
43	0.0	15.0	22.6





#3

Pvridine

Concen: 20.024 ng

RT: 3.37 min Scan# 218

Delta R.T. 0.12 min

Lab File: BP000457.D

Acq: 27 Sep 2019 15:07

Instrument :

BNA_P

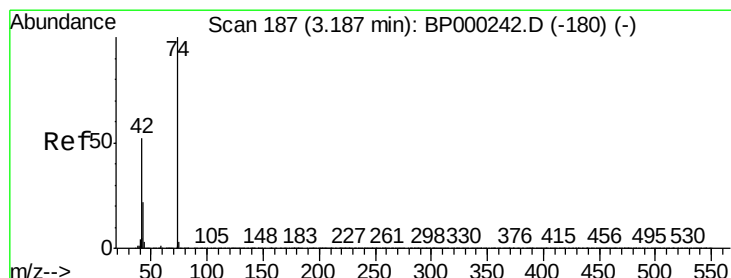
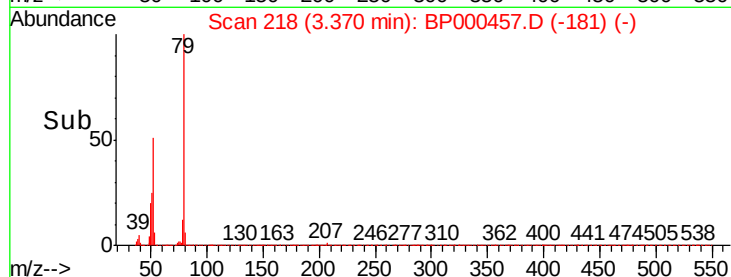
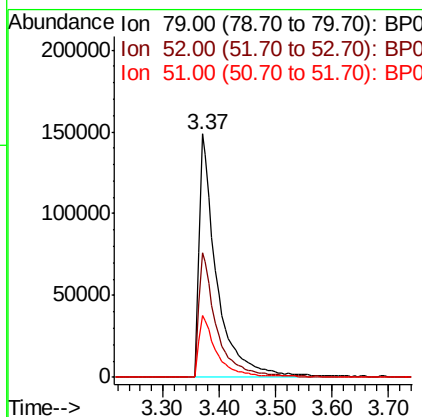
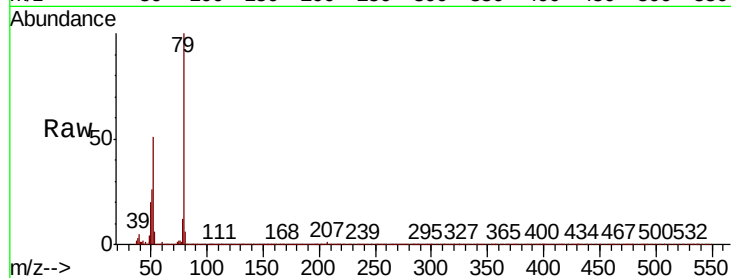
ClientSampleId :

BU-02-092419MS

Tot Ion:	79	Resp:	320809
Ion Ratio	Lower	Upper	
79	100		
52	51.2	40.9	61.3
51	25.5	20.2	30.2

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#4

n-Nitrosodimethylamine

Concen: 40.480 ng

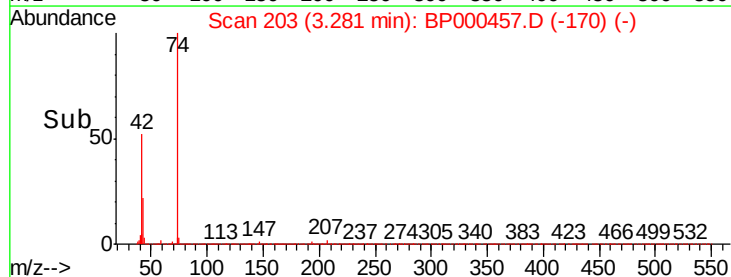
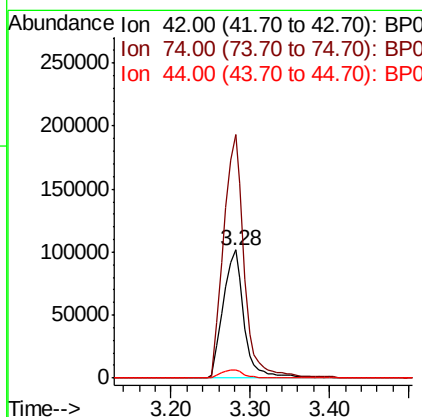
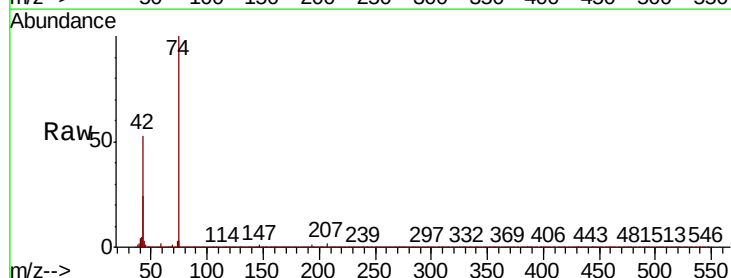
RT: 3.28 min Scan# 203

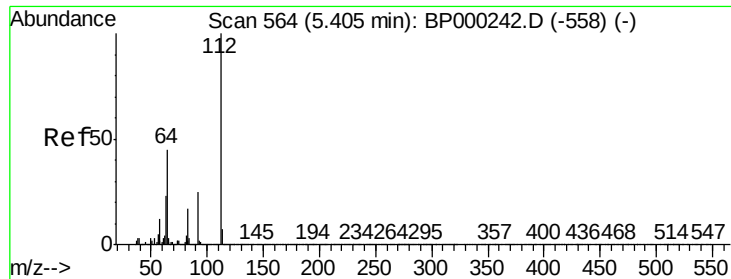
Delta R.T. 0.09 min

Lab File: BP000457.D

Acq: 27 Sep 2019 15:07

Tgt Ion:	42	Resp:	182875
Ion Ratio	Lower	Upper	
42	100		
74	190.4	154.5	231.7
44	6.5	5.9	8.9





#5

2-Fluorophenol

Concen: 127.609 ng

RT: 5.43 min Scan# 568

Delta R.T. 0.02 min

Lab File: BP000457.D

Acq: 27 Sep 2019 15:07

Instrument :

BNA_P

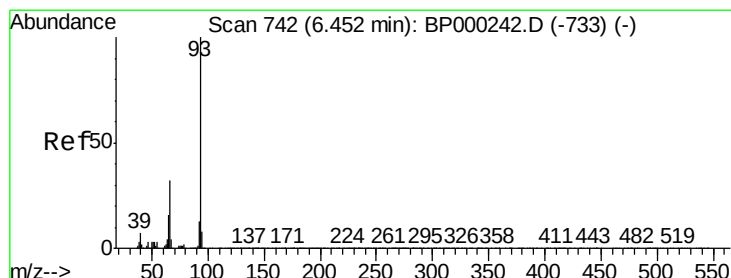
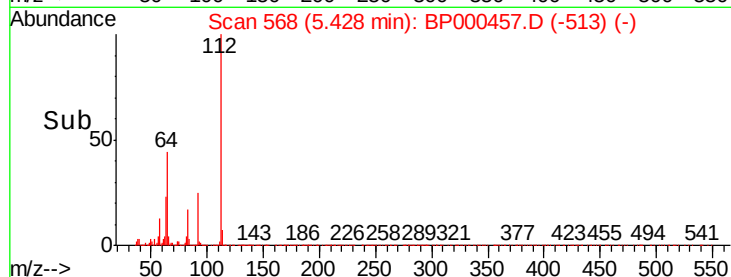
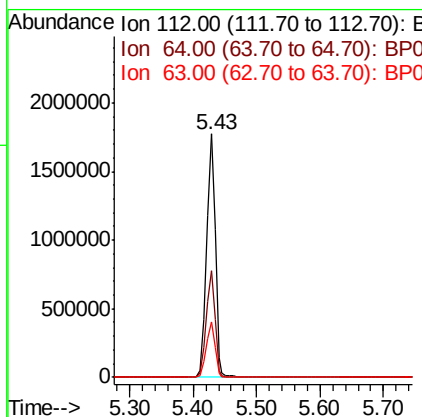
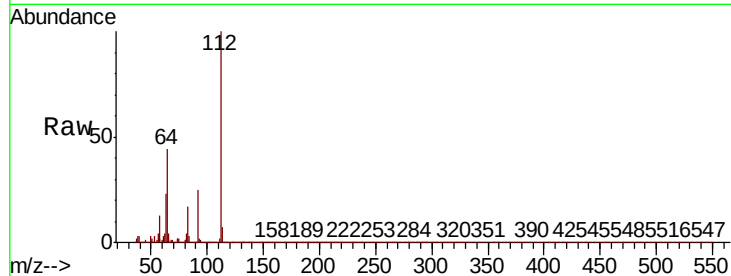
ClientSampleId :

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Tot Ion:	112	Resp:	1682926
Ion	Ratio	Lower	Upper
112	100		
64	43.8	36.2	54.4
63	22.8	18.3	27.5

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#6

Aniline

Concen: 10.400 ng

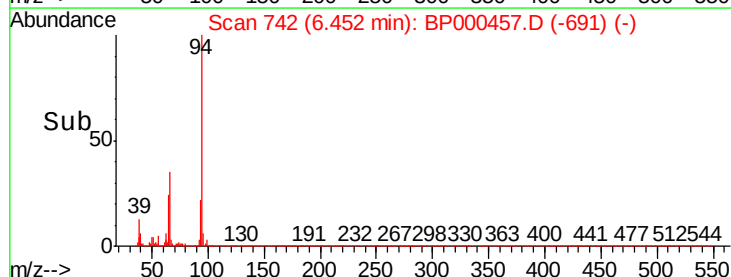
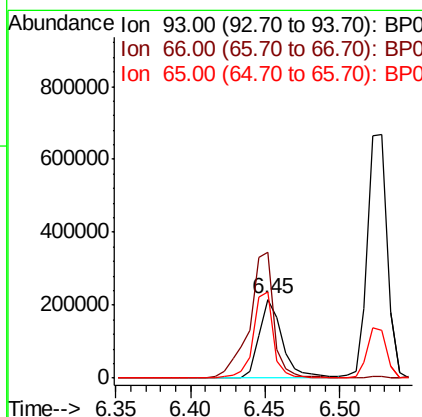
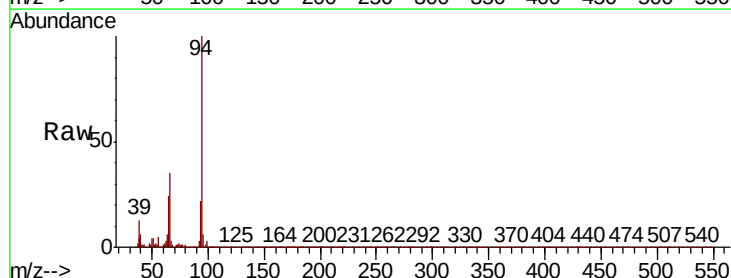
RT: 6.45 min Scan# 742

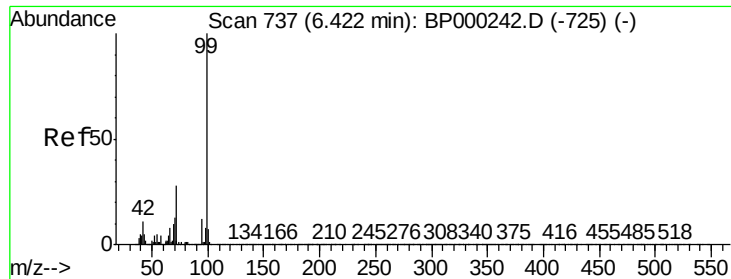
Delta R.T. 0.00 min

Lab File: BP000457.D

Acq: 27 Sep 2019 15:07

Tgt Ion:	93	Resp:	231810
Ion	Ratio	Lower	Upper
93	100		
66	159.4	26.2	39.2#
65	108.9	12.7	19.1#





#7

Phenol-d6

Concen: 131.308 ng

RT: 6.43 min Scan# 739

Delta R.T. 0.01 min

Lab File: BP000457.D

Acq: 27 Sep 2019 15:07

Instrument :

BNA_P

ClientSampleId :

BU-02-092419MS

Tot Ion: 99 Resp: 2122710

Ion Ratio Lower Upper

99 100

42 10.9 8.5 12.7

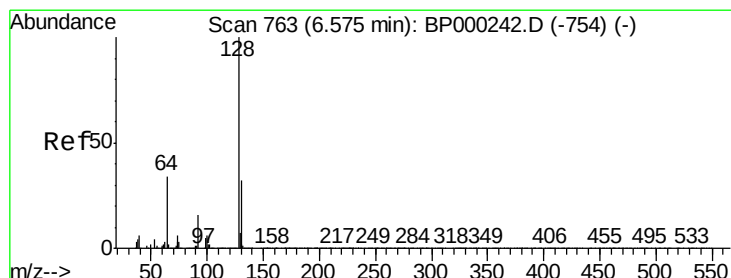
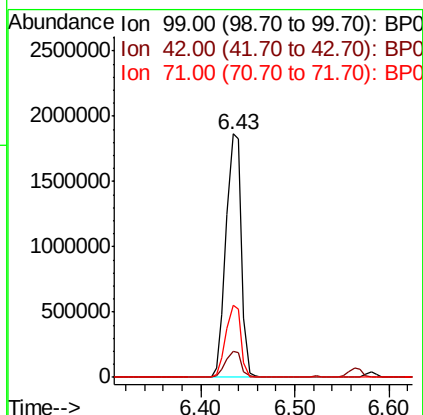
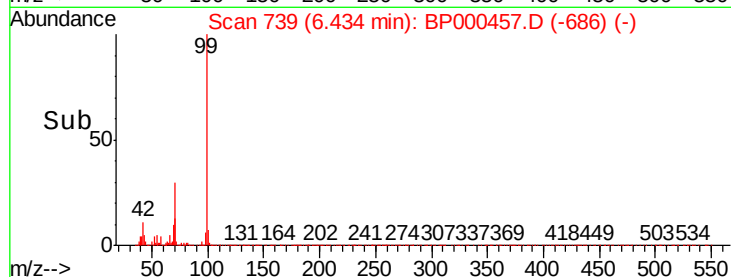
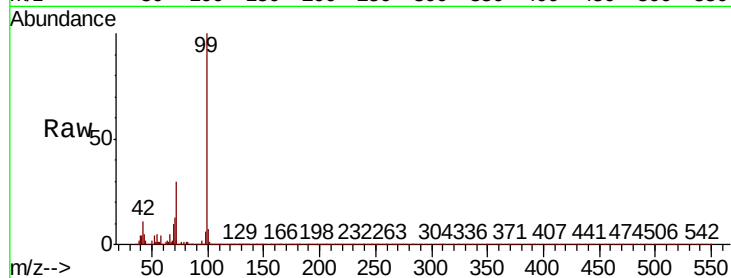
71 29.7 22.6 34.0

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#8

2-Chlorophenol

Concen: 46.169 ng

RT: 6.58 min Scan# 764

Delta R.T. 0.01 min

Lab File: BP000457.D

Acq: 27 Sep 2019 15:07

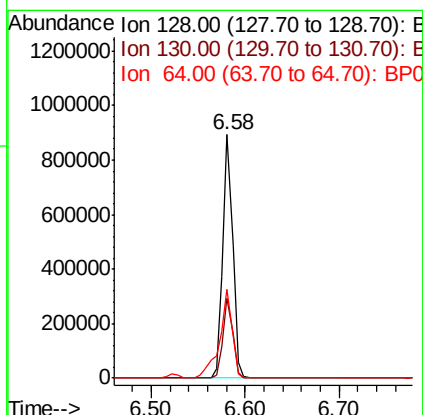
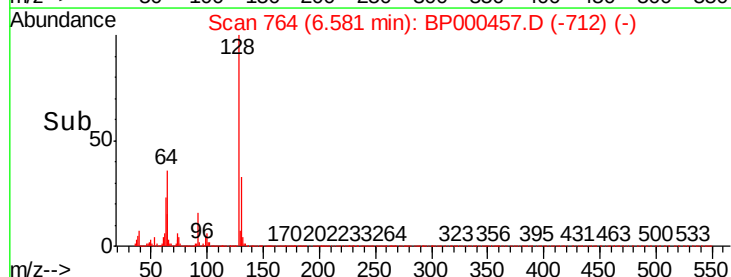
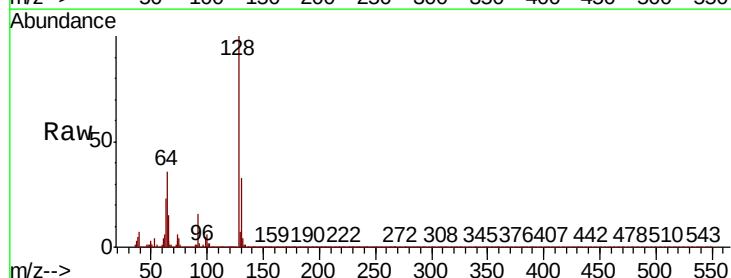
Tgt Ion: 128 Resp: 655661

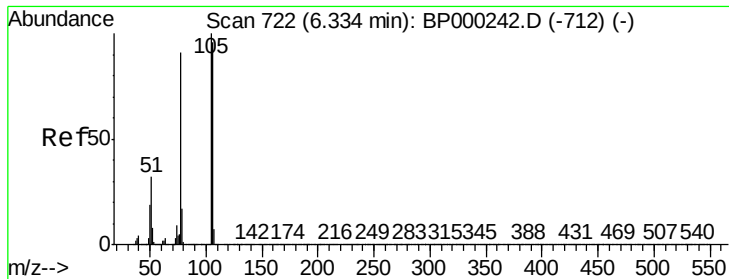
Ion Ratio Lower Upper

128 100

130 32.7 12.5 52.5

64 36.2 16.0 56.0





#9

Benzaldehyde

Concen: 29.019 ng

RT: 6.34 min Scan# 723

Delta R.T. 0.01 min

Lab File: BP000457.D

Acq: 27 Sep 2019 15:07

Instrument :

BNA_P

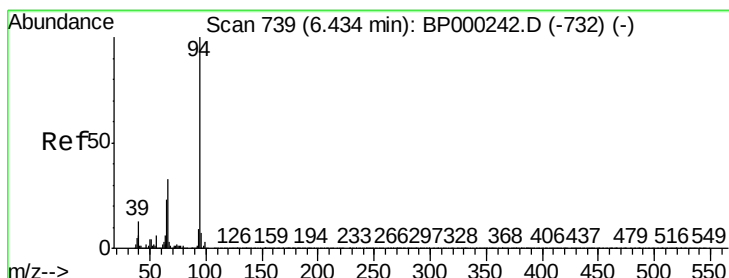
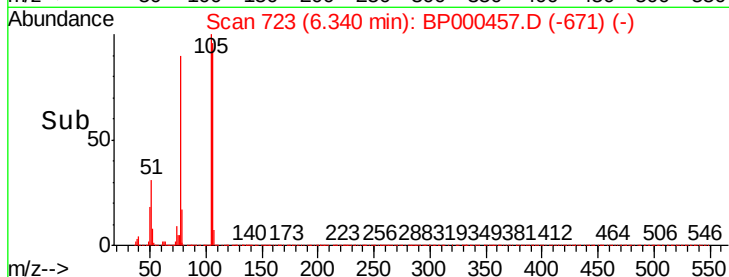
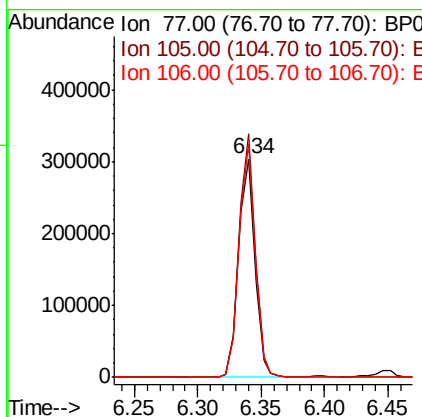
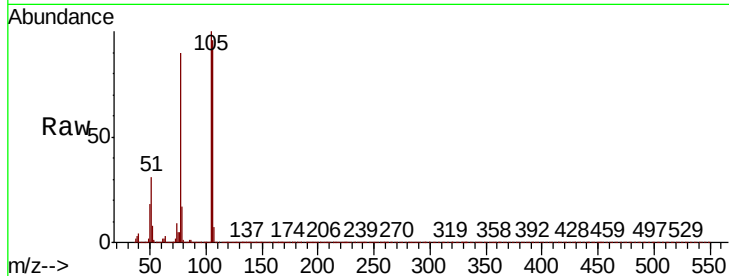
ClientSampleId :

BU-02-092419MS

Tot Ion:	77	Resp:	268543
Ion	Ratio	Lower	Upper
77	100		
105	111.4	89.6	129.6
106	106.8	84.6	124.6

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#10

Phenol

Concen: 42.706 ng

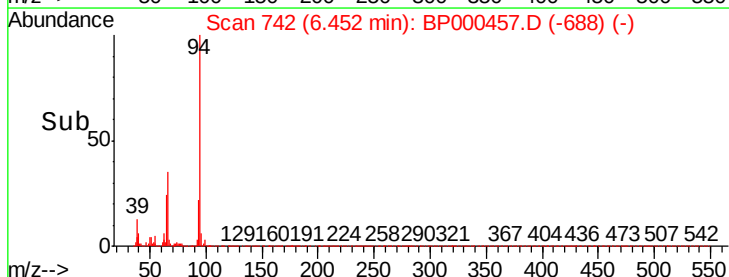
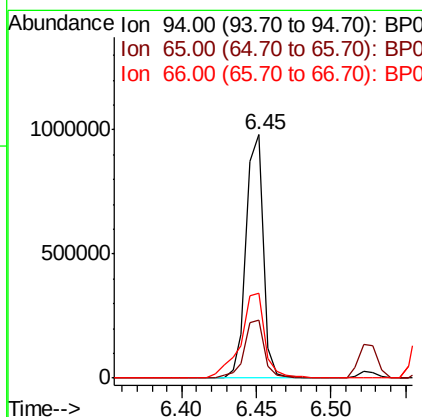
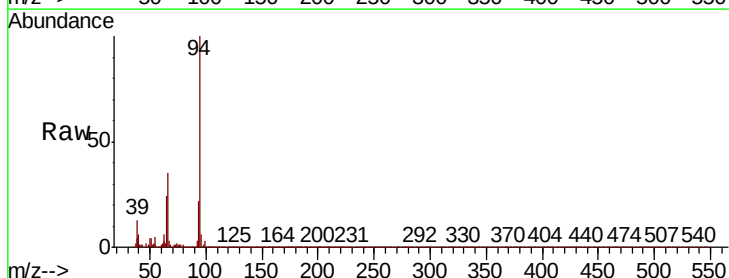
RT: 6.45 min Scan# 742

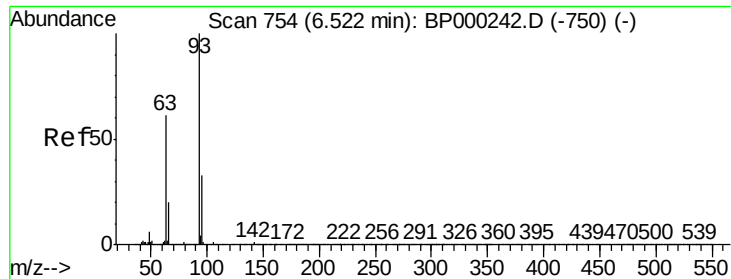
Delta R.T. 0.02 min

Lab File: BP000457.D

Acq: 27 Sep 2019 15:07

Tgt Ion:	94	Resp:	784372
Ion	Ratio	Lower	Upper
94	100		
65	24.0	3.3	43.3
66	35.1	12.7	52.7





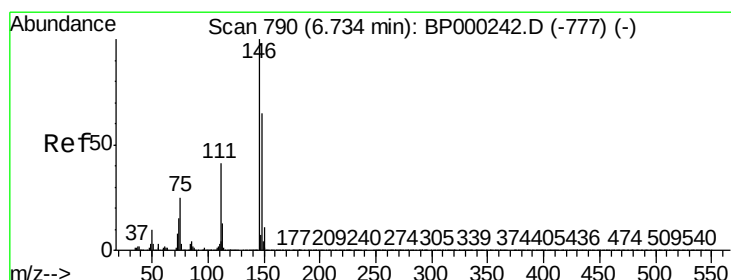
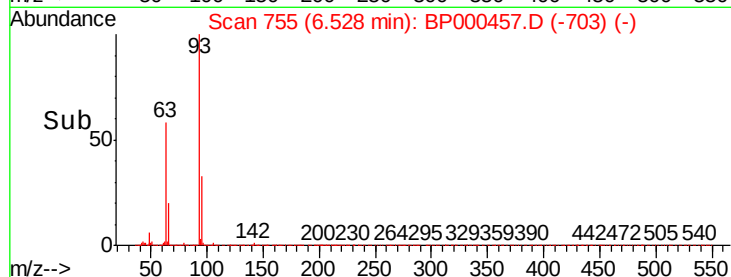
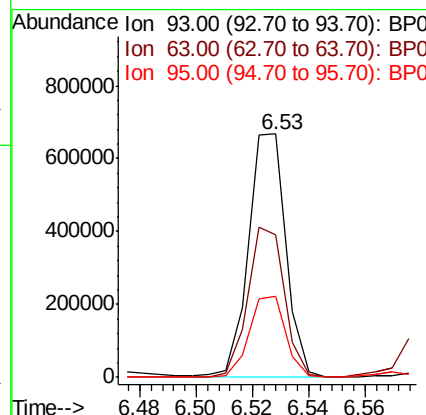
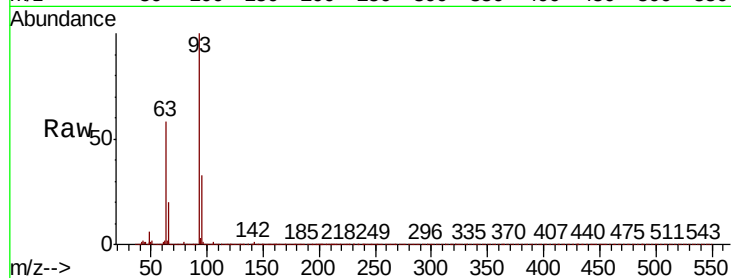
#11
bis(2-Chloroethyl)ether
Concen: 43.523 ng
RT: 6.53 min Scan# 755
Delta R.T. 0.01 min
Lab File: BP000457.D
Acq: 27 Sep 2019 15:07

Instrument :
BNA_P
ClientSampleId :
BU-02-092419MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
93	93	100	612148		
63	63	58.5	41.0	81.0	
95	95	33.1	12.7	52.7	

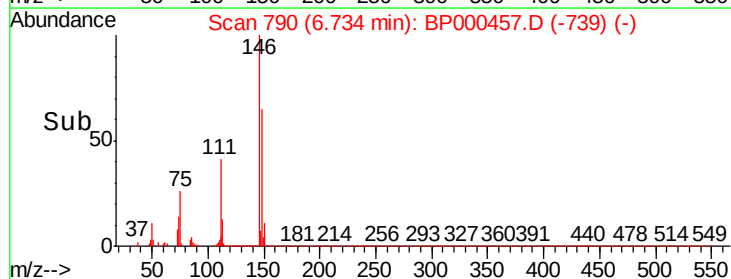
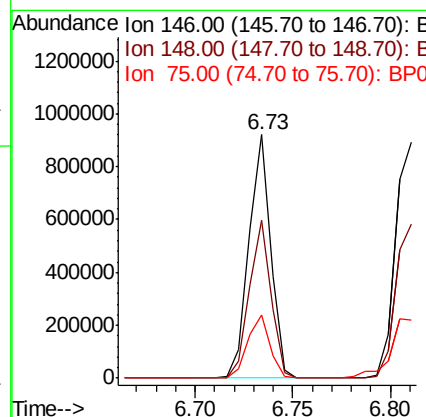
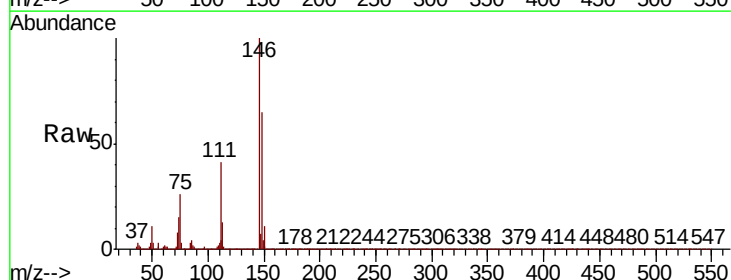
Manual Integrations
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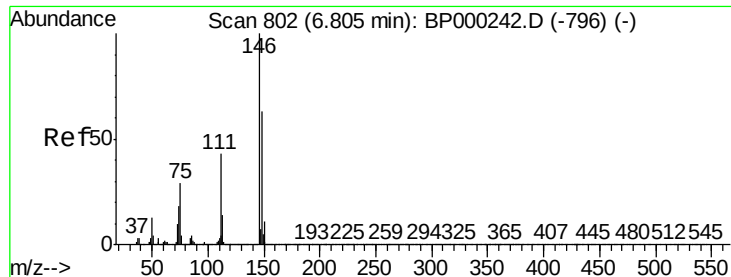
mohammad
9/30/2019 8:15:04 AM



#12
1,3-Dichlorobenzene
Concen: 41.937 ng
RT: 6.73 min Scan# 790
Delta R.T. -0.00 min
Lab File: BP000457.D
Acq: 27 Sep 2019 15:07

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
146	146	100	714684		
148	148	64.7	52.1	78.1	
75	75	25.7	20.2	30.4	





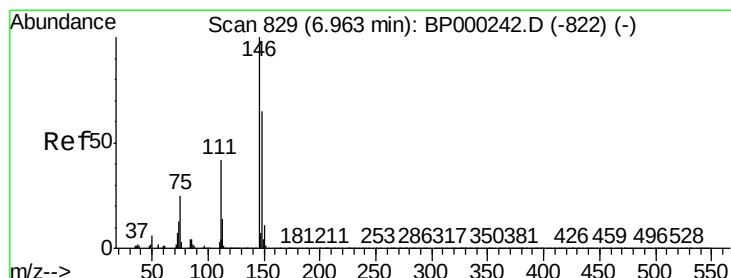
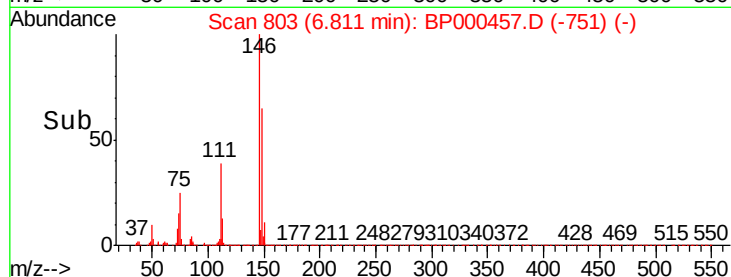
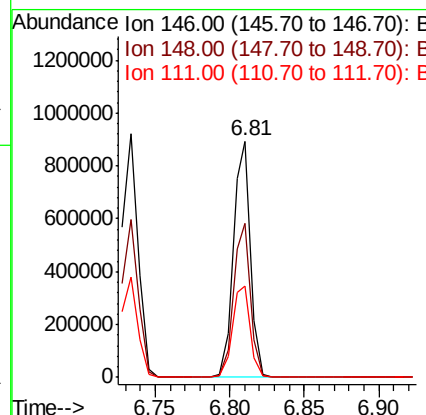
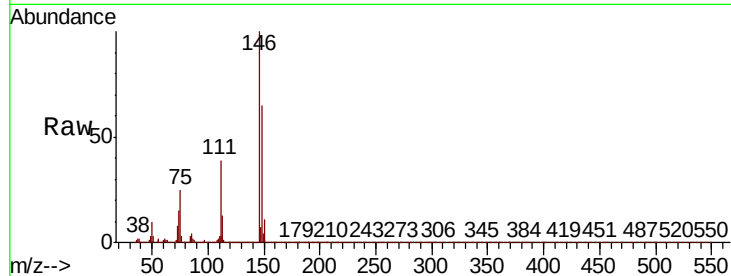
#13
1,4-Dichlorobenzene
Concen: 42.746 ng
RT: 6.81 min Scan# 803
Delta R.T. 0.01 min
Lab File: BP000457.D
Acq: 27 Sep 2019 15:07

Instrument :
BNA_P
ClientSampleId :
BU-02-092419MS

Tot Ion	Ratio	Lower	Upper
146	100		
148	65.2	50.7	76.1
111	38.8	34.1	51.1

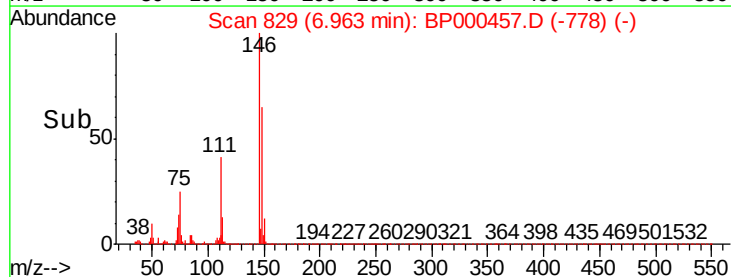
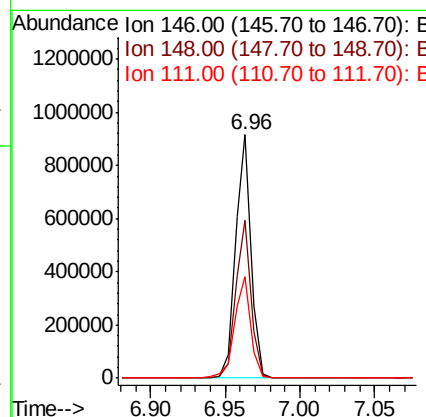
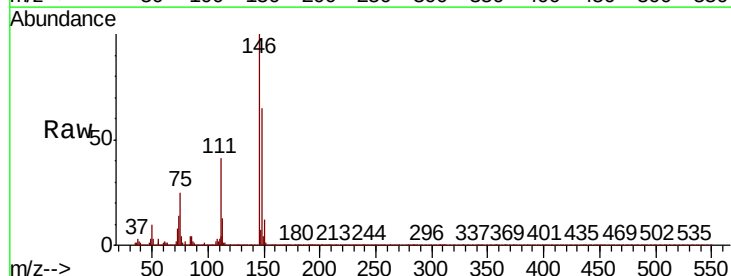
Manual Integrations
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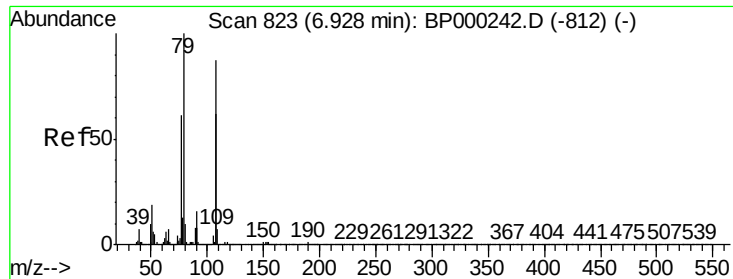
mohammad
9/30/2019 8:15:04 AM



#14
1,2-Dichlorobenzene
Concen: 43.376 ng
RT: 6.96 min Scan# 829
Delta R.T. -0.00 min
Lab File: BP000457.D
Acq: 27 Sep 2019 15:07

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.0	51.7	77.5
111	41.5	33.4	50.2





#15

Benzyl Alcohol

Concen: 44.951 ng

RT: 6.93 min Scan# 824

Delta R.T. 0.01 min

Lab File: BP000457.D

Acq: 27 Sep 2019 15:07

Instrument :

BNA_P

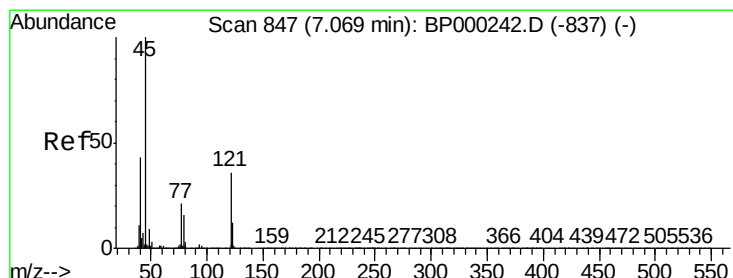
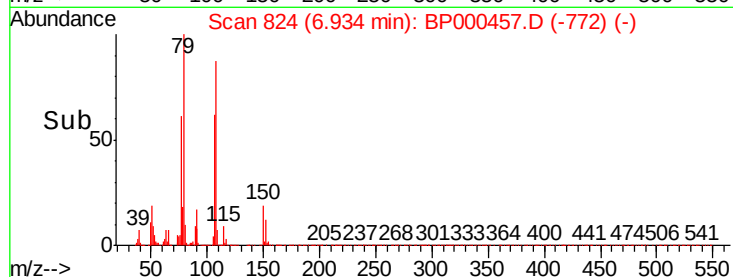
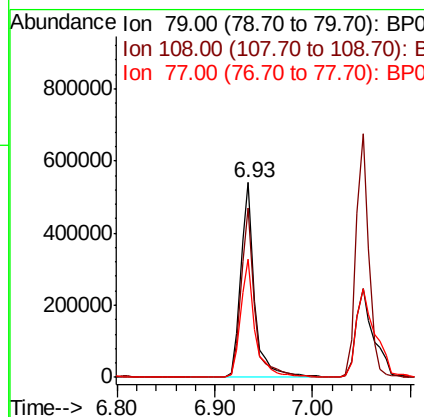
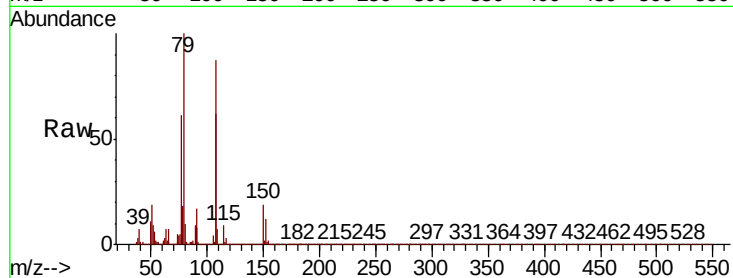
ClientSampleId :

BU-02-092419MS

Tot Ion:	79	Resp:	528813
Ion Ratio	Lower	Upper	
79	100		
108	87.1	69.2	103.8
77	60.9	48.7	73.1

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 41.232 ng

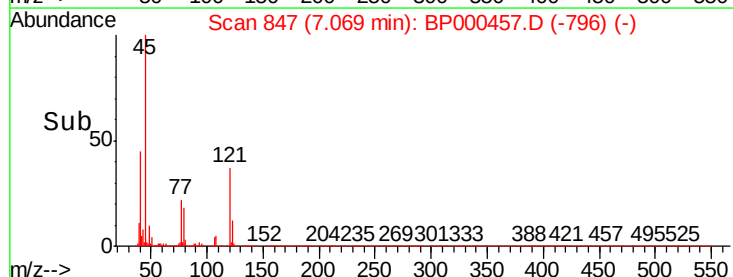
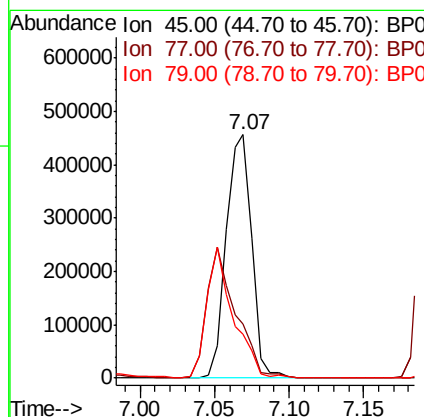
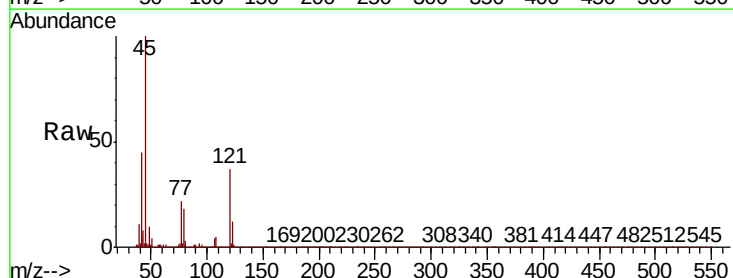
RT: 7.07 min Scan# 847

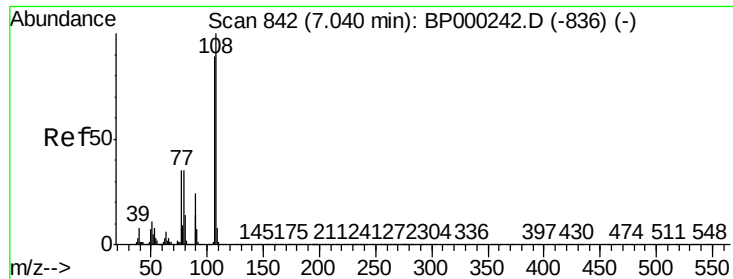
Delta R.T. 0.00 min

Lab File: BP000457.D

Acq: 27 Sep 2019 15:07

Tgt Ion:	45	Resp:	549811
Ion Ratio	Lower	Upper	
45	100		
77	22.1	0.7	40.7
79	17.9	0.0	36.4





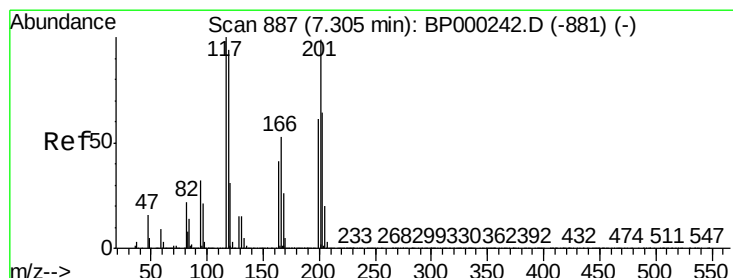
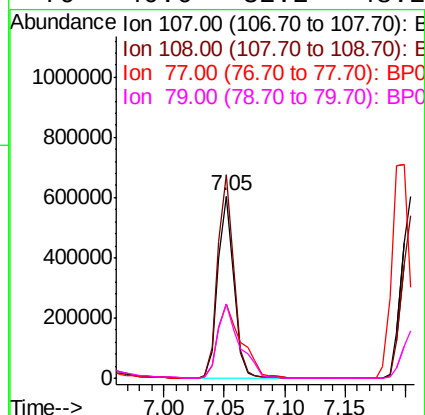
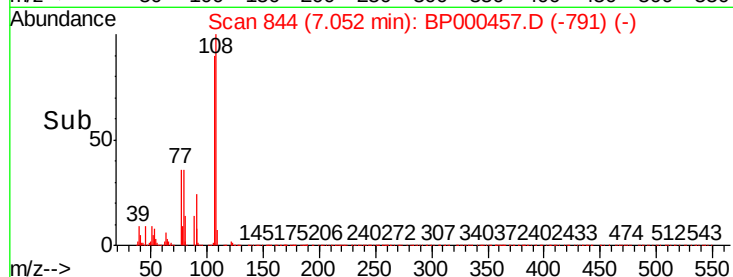
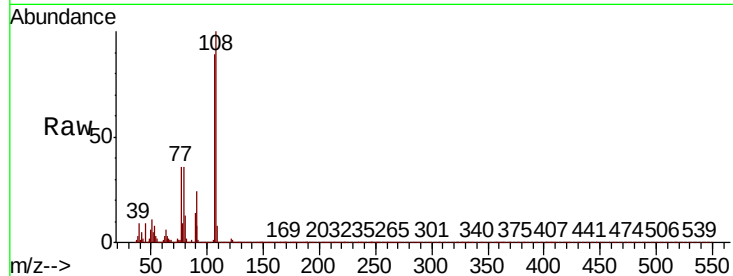
#17
2-Methylphenol
Concen: 44.959 ng
RT: 7.05 min Scan# 844
Delta R.T. 0.01 min
Lab File: BP000457.D
Acq: 27 Sep 2019 15:07

Instrument :
BNA_P
ClientSampleId :
BU-02-092419MS

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	111.9	90.1	135.1	
77	40.7	31.5	47.3	
79	40.6	32.2	48.2	

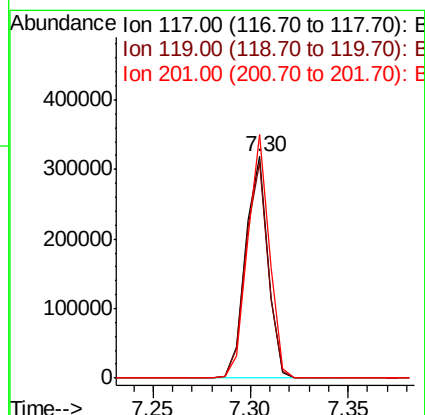
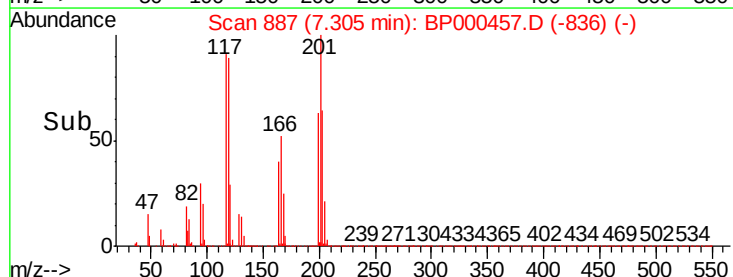
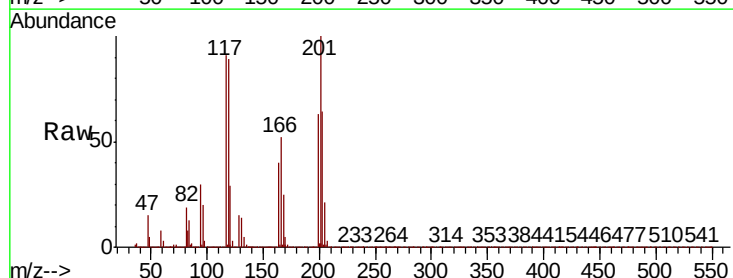
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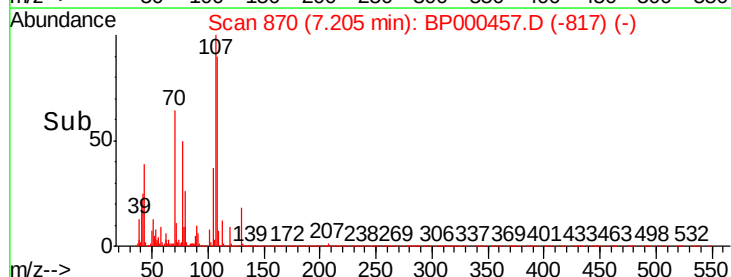
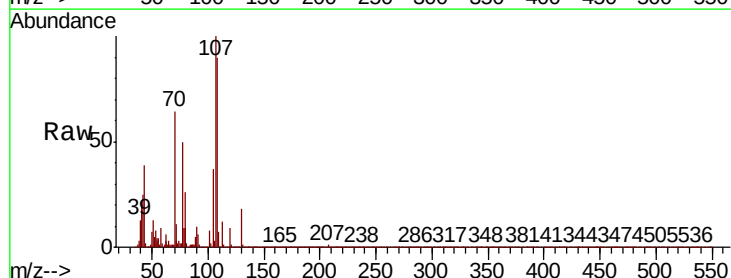
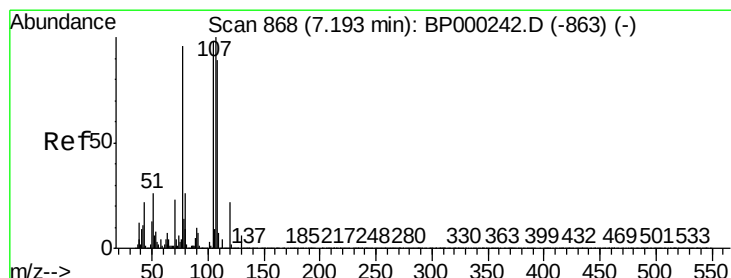
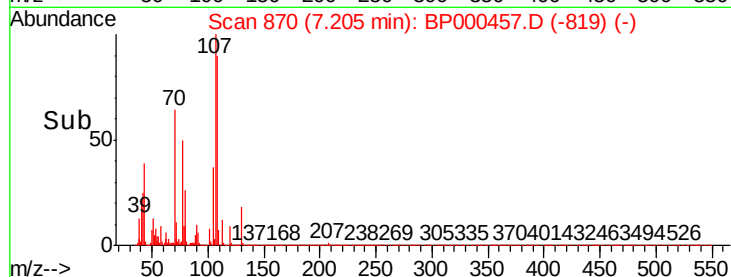
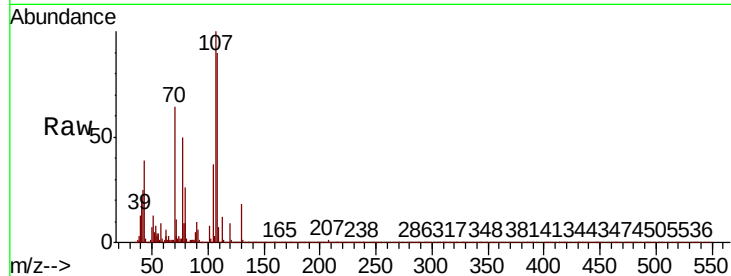
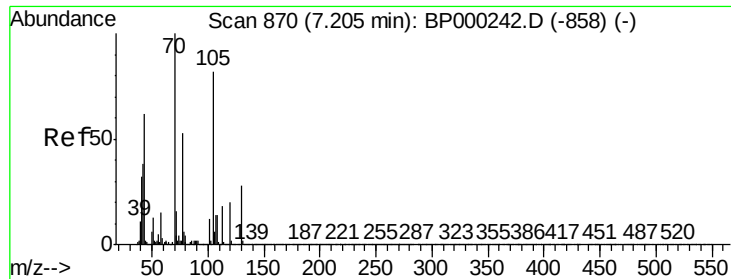
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#18
Hexachloroethane
Concen: 40.444 ng
RT: 7.30 min Scan# 887
Delta R.T. 0.00 min
Lab File: BP000457.D
Acq: 27 Sep 2019 15:07

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	97.2	75.6	113.4	
201	109.8	79.4	119.2	





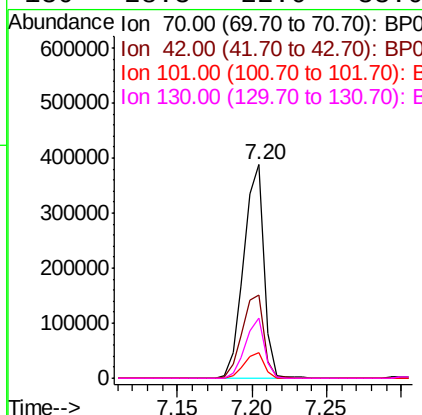
#19
n-Nitroso-di-n-propylamine
Concen: 42.740 ng
RT: 7.20 min Scan# 870
Delta R.T. 0.00 min
Lab File: BP000457.D
Acq: 27 Sep 2019 15:07

Instrument :
BNA_P
ClientSampleId :
BU-02-092419MS

Tot Ion	Ratio	Lower	Upper
70	100		
42	39.1	30.7	46.1
101	12.2	9.6	14.4
130	28.3	22.0	33.0

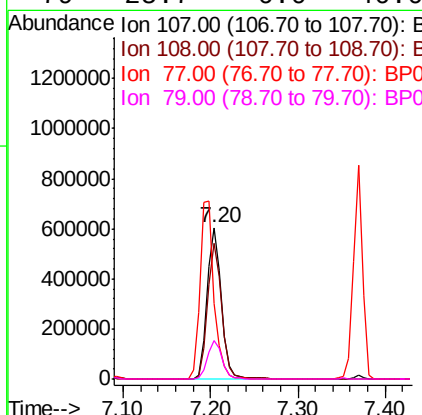
Manual Integrations
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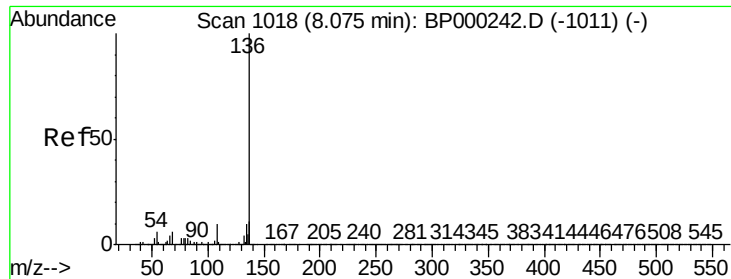
mohammad
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#20
3+4-Methylphenols
Concen: 46.264 ng
RT: 7.20 min Scan# 870
Delta R.T. 0.01 min
Lab File: BP000457.D
Acq: 27 Sep 2019 15:07

Tgt Ion	Ratio	Lower	Upper
107	100		
108	89.5	68.8	108.8
77	49.7	75.7	115.7#
79	25.7	6.0	46.0





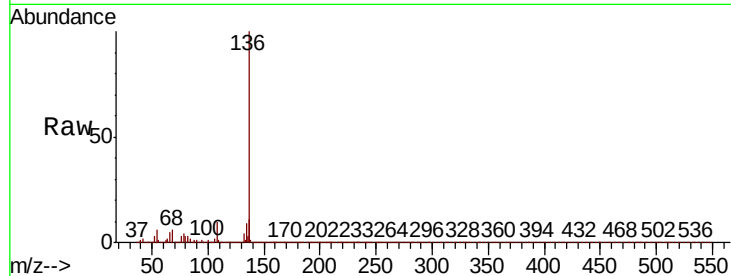
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.07 min Scan# 1017
Delta R.T. -0.01 min
Lab File: BP000457.D
Acq: 27 Sep 2019 15:07

Instrument :
BNA_P
ClientSampleId :
BU-02-092419MS

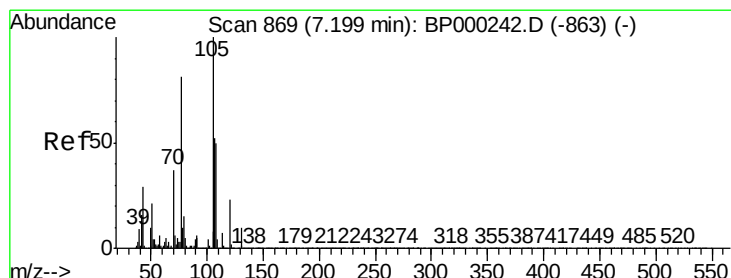
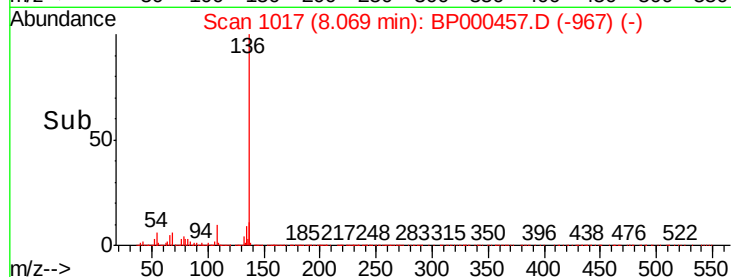
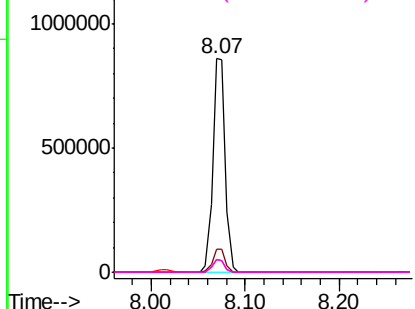
Tot Ion	Ratio	Resp	Lower	Upper
136	100	809267		
137	11.1		8.6	13.0
54	6.1		4.5	6.7
68	6.2		4.5	6.7

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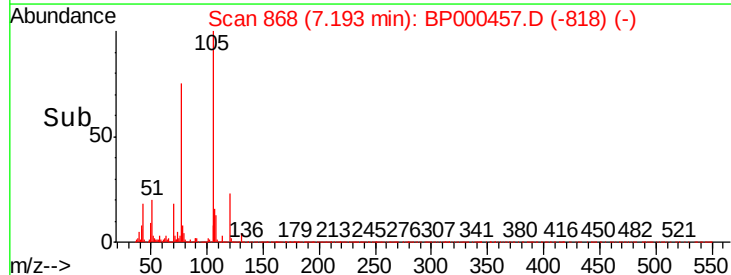
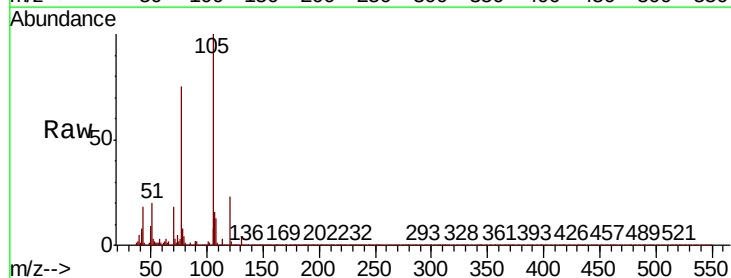
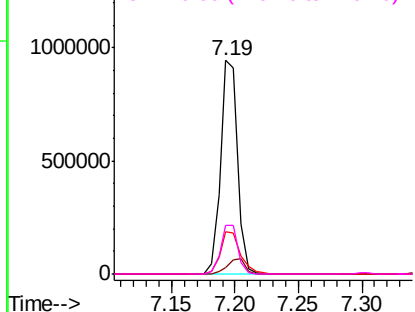
Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BP0
Ion 68.00 (67.70 to 68.70): BP0

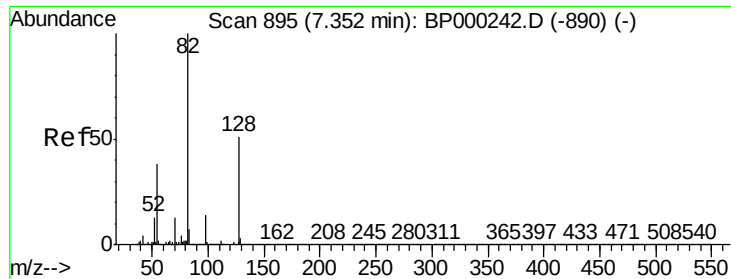


#22
Acetophenone
Concen: 50.638 ng
RT: 7.19 min Scan# 868
Delta R.T. -0.01 min
Lab File: BP000457.D
Acq: 27 Sep 2019 15:07

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	888079		
71	2.9		5.2	7.8#
51	19.6		16.6	24.8
120	22.8		18.5	27.7

Abundance Ion 105.00 (104.70 to 105.70): E
Ion 71.00 (70.70 to 71.70): BP0
Ion 51.00 (50.70 to 51.70): BP0
Ion 120.00 (119.70 to 120.70): E





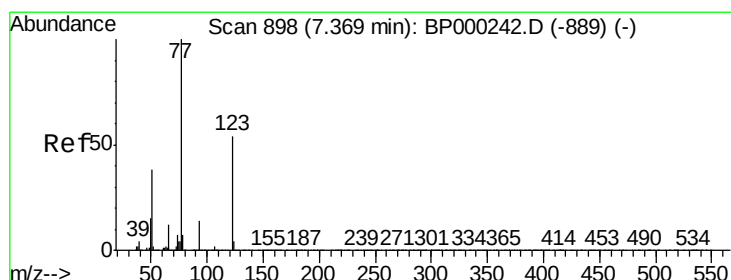
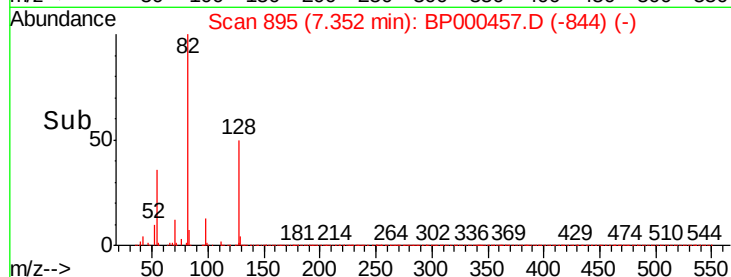
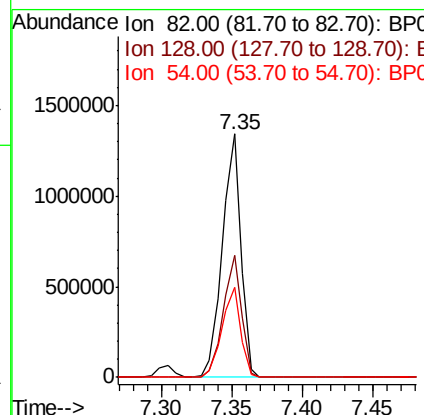
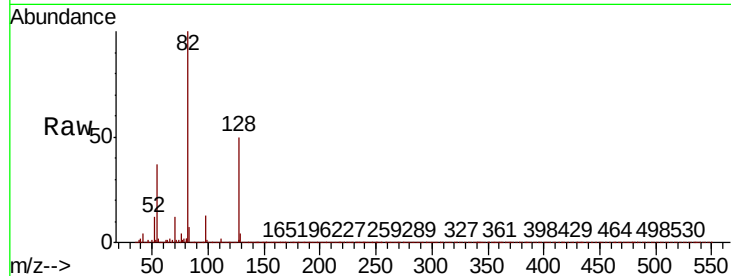
#23
 Nitrobenzene-d5
 Concen: 97.815 ng
 RT: 7.35 min Scan# 895
 Delta R.T. -0.00 min
 Lab File: BP000457.D
 Acq: 27 Sep 2019 15:07

Instrument :
 BNA_P
 ClientSampleId :
 BU-02-092419MS

Tot Ion	82	Resp	1226898
Ion Ratio	Lower	Upper	
82	100		
128	50.1	40.7	61.1
54	37.0	30.1	45.1

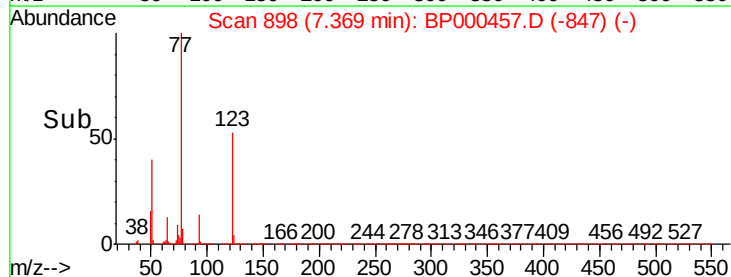
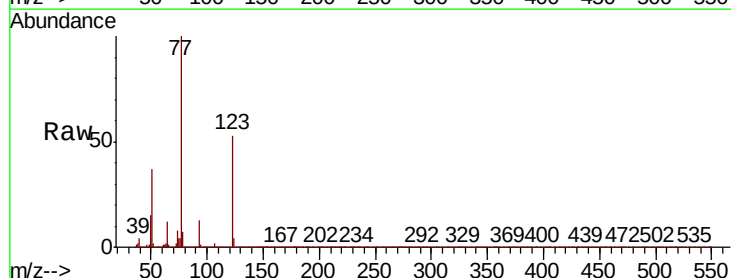
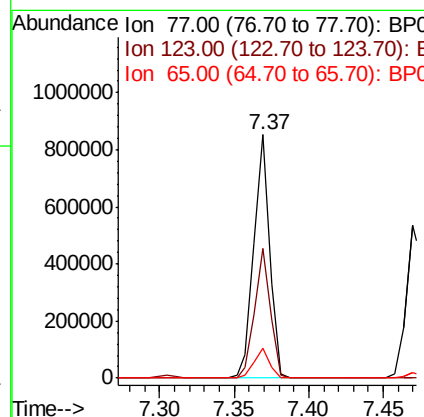
Manual Integrations
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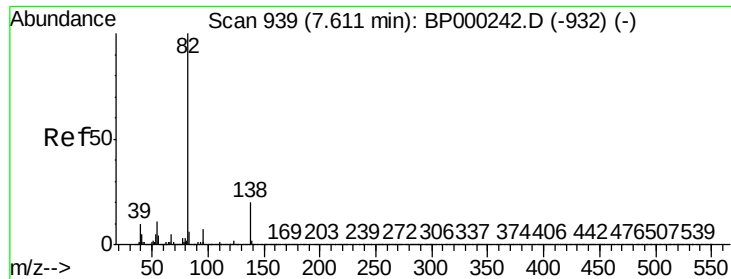
mohammad
 9/30/2019 8:15:04 AM



#24
 Nitrobenzene
 Concen: 47.893 ng
 RT: 7.37 min Scan# 898
 Delta R.T. 0.00 min
 Lab File: BP000457.D
 Acq: 27 Sep 2019 15:07

Tgt Ion	77	Resp	623953
Ion Ratio	Lower	Upper	
77	100		
123	53.2	43.1	64.7
65	12.0	9.4	14.2





#25

Isophorone

Concen: 46.558 ng

RT: 7.61 min Scan# 939

Delta R.T. 0.00 min

Lab File: BP000457.D

Acq: 27 Sep 2019 15:07

Instrument :

BNA_P

ClientSampleId :

BU-02-092419MS

Tot Ion: 82 Resp: 1156343

Ion Ratio Lower Upper

82 100

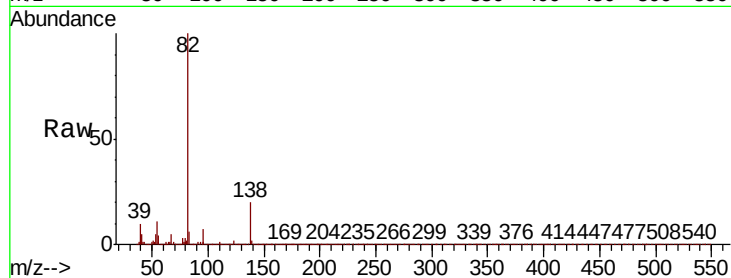
95 7.4 5.9 8.9

138 20.1 15.9 23.9

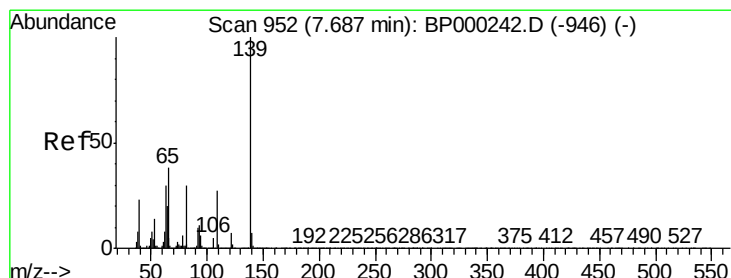
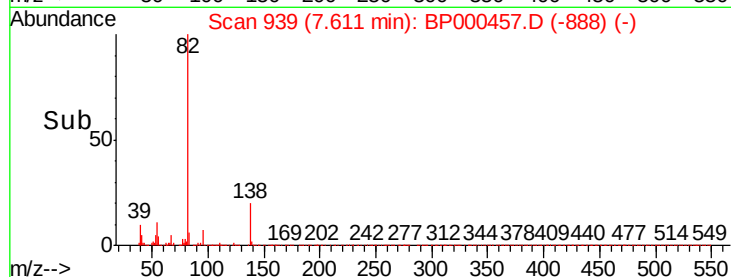
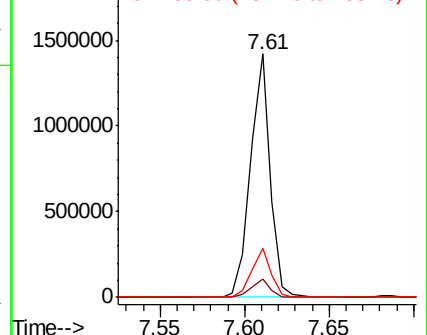
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Abundance Ion 82.00 (81.70 to 82.70): BP0
Ion 95.00 (94.70 to 95.70): BP0
Ion 138.00 (137.70 to 138.70): E



#26

2-Nitrophenol

Concen: 49.320 ng

RT: 7.69 min Scan# 952

Delta R.T. 0.00 min

Lab File: BP000457.D

Acq: 27 Sep 2019 15:07

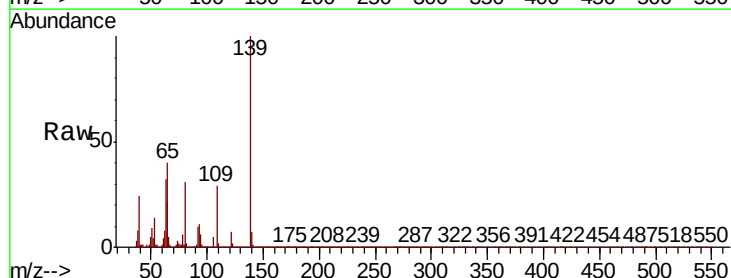
Tgt Ion: 139 Resp: 340641

Ion Ratio Lower Upper

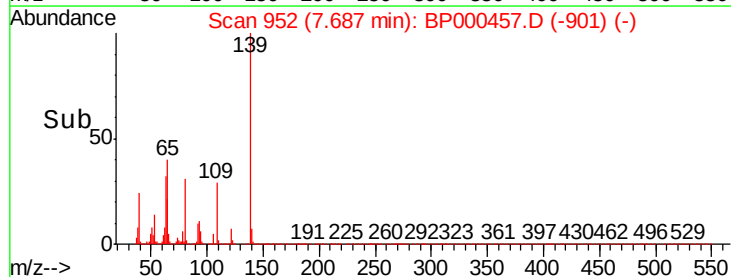
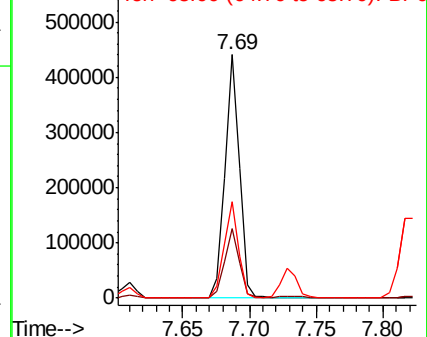
139 100

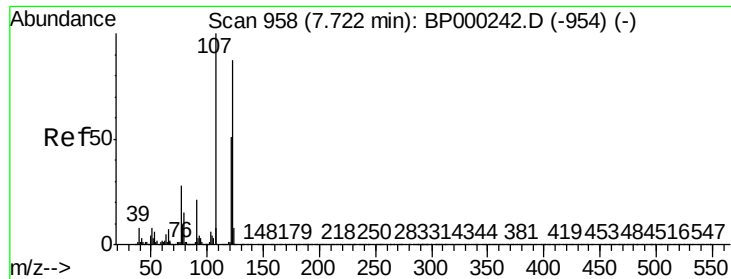
109 28.7 21.8 32.6

65 39.6 30.5 45.7



Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BP0





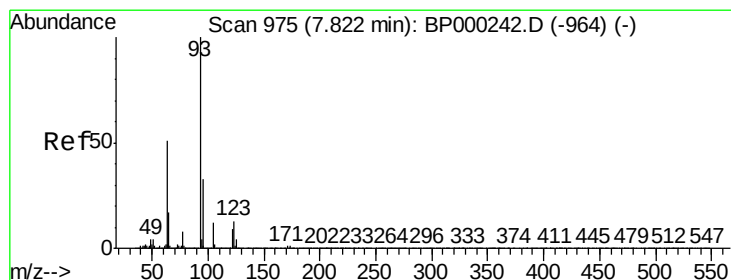
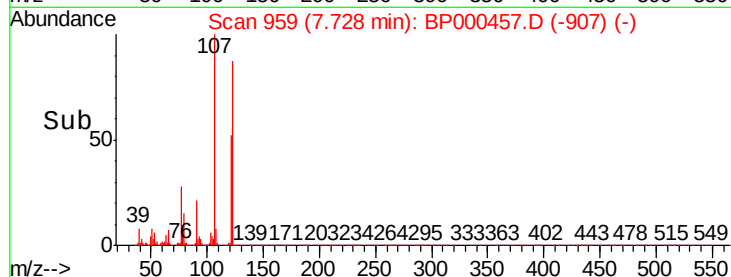
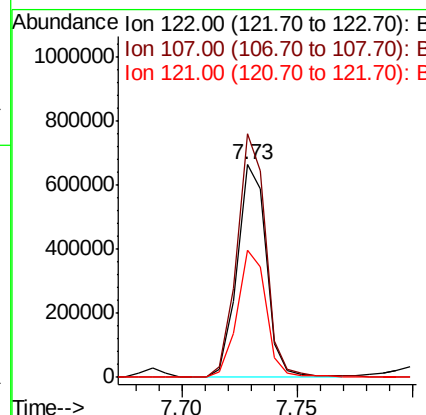
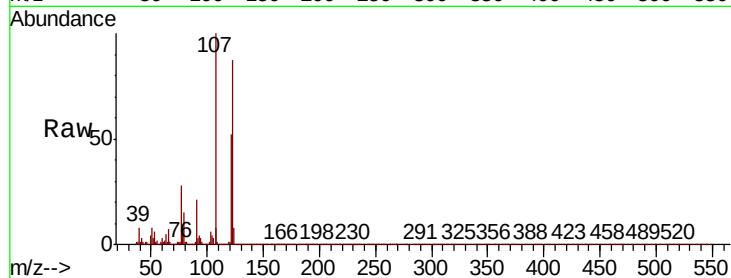
#27
2,4-Dimethylphenol
Concen: 53.265 ng
RT: 7.73 min Scan# 959
Delta R.T. 0.01 min
Lab File: BP000457.D
Acq: 27 Sep 2019 15:07

Instrument :
BNA_P
ClientSampleId :
BU-02-092419MS

Tot Ion	Ratio	Resp	Lower	Upper
122	100			
107	114.4	91.5	137.3	
121	59.5	46.9	70.3	

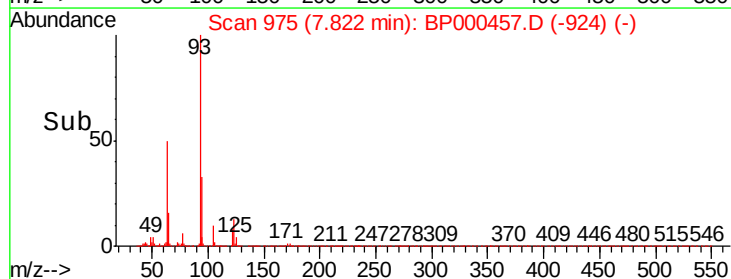
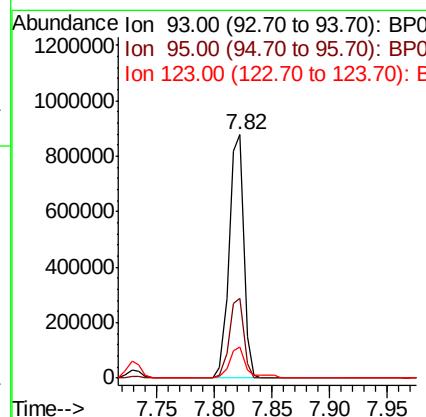
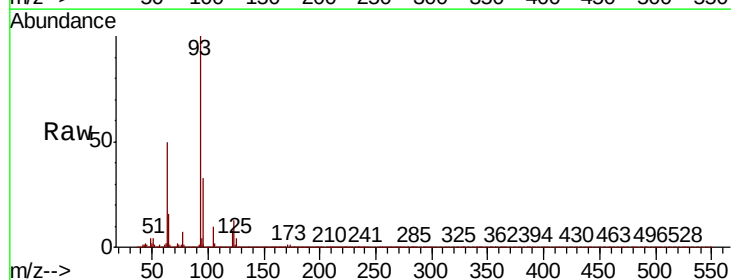
Manual Integrations
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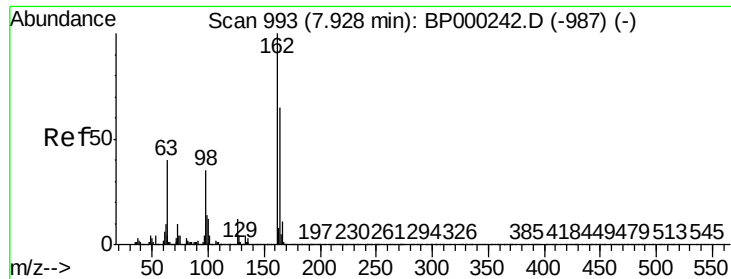
mohammad
9/30/2019 8:15:04 AM



#28
bis(2-Chloroethoxy)methane
Concen: 46.975 ng
RT: 7.82 min Scan# 975
Delta R.T. 0.00 min
Lab File: BP000457.D
Acq: 27 Sep 2019 15:07

Tgt Ion	Ratio	Resp	Lower	Upper
93	100			
95	32.7	26.2	39.4	
123	13.0	10.2	15.2	





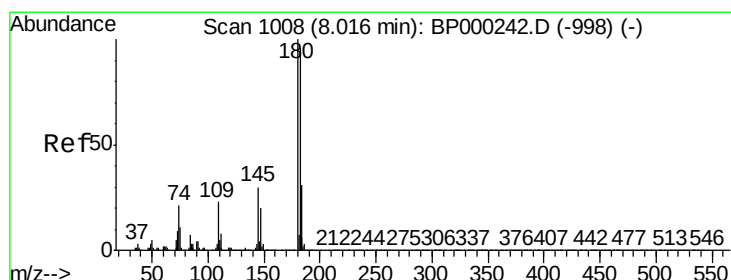
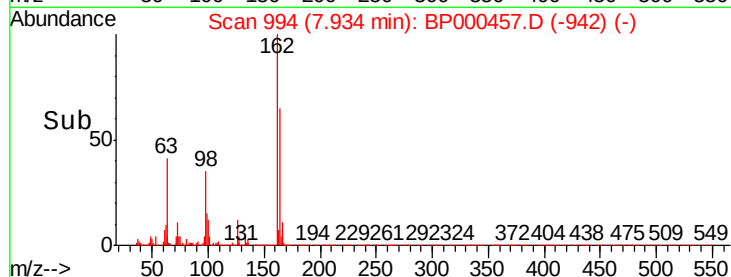
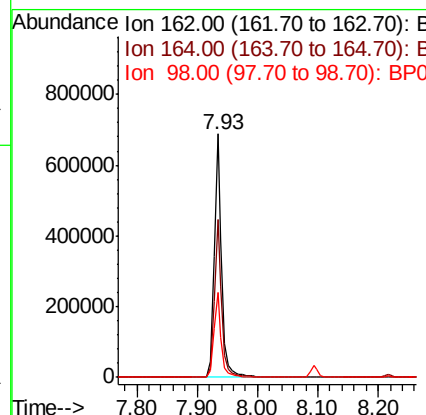
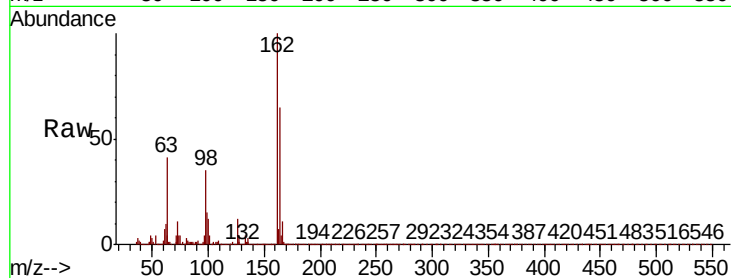
#29
2,4-Dichlorophenol
Concen: 50.116 ng
RT: 7.93 min Scan# 994
Delta R.T. 0.01 min
Lab File: BP000457.D
Acq: 27 Sep 2019 15:07

Instrument :
BNA_P
ClientSampleId :
BU-02-092419MS

Tot Ion:	162	Resp:	590927
Ion Ratio	Lower	Upper	
162	100		
164	65.1	44.5	84.5
98	34.9	15.2	55.2

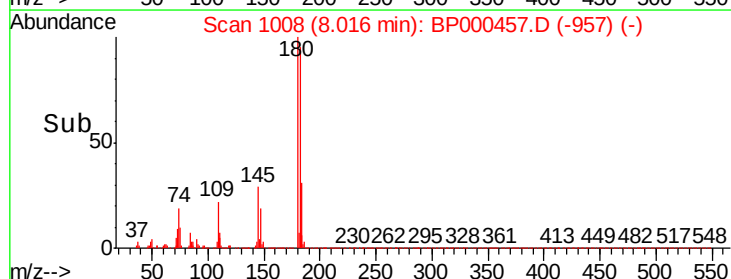
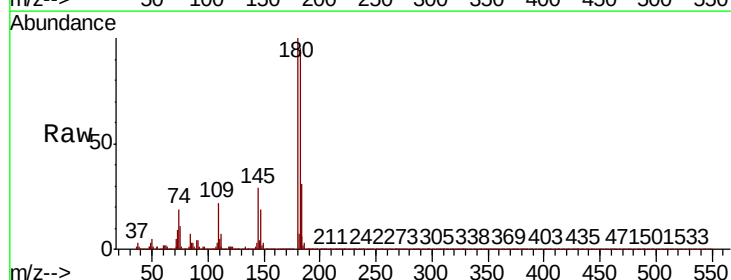
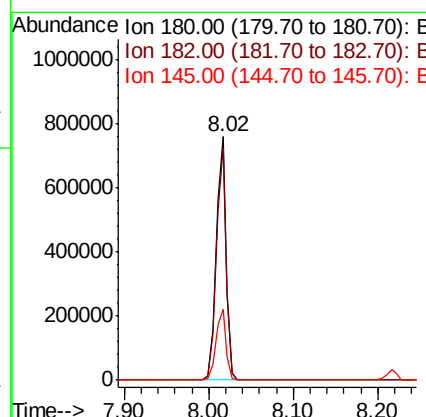
Manual Integrations
APPROVED

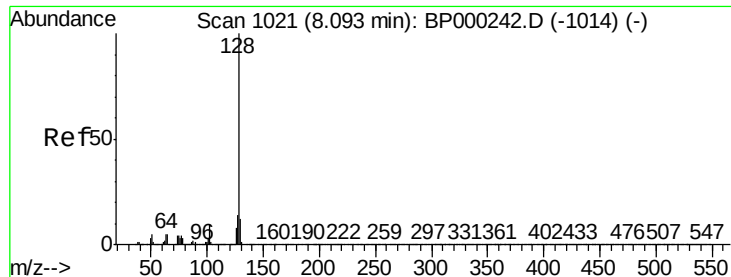
mohammad
9/30/2019 8:15:04 AM



#30
1,2,4-Trichlorobenzene
Concen: 46.998 ng
RT: 8.02 min Scan# 1008
Delta R.T. -0.00 min
Lab File: BP000457.D
Acq: 27 Sep 2019 15:07

Tgt Ion:	180	Resp:	635183
Ion Ratio	Lower	Upper	
180	100		
182	95.3	77.2	115.8
145	28.9	24.3	36.5





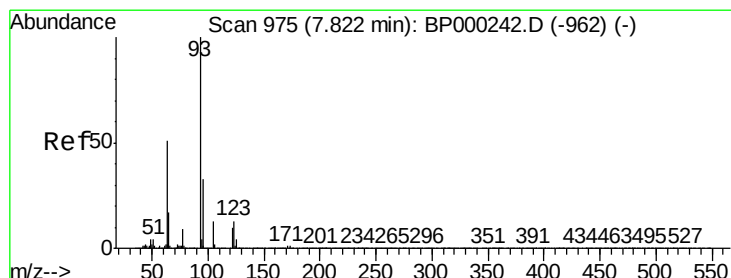
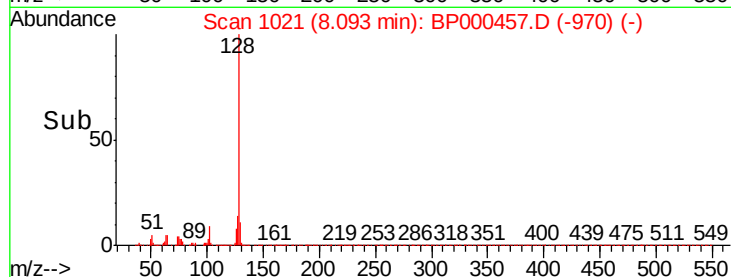
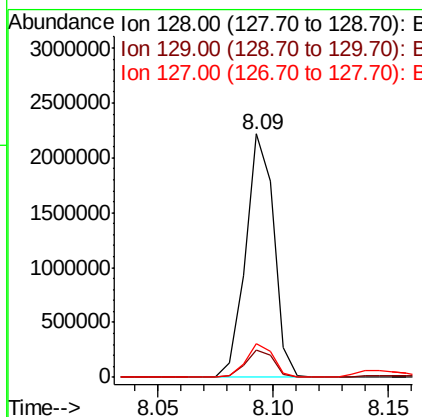
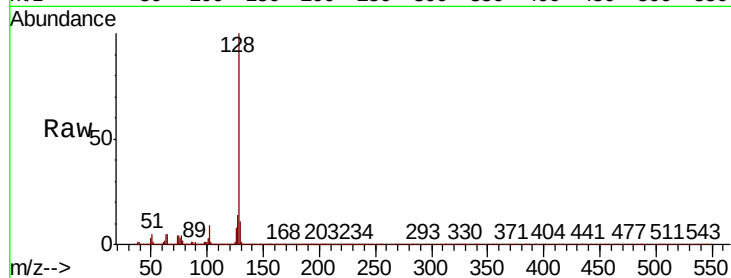
#31
Naphthalene
Concen: 50.495 ng
RT: 8.09 min Scan# 1021
Delta R.T. -0.00 min
Lab File: BP000457.D
Acq: 27 Sep 2019 15:07

Instrument :
BNA_P
ClientSampleId :
BU-02-092419MS

Tot Ion:128	Resp: 1892538
Ion Ratio	Lower Upper
128 100	
129 11.4	9.2 13.8
127 13.6	11.0 16.6

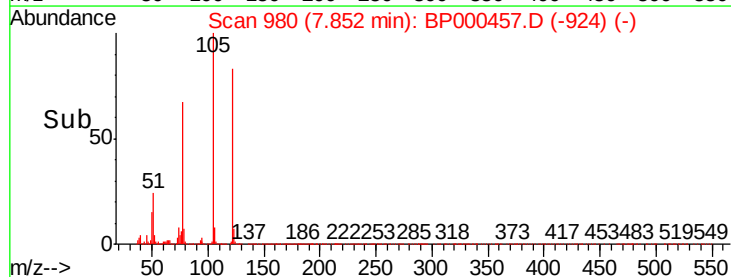
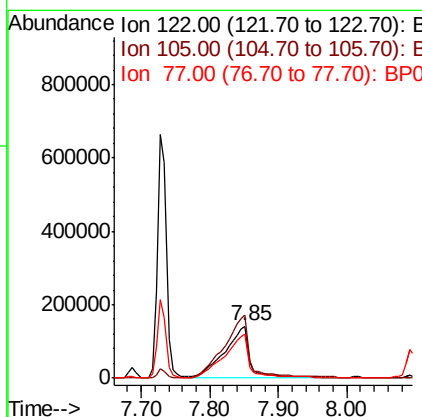
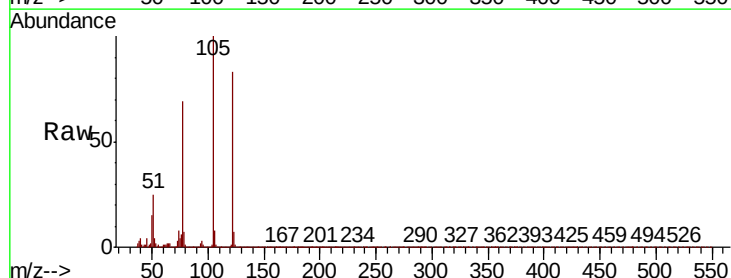
Manual Integrations
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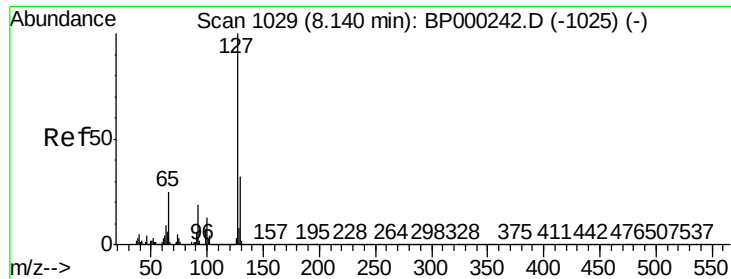
mohammad
9/30/2019 8:15:04 AM



#32
Benzoic acid
Concen: 47.764 ng
RT: 7.85 min Scan# 980
Delta R.T. 0.03 min
Lab File: BP000457.D
Acq: 27 Sep 2019 15:07

Tgt	Ion:122	Resp:	354809
Ion	Ratio	Lower	Upper
122	100		
105	120.5	105.4	145.4
77	83.6	65.3	105.3





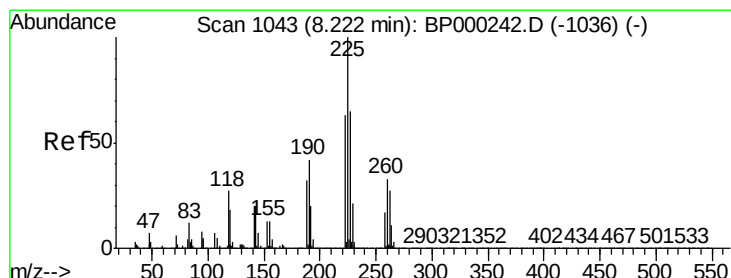
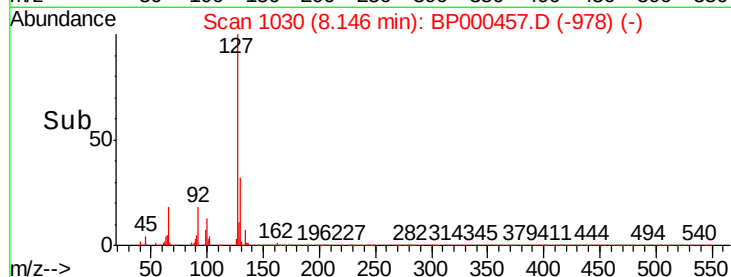
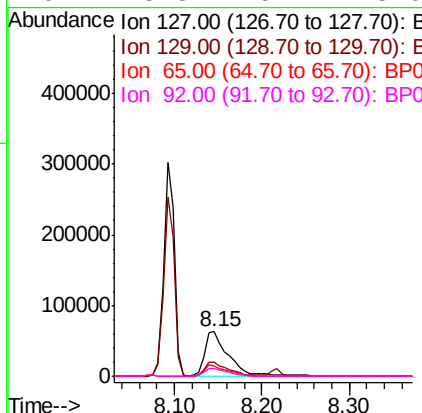
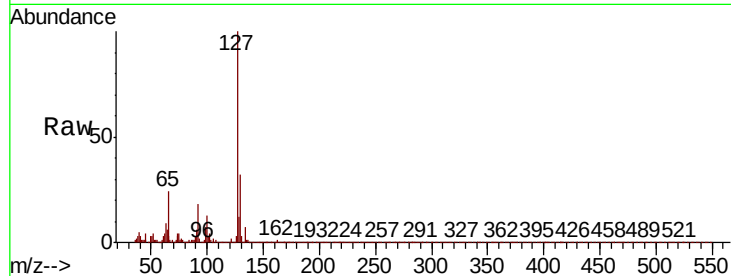
#33
4-Chloroaniline
Concen: 6.901 ng
RT: 8.15 min Scan# 1030
Delta R.T. 0.01 min
Lab File: BP000457.D
Acq: 27 Sep 2019 15:07

Instrument :
BNA_P
ClientSampleId :
BU-02-092419MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	32.4	25.7	38.5		
65	24.4	19.9	29.9		
92	18.3	15.4	23.0		

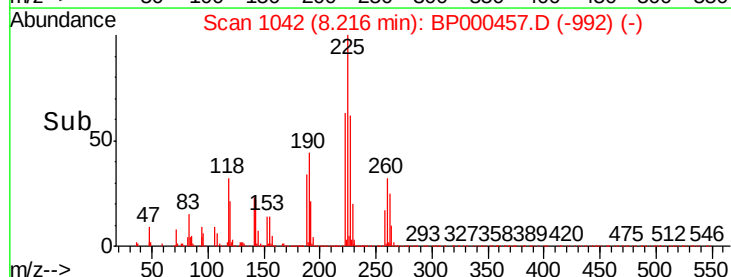
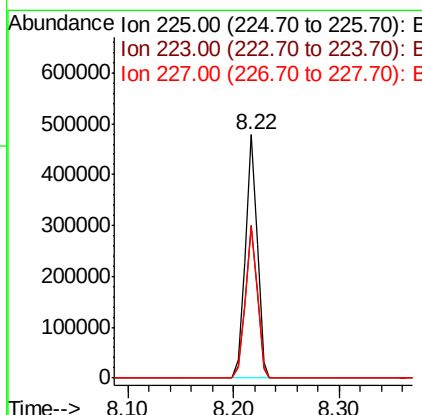
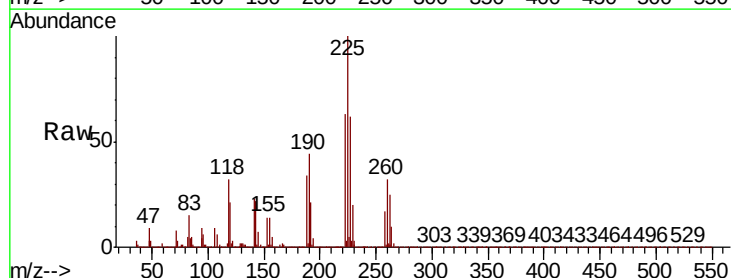
Manual Integrations
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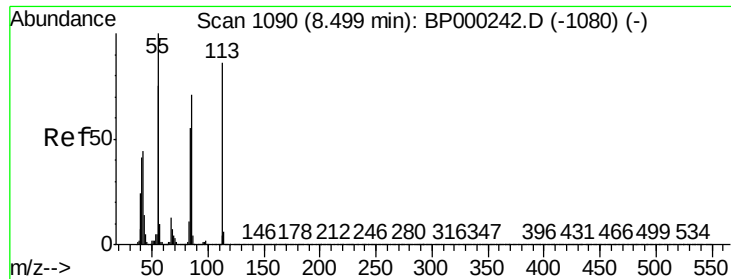
mohammad
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#34
Hexachlorobutadiene
Concen: 45.904 ng
RT: 8.22 min Scan# 1042
Delta R.T. -0.01 min
Lab File: BP000457.D
Acq: 27 Sep 2019 15:07

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	62.8	50.2	75.2		
227	62.2	51.8	77.6		





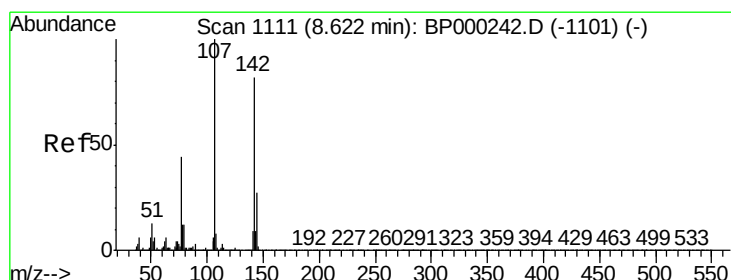
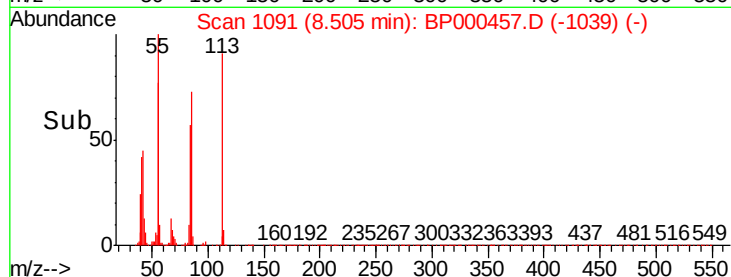
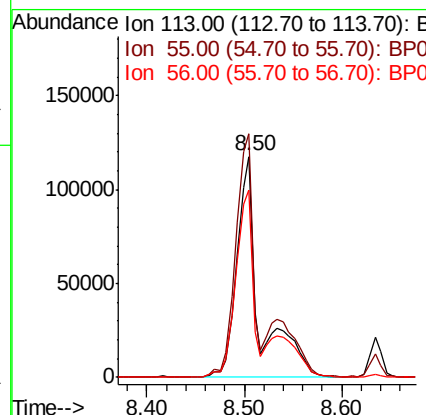
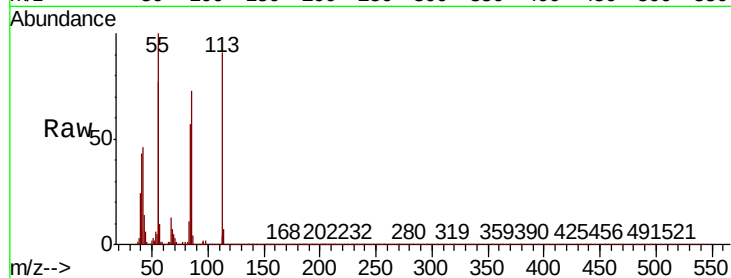
#35
Caprolactam
Concen: 47.706 ng/ml
RT: 8.50 min Scan# 1091
Delta R.T. 0.01 min
Lab File: BP000457.D
Acq: 27 Sep 2019 15:07

Instrument :
BNA_P
ClientSampleId :
BU-02-092419MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
113	100		191351		
55	110.3	96.8	136.8		
56	84.8	67.5	107.5		

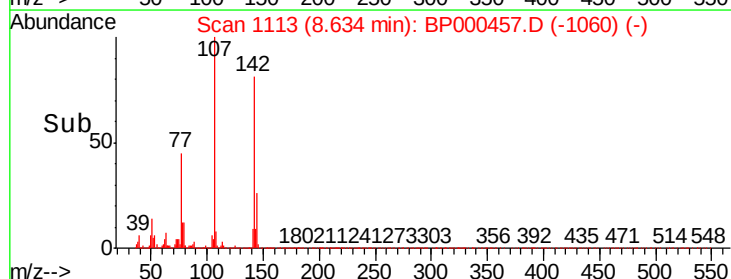
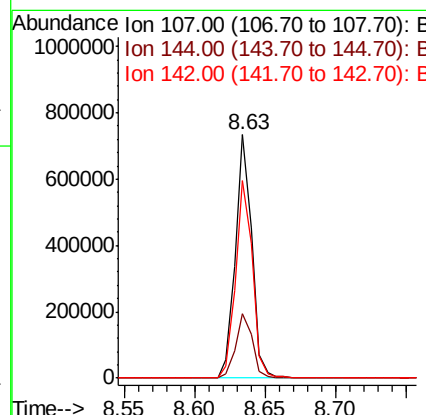
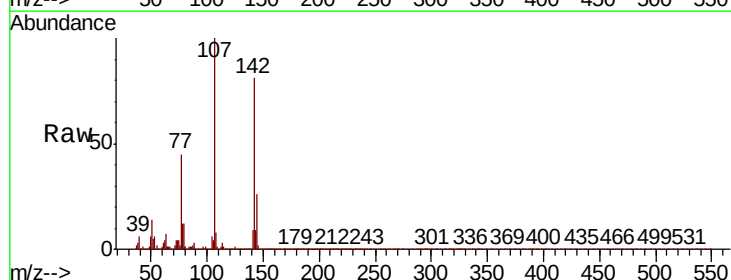
Manual Integrations
APPROVED

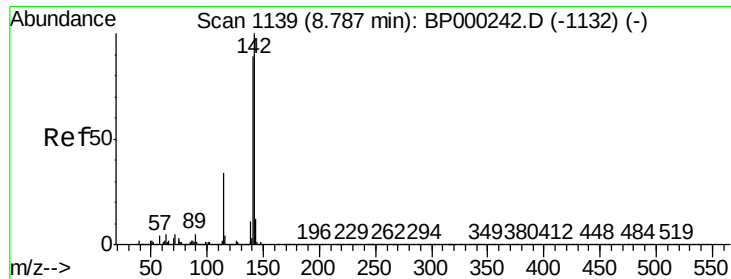
mohammad
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#36
4-Chloro-3-methylphenol
Concen: 49.784 ng/ml
RT: 8.63 min Scan# 1113
Delta R.T. 0.01 min
Lab File: BP000457.D
Acq: 27 Sep 2019 15:07

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100		595902		
144	26.3	21.5	32.3		
142	81.2	65.7	98.5		





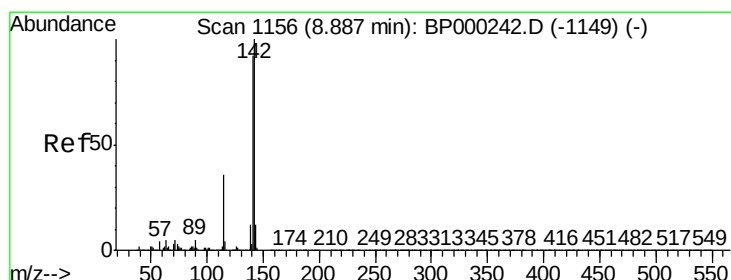
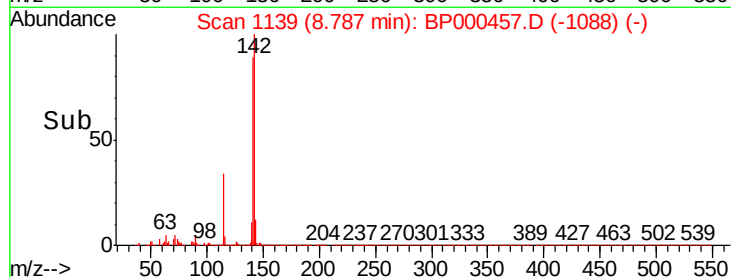
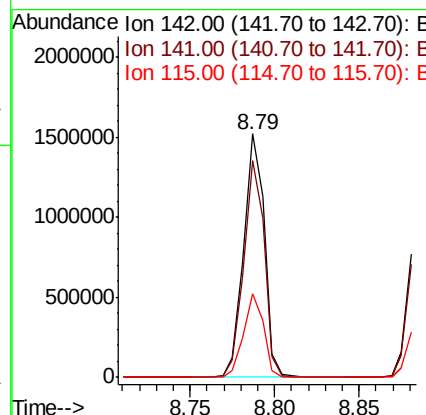
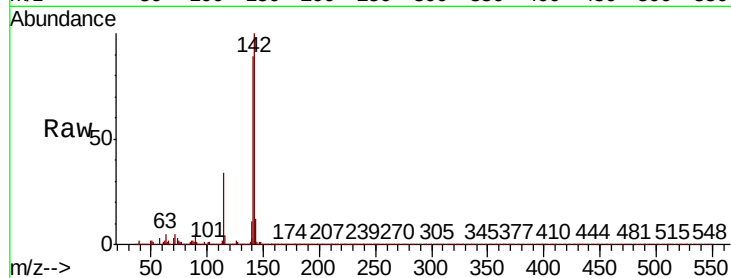
#37
2-Methylnaphthalene
Concen: 50.520 ng
RT: 8.79 min Scan# 1139
Delta R.T. -0.00 min
Lab File: BP000457.D
Acq: 27 Sep 2019 15:07

Instrument :
BNA_P
ClientSampleId :
BU-02-092419MS

Tot Ion	Ratio	Lower	Upper
142	100		
141	88.8	71.3	106.9
115	34.3	27.2	40.8

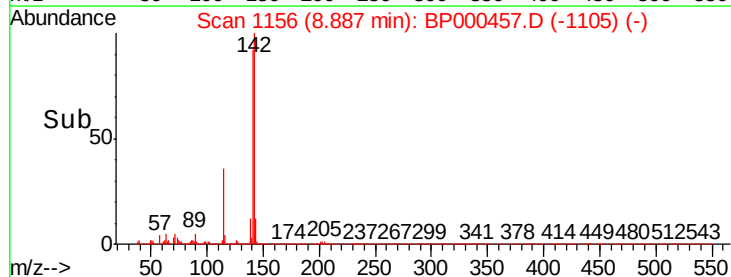
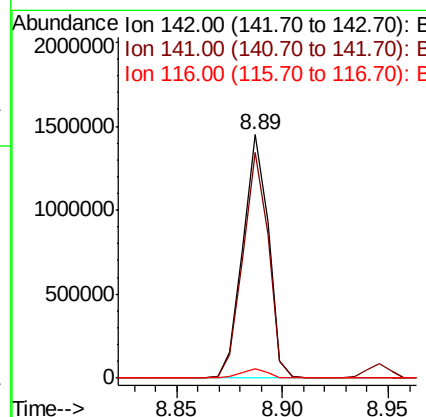
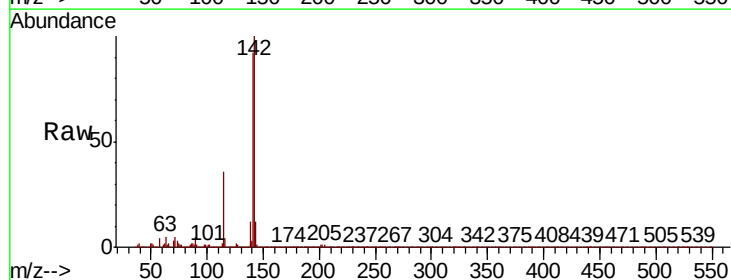
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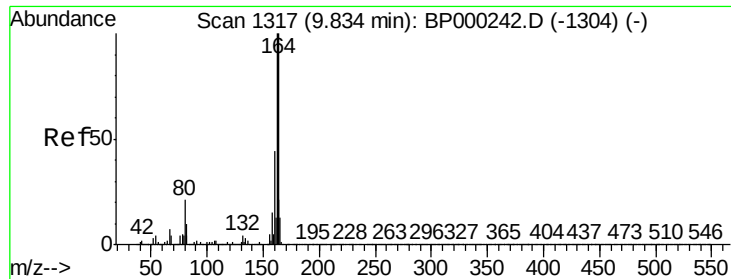
mohammad
9/30/2019 8:15:04 AM



#38
1-Methylnaphthalene
Concen: 50.358 ng
RT: 8.89 min Scan# 1156
Delta R.T. 0.00 min
Lab File: BP000457.D
Acq: 27 Sep 2019 15:07

Tgt Ion	Ratio	Lower	Upper
142	100		
141	92.5	73.9	110.9
116	3.8	3.0	4.6





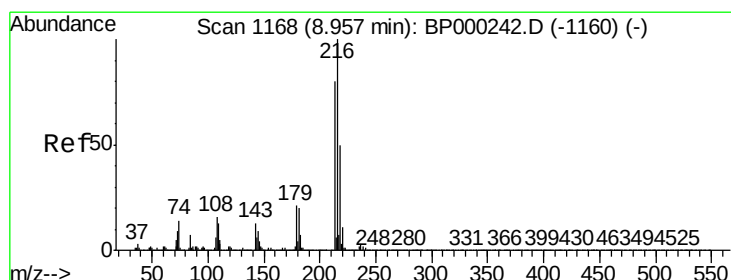
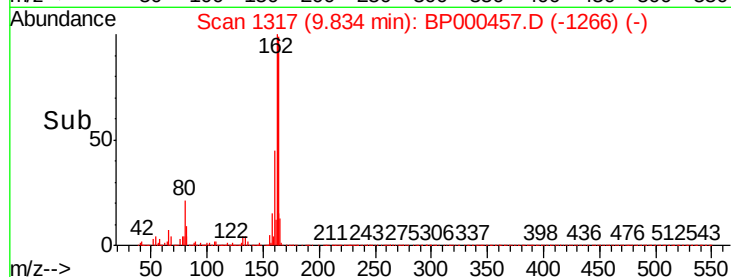
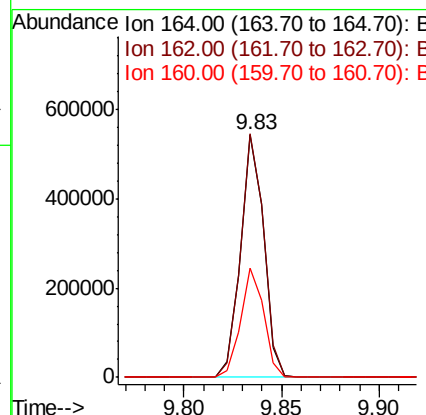
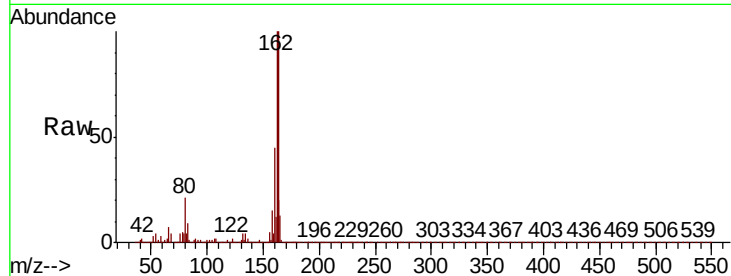
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.83 min Scan# 1317
Delta R.T. -0.00 min
Lab File: BP000457.D
Acq: 27 Sep 2019 15:07

Instrument :
BNA_P
ClientSampleId :
BU-02-092419MS

Tot Ion:	164	Resp:	447960
Ion Ratio		Lower	Upper
164	100		
162	100.2	79.9	119.9
160	44.8	35.6	53.4

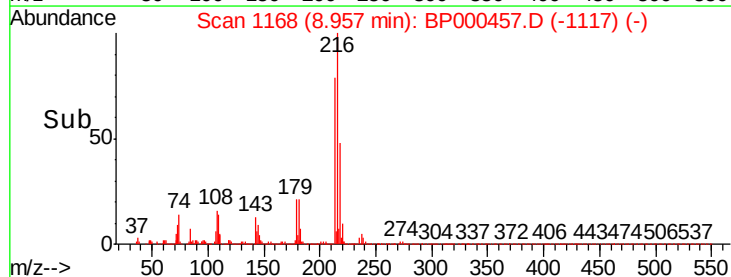
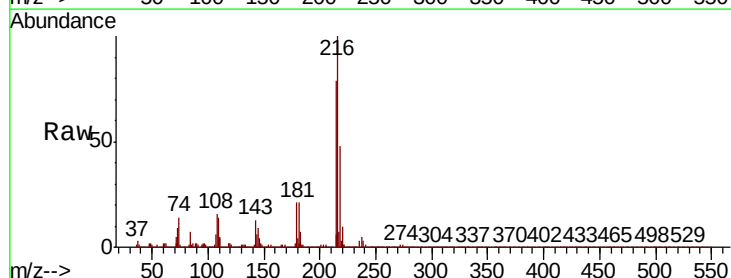
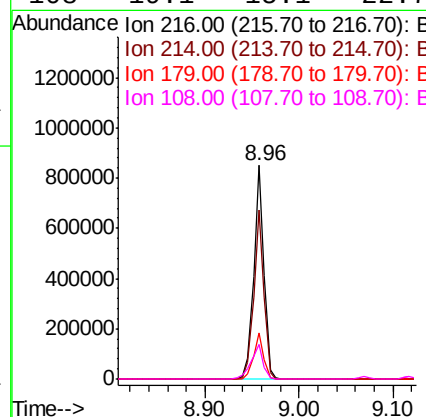
Manual Integrations
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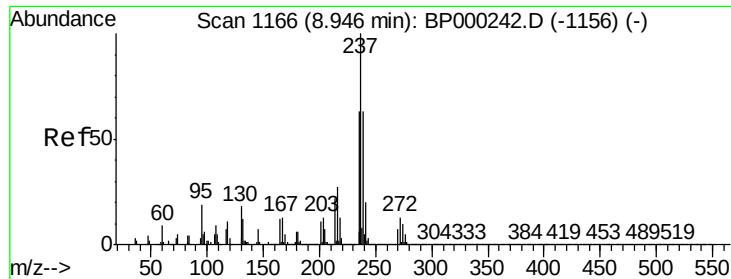
mohammad
9/30/2019 8:15:04 AM



#40
1,2,4,5-Tetrachlorobenzene
Concen: 49.851 ng
RT: 8.96 min Scan# 1168
Delta R.T. 0.00 min
Lab File: BP000457.D
Acq: 27 Sep 2019 15:07

Tgt Ion:	216	Resp:	638485
Ion Ratio		Lower	Upper
216	100		
214	79.1	63.6	95.4
179	21.0	17.0	25.4
108	19.1	15.1	22.7





#41

Hexachlorocyclopentadiene

Concen: 71.850 ng

RT: 8.95 min Scan# 1166

Delta R.T. -0.00 min

Lab File: BP000457.D

Acq: 27 Sep 2019 15:07

Instrument :

BNA_P

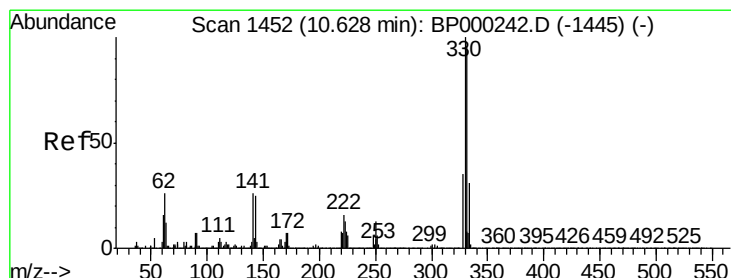
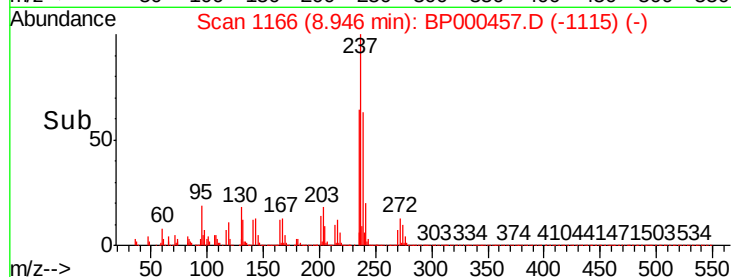
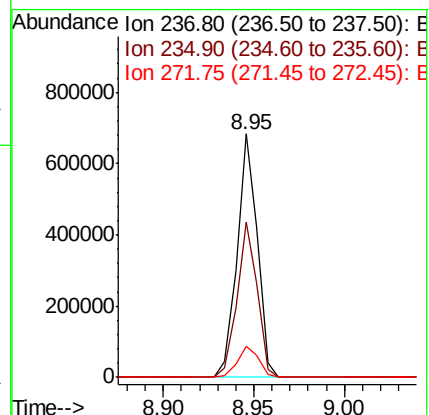
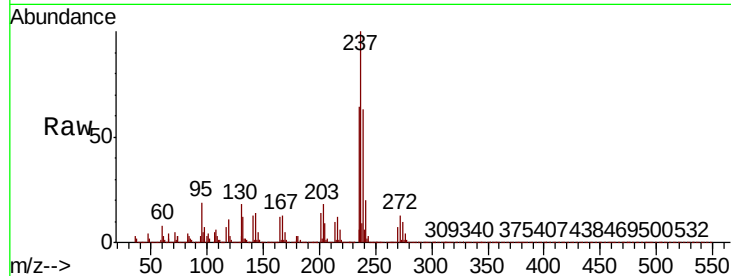
ClientSampleId :

BU-02-092419MS

Tot Ion:	237	Resp:	528441
Ion Ratio	Lower	Upper	
237	100		
235	64.0	43.5	83.5
272	12.6	0.0	33.0

Manual Integrations
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9/30/2019 8:15:04 AM



#42

2,4,6-Tribromophenol

Concen: 146.637 ng

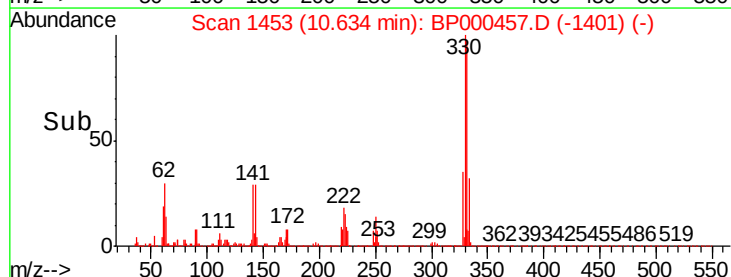
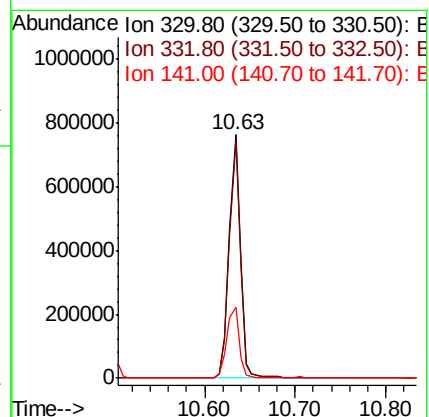
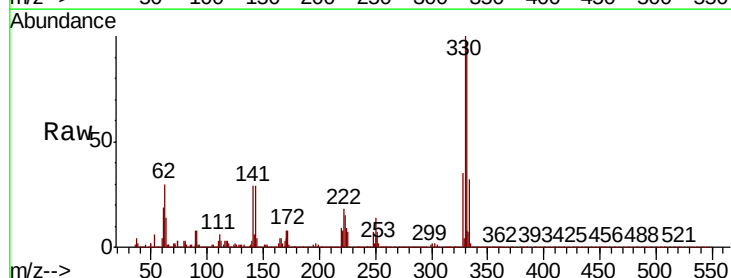
RT: 10.63 min Scan# 1453

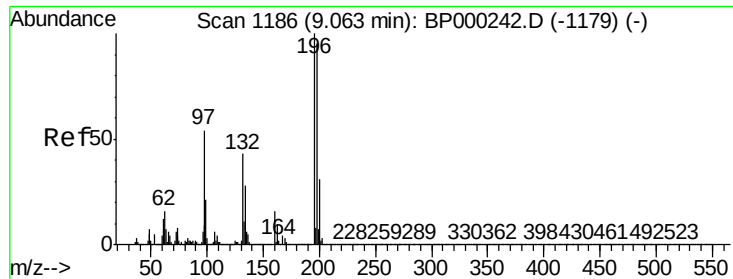
Delta R.T. 0.01 min

Lab File: BP000457.D

Acq: 27 Sep 2019 15:07

Tgt Ion:	330	Resp:	651532
Ion Ratio	Lower	Upper	
330	100		
332	96.7	76.6	115.0
141	31.9	26.5	39.7





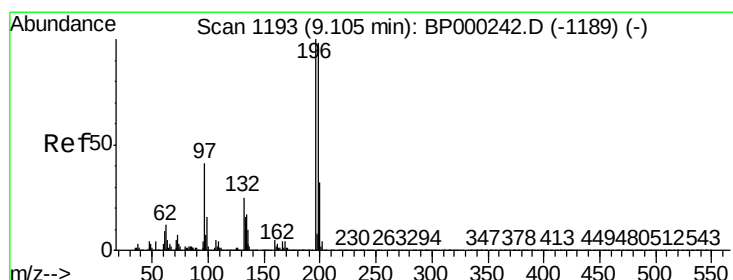
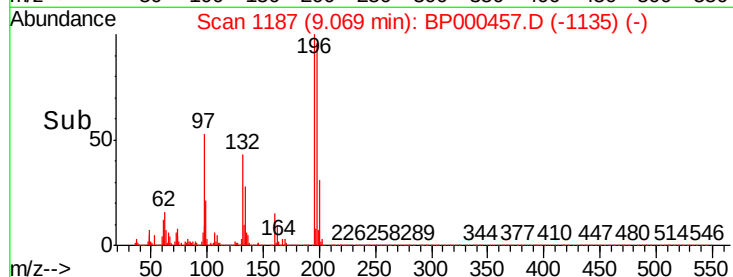
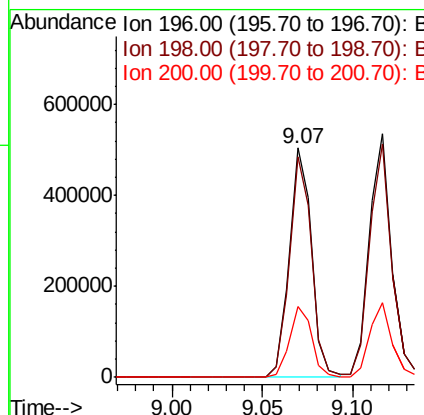
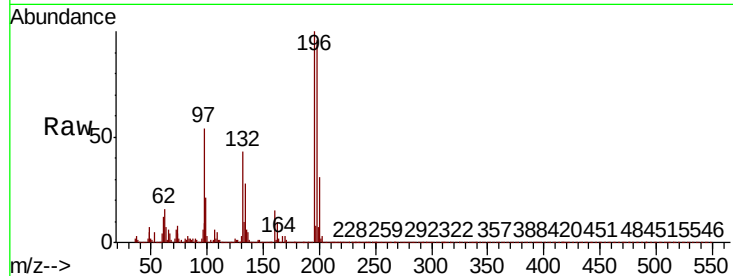
#43
2,4,6-Trichlorophenol
Concen: 48.696 ng
RT: 9.07 min Scan# 1187
Delta R.T. 0.01 min
Lab File: BP000457.D
Acq: 27 Sep 2019 15:07

Instrument :
BNA_P
ClientSampleId :
BU-02-092419MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
196	100		431572		
198	96.4	76.0	114.0		
200	30.8	24.6	37.0		

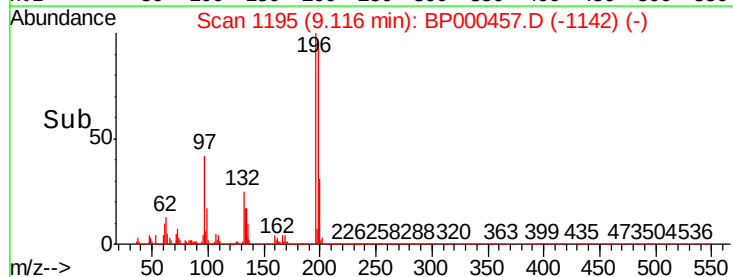
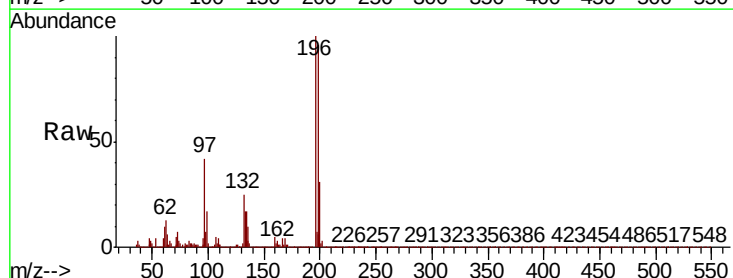
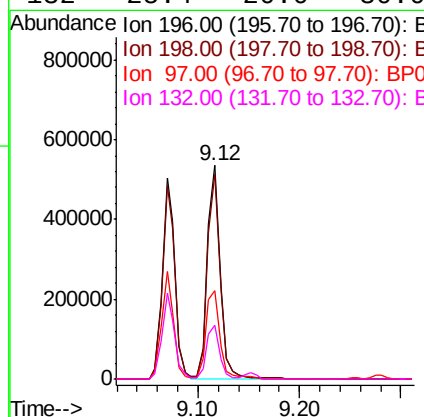
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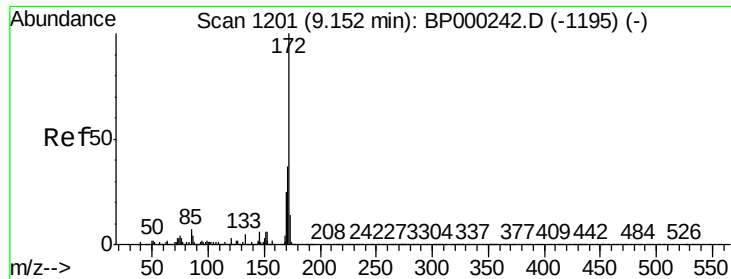
mohammad
9/30/2019 8:15:04 AM



#44
2,4,5-Trichlorophenol
Concen: 51.942 ng
RT: 9.12 min Scan# 1195
Delta R.T. 0.01 min
Lab File: BP000457.D
Acq: 27 Sep 2019 15:07

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
196	100		471367		
198	95.9	78.1	117.1		
97	41.6	33.3	49.9		
132	25.4	20.0	30.0		





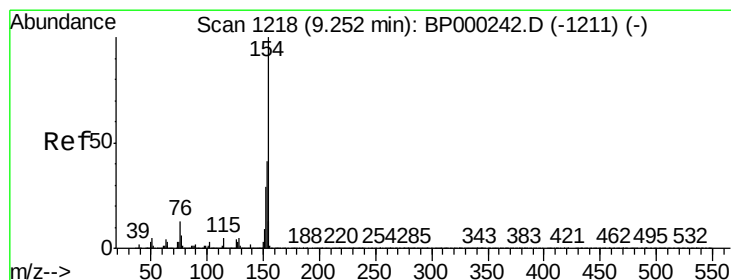
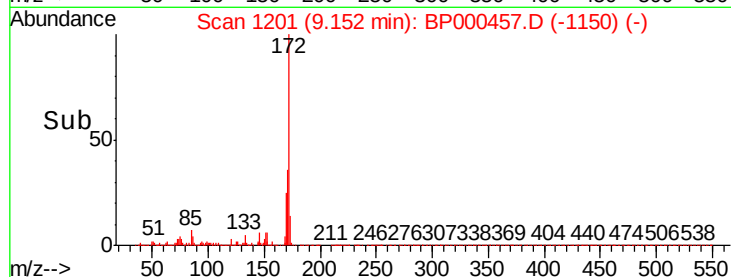
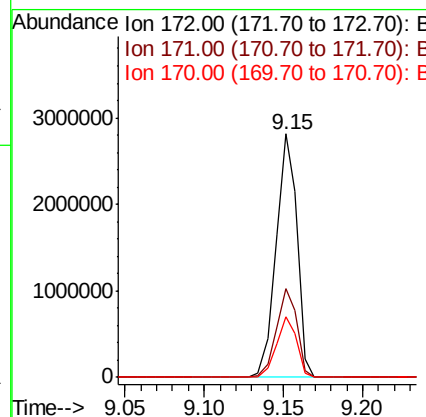
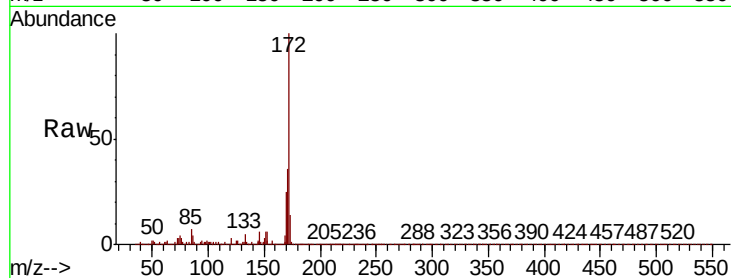
#45
2-Fluorobiphenyl
Concen: 103.944 ng
RT: 9.15 min Scan# 1201
Delta R.T. -0.00 min
Lab File: BP000457.D
Acq: 27 Sep 2019 15:07

Instrument :
BNA_P
ClientSampleId :
BU-02-092419MS

Tot Ion	Ratio	Lower	Upper
172	100		
171	36.4	29.8	44.6
170	24.7	19.8	29.6

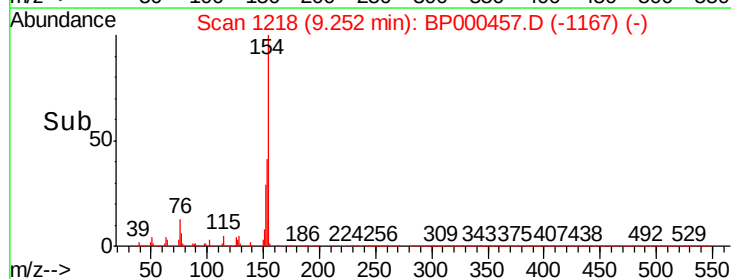
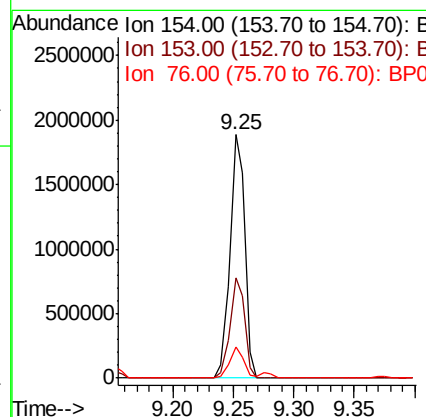
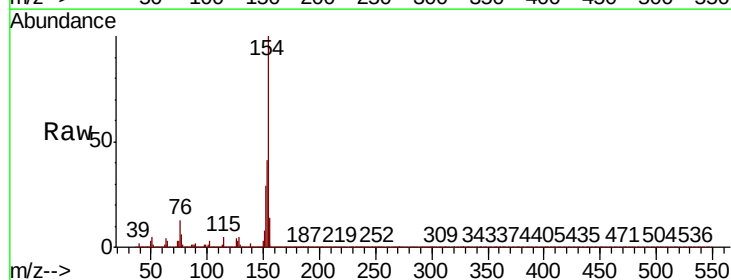
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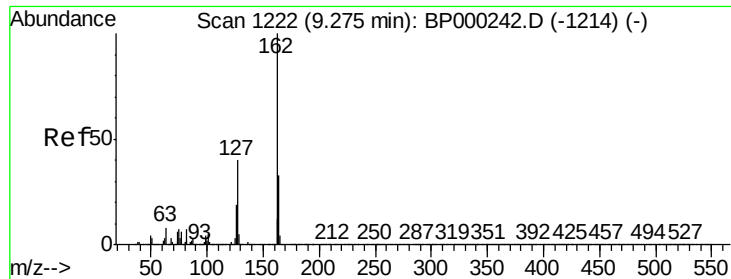
mohammad
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#46
1,1'-Biphenyl
Concen: 51.391 ng
RT: 9.25 min Scan# 1218
Delta R.T. -0.00 min
Lab File: BP000457.D
Acq: 27 Sep 2019 15:07

Tgt Ion	Ratio	Lower	Upper
154	100		
153	41.4	21.4	61.4
76	12.9	0.0	33.4





#47

2-Chloronaphthalene

Concen: 47.830 ng

RT: 9.28 min Scan# 1223

Delta R.T. 0.01 min

Lab File: BP000457.D

Acq: 27 Sep 2019 15:07

Instrument :

BNA_P

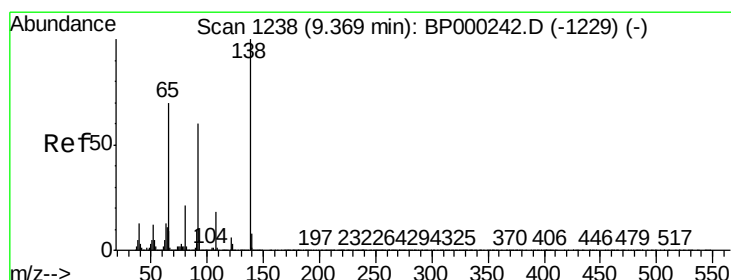
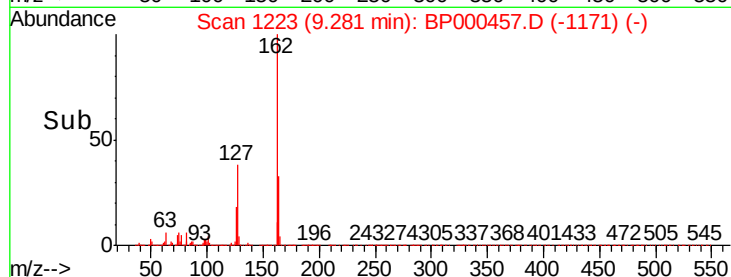
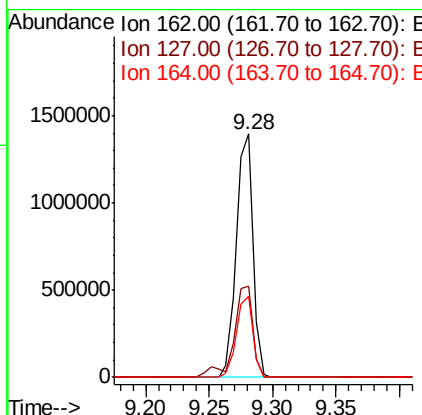
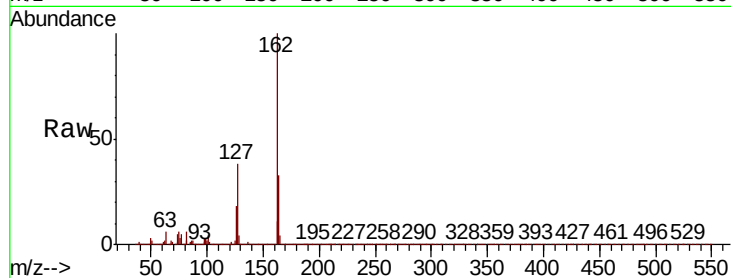
ClientSampleId :

BU-02-092419MS

Tot Ion:	162	Resp:	1243367
Ion	Ratio	Lower	Upper
162	100		
127	37.6	32.4	48.6
164	33.2	26.3	39.5

Manual Integrations
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#48

2-Nitroaniline

Concen: 45.501 ng

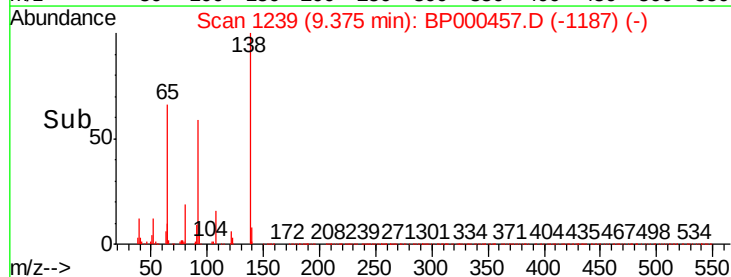
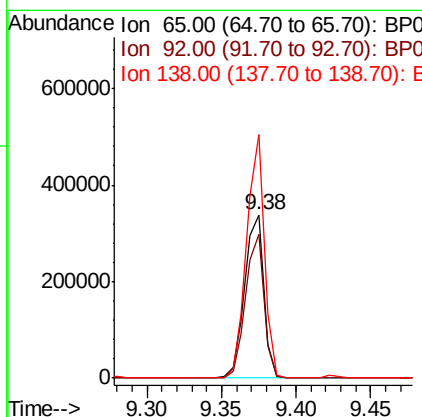
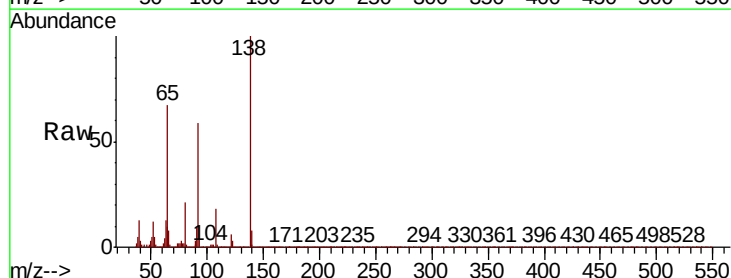
RT: 9.38 min Scan# 1239

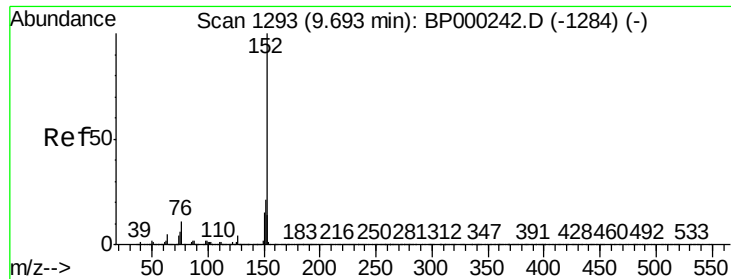
Delta R.T. 0.01 min

Lab File: BP000457.D

Acq: 27 Sep 2019 15:07

Tgt Ion:	65	Resp:	300377
Ion	Ratio	Lower	Upper
65	100		
92	87.8	68.7	103.1
138	149.3	114.4	171.6





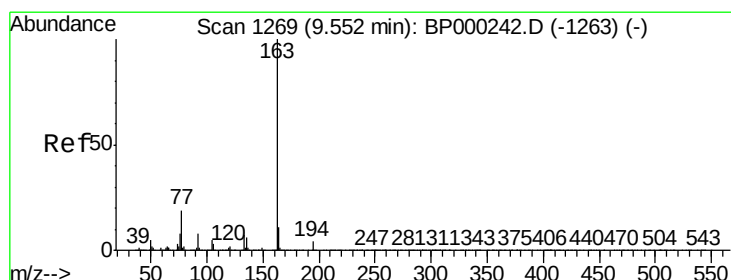
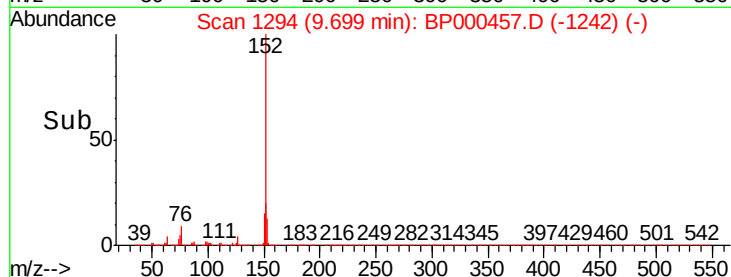
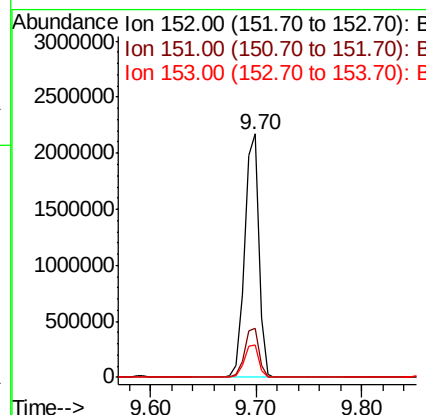
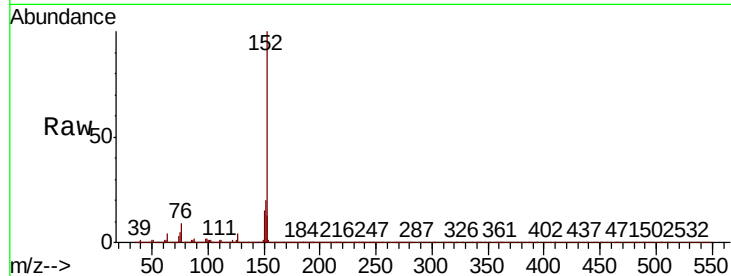
#49
Acenaphthylene
Concen: 50.467 ng
RT: 9.70 min Scan# 1294
Delta R.T. 0.01 min
Lab File: BP000457.D
Acq: 27 Sep 2019 15:07

Instrument :
BNA_P
ClientSampleId :
BU-02-092419MS

Tot Ion:	152	Resp:	1972048
Ion Ratio	Lower	Upper	
152	100		
151	20.4	16.4	24.6
153	13.1	11.0	16.4

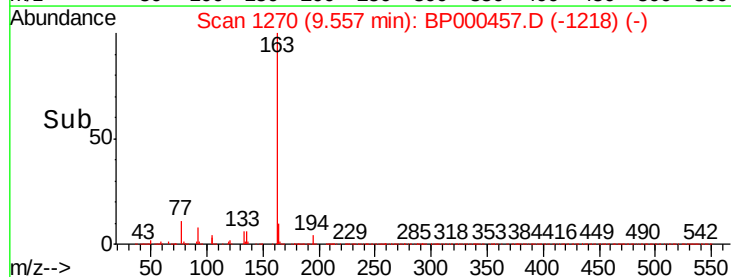
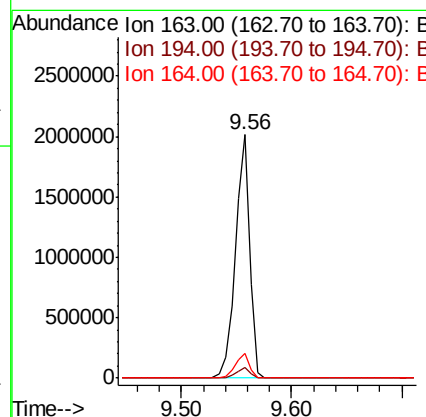
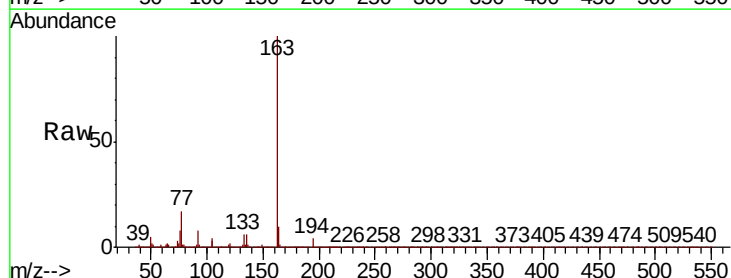
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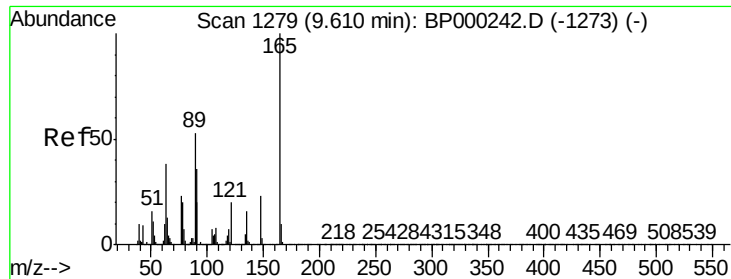
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#50
Dimethylphthalate
Concen: 59.417 ng
RT: 9.56 min Scan# 1270
Delta R.T. 0.01 min
Lab File: BP000457.D
Acq: 27 Sep 2019 15:07

Tgt Ion:	163	Resp:	1813405
Ion Ratio	Lower	Upper	
163	100		
194	4.4	3.4	5.0
164	10.2	8.5	12.7





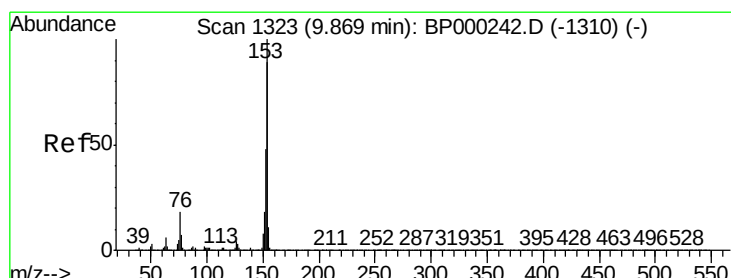
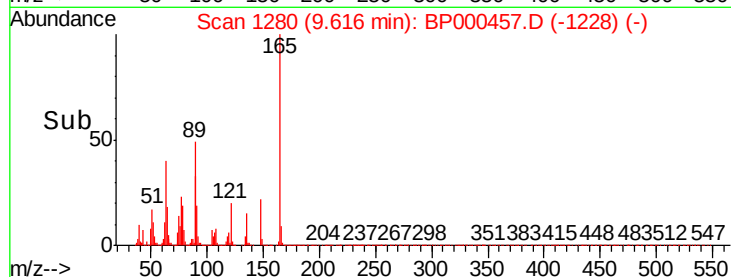
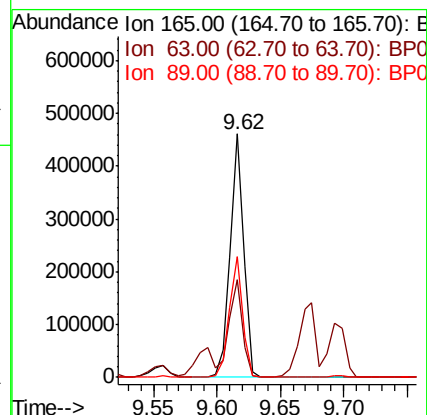
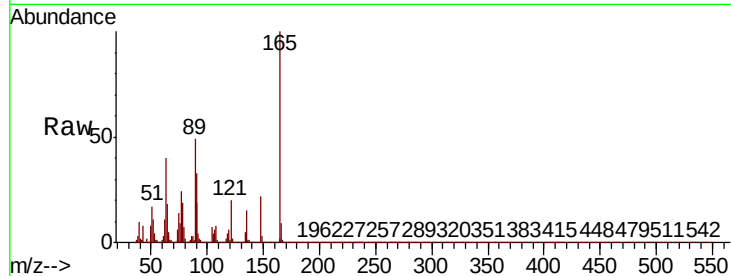
#51
2,6-Dinitrotoluene
Concen: 50.776 ng
RT: 9.62 min Scan# 1280
Delta R.T. 0.01 min
Lab File: BP000457.D
Acq: 27 Sep 2019 15:07

Instrument :
BNA_P
ClientSampleId :
BU-02-092419MS

Tot Ion	Ratio	Resp	Lower	Upper
165	100	340740		
63	40.3		35.8	53.8
89	49.4		42.6	63.8

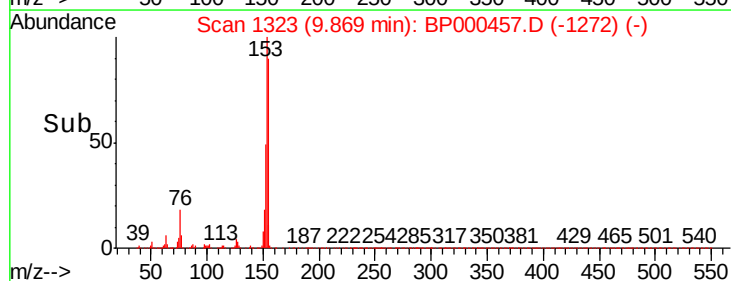
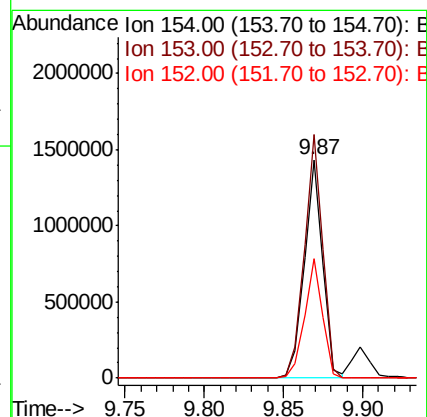
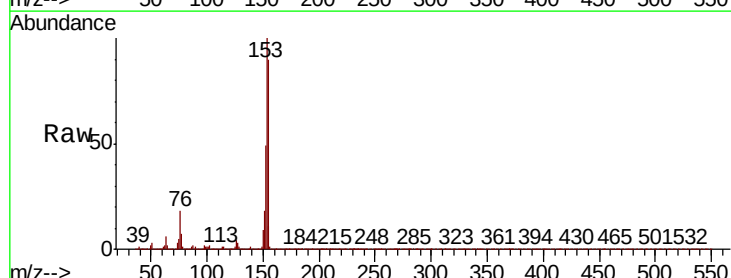
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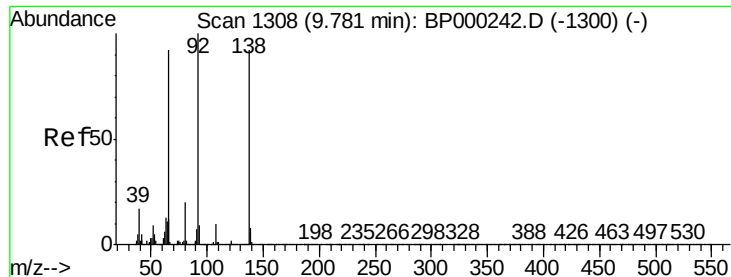
mohammad
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#52
Acenaphthene
Concen: 46.517 ng
RT: 9.87 min Scan# 1323
Delta R.T. 0.00 min
Lab File: BP000457.D
Acq: 27 Sep 2019 15:07

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	1147057		
153	111.5		89.8	134.6
152	54.4		43.4	65.0





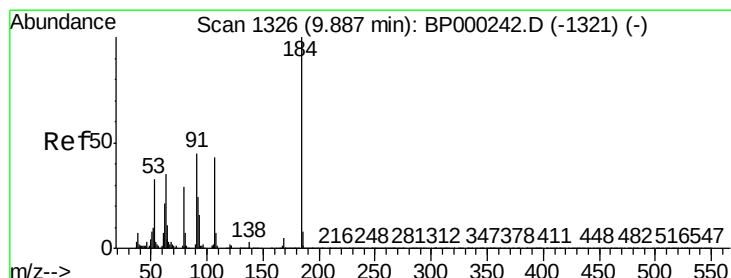
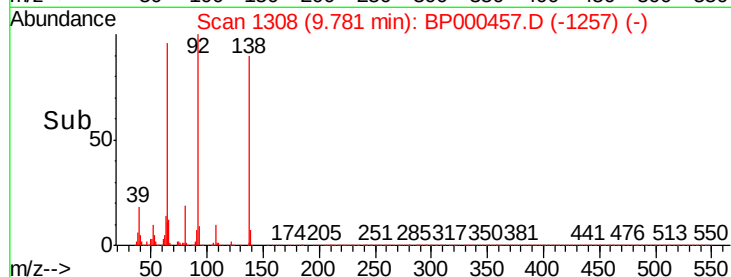
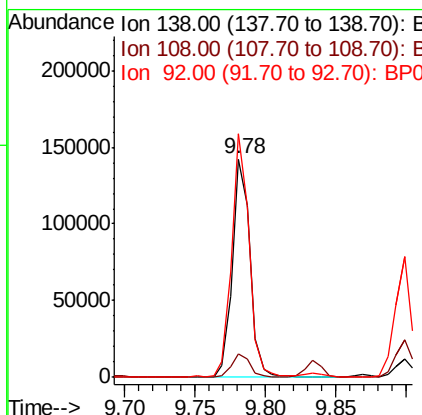
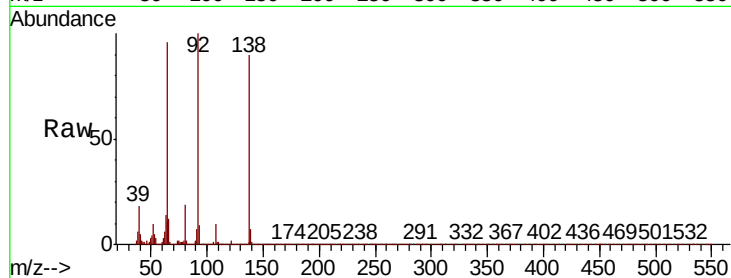
#53
3-Nitroaniline
Concen: 15.924 ng
RT: 9.78 min Scan# 1308
Delta R.T. -0.00 min
Lab File: BP000457.D
Acq: 27 Sep 2019 15:07

Instrument :
BNA_P
ClientSampleId :
BU-02-092419MS

Tot Ion	Ratio	Lower	Upper
138	100		
108	10.8	9.1	13.7
92	111.6	86.7	130.1

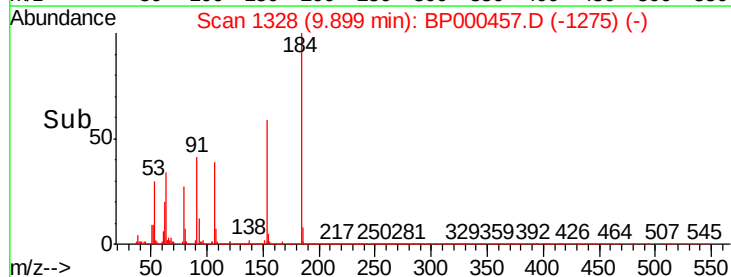
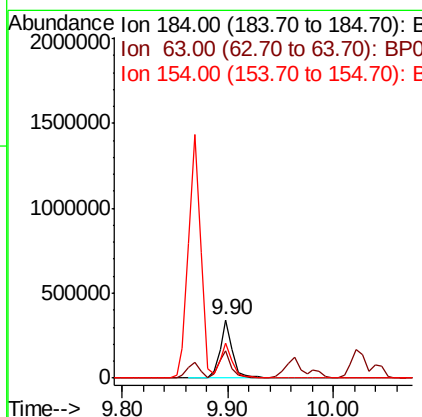
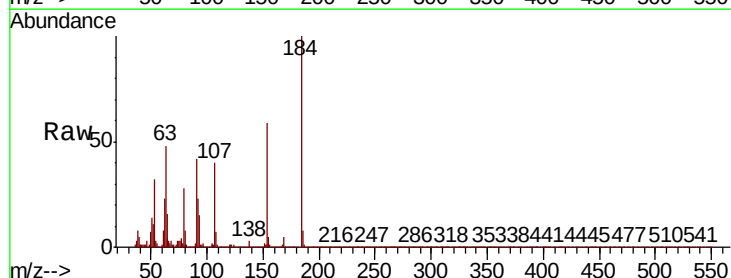
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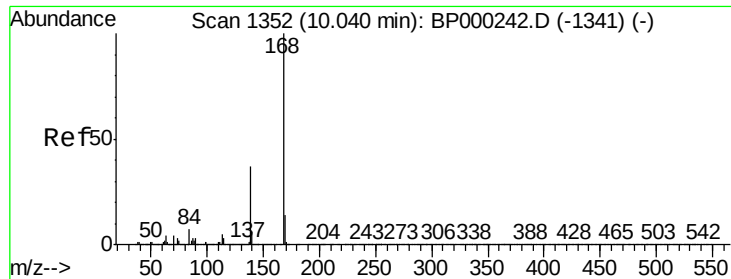
mohammad
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#54
2,4-Dinitrophenol
Concen: 99.070 ng
RT: 9.90 min Scan# 1328
Delta R.T. 0.01 min
Lab File: BP000457.D
Acq: 27 Sep 2019 15:07

Tgt Ion	Ratio	Lower	Upper
184	100		
63	47.7	39.5	59.3
154	59.2	48.8	73.2





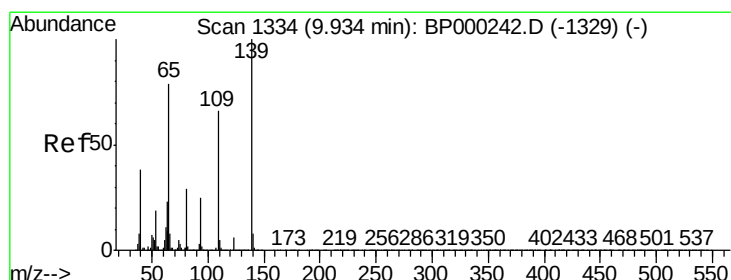
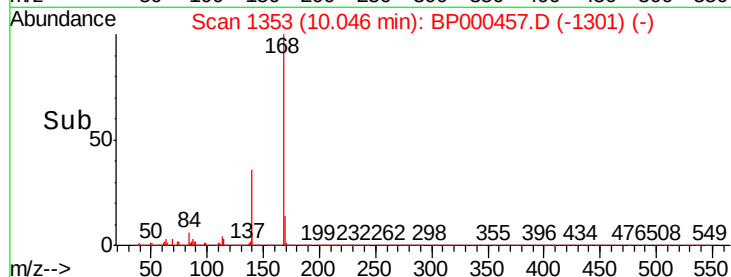
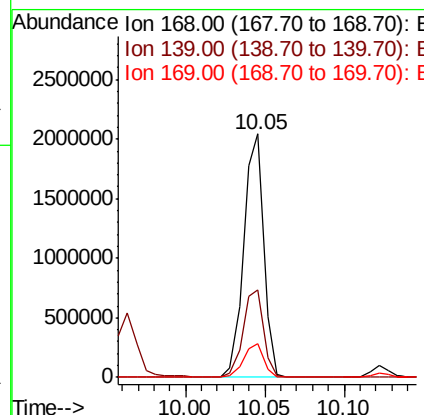
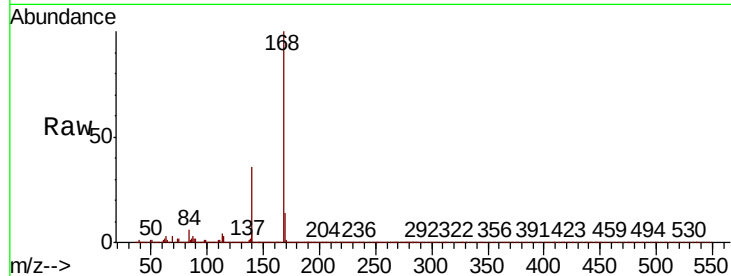
#55
Dibenzofuran
Concen: 51.095 ng
RT: 10.05 min Scan# 1353
Delta R.T. 0.01 min
Lab File: BP000457.D
Acq: 27 Sep 2019 15:07

Instrument :
BNA_P
ClientSampleId :
BU-02-092419MS

Tot Ion	Ratio	Lower	Upper
168	100		
139	36.1	30.0	45.0
169	13.7	11.0	16.6

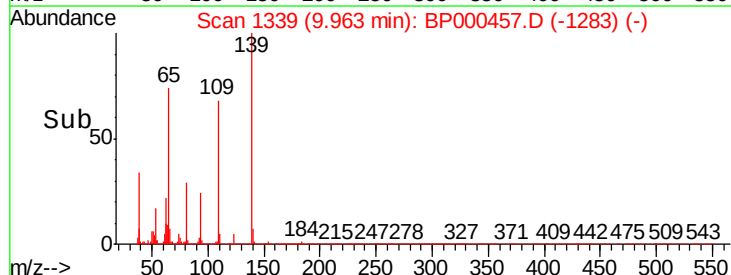
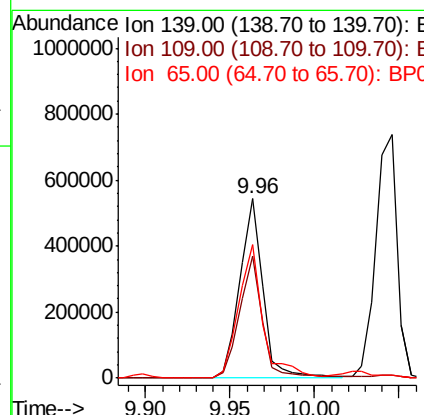
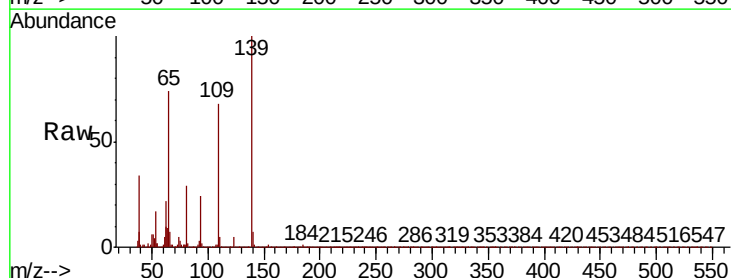
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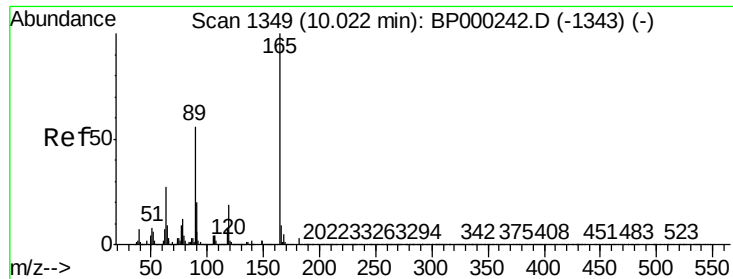
mohammad
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#56
4-Nitrophenol
Concen: 88.751 ng
RT: 9.96 min Scan# 1339
Delta R.T. 0.03 min
Lab File: BP000457.D
Acq: 27 Sep 2019 15:07

Tgt Ion	Ratio	Lower	Upper
139	100		
109	68.0	46.2	86.2
65	74.3	59.4	99.4





#57

2,4-Dinitrotoluene

Concen: 51.638 ng

RT: 10.03 min Scan# 1350

Delta R.T. 0.01 min

Lab File: BP000457.D

Acq: 27 Sep 2019 15:07

Instrument :

BNA_P

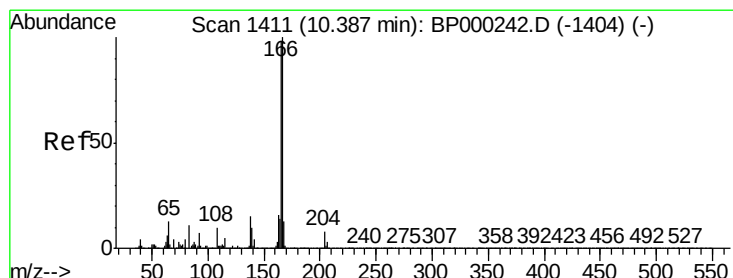
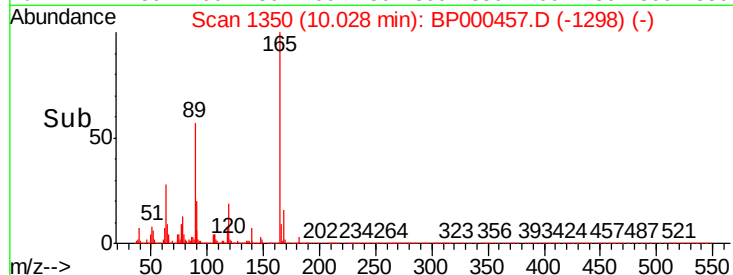
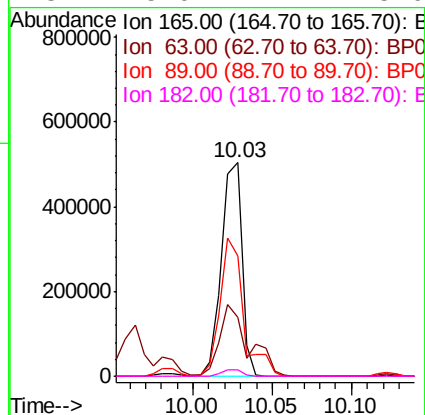
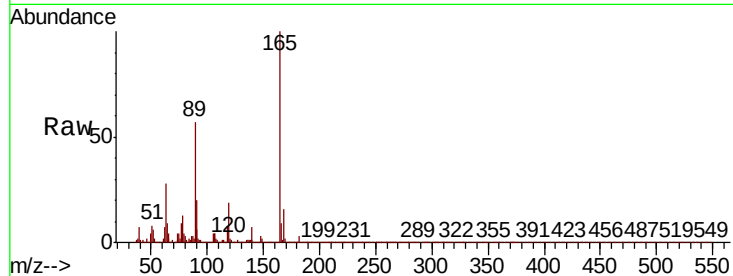
ClientSampleId :

BU-02-092419MS

Tot Ion:	165	Resp:	453010
Ion Ratio	Lower	Upper	
165	100		
63	27.6	21.7	32.5
89	56.6	45.0	67.6
182	3.0	2.4	3.6

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#58

Fluorene

Concen: 49.967 ng

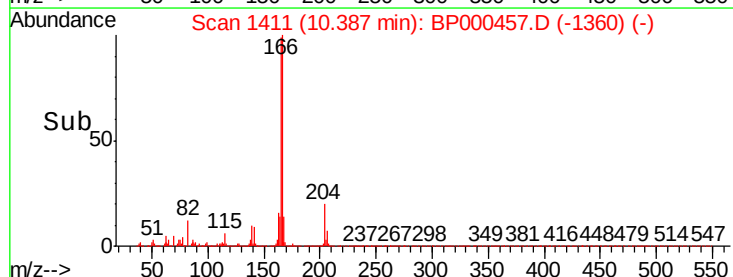
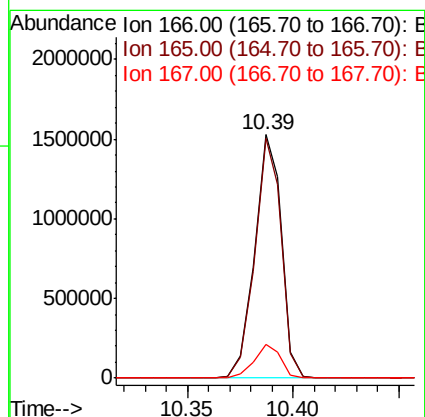
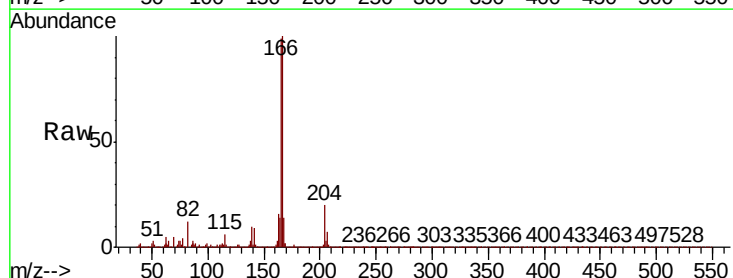
RT: 10.39 min Scan# 1411

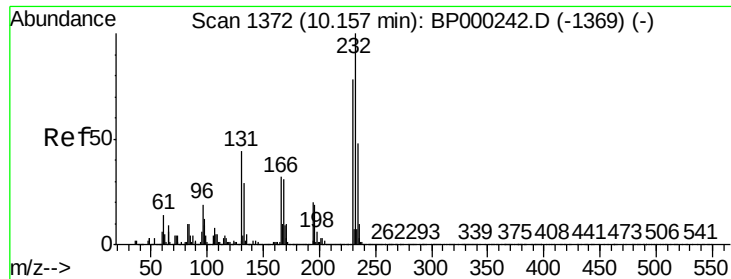
Delta R.T. -0.00 min

Lab File: BP000457.D

Acq: 27 Sep 2019 15:07

Tgt Ion:	166	Resp:	1345371
Ion Ratio	Lower	Upper	
166	100		
165	98.7	78.2	117.2
167	13.8	10.7	16.1





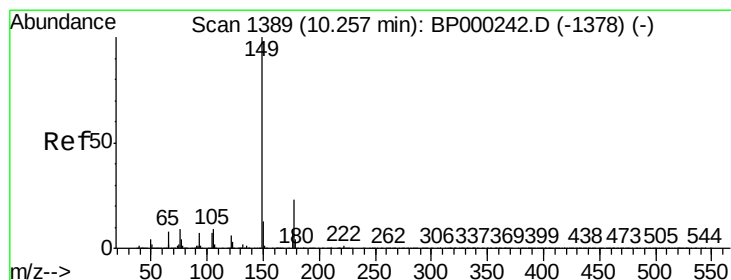
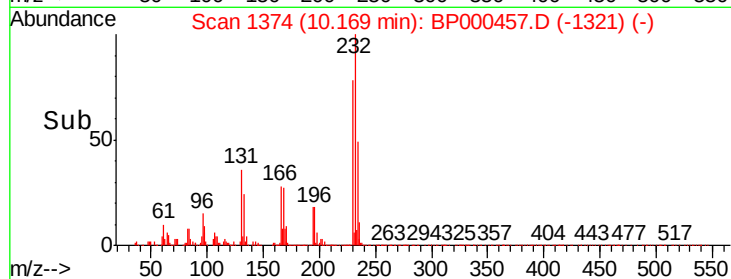
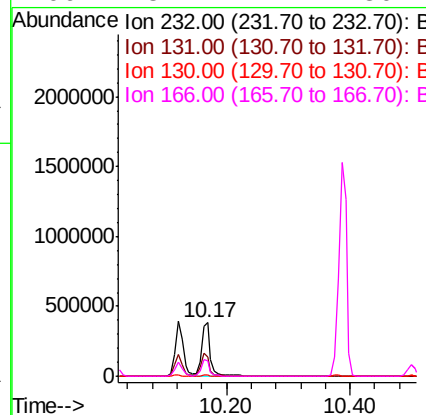
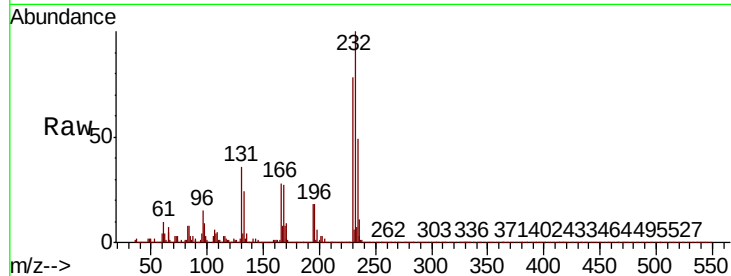
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 52.838 ng
 RT: 10.17 min Scan# 1374
 Delta R.T. 0.01 min
 Lab File: BP000457.D
 Acq: 27 Sep 2019 15:07

Instrument :
 BNA_P
 ClientSampleId :
 BU-02-092419MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
232	100		394560		
131	39.2	33.6	50.4		
130	2.1	1.8	2.6		
166	28.4	24.2	36.2		

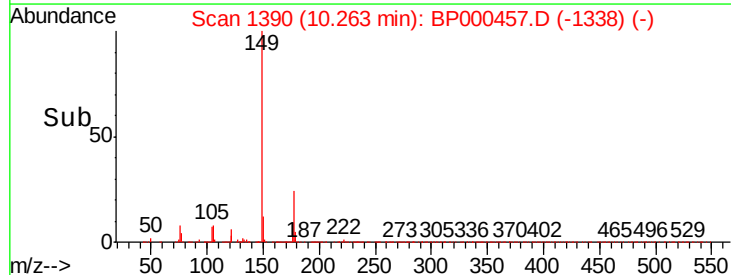
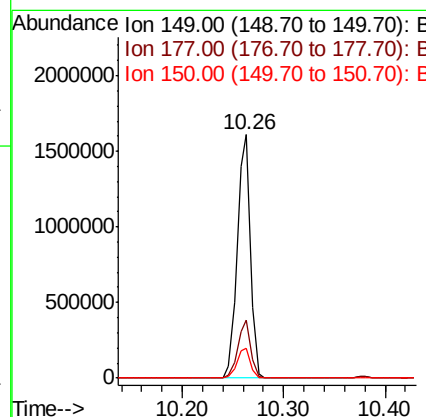
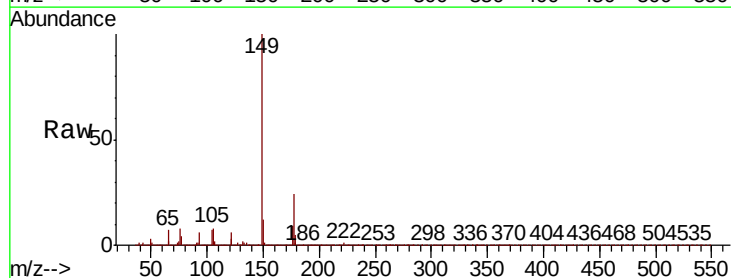
Manual Integrations
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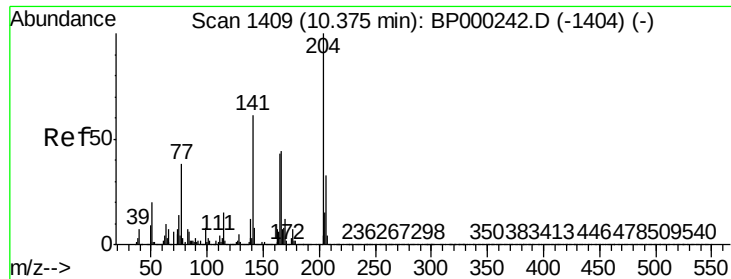
mohammad
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#60
 Diethylphthalate
 Concen: 49.239 ng
 RT: 10.26 min Scan# 1390
 Delta R.T. 0.01 min
 Lab File: BP000457.D
 Acq: 27 Sep 2019 15:07

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
149	100		1445637		
177	23.8	18.1	27.1		
150	12.5	10.3	15.5		





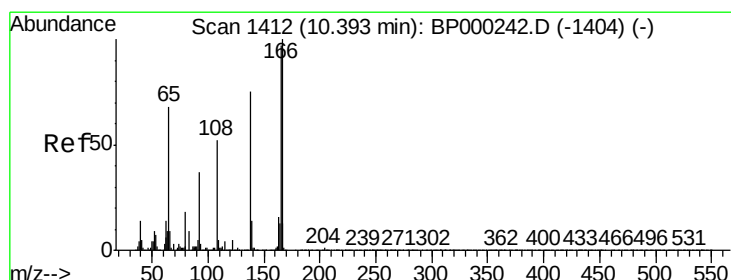
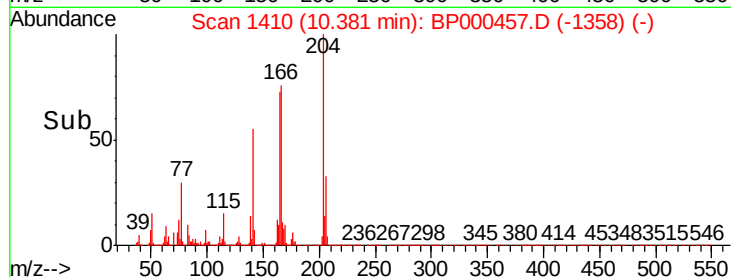
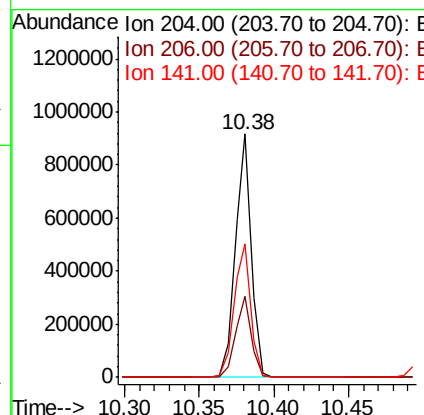
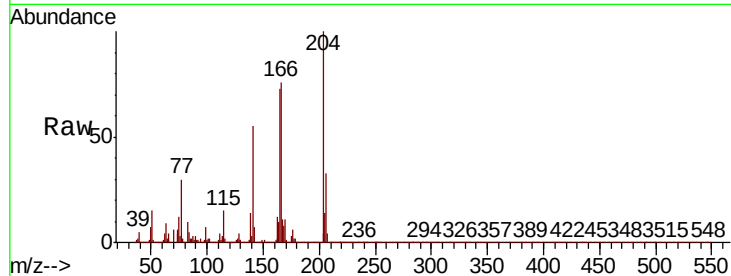
#61
4-Chlorophenyl-phenylether
Concen: 50.245 ng
RT: 10.38 min Scan# 1410
Delta R.T. 0.01 min
Lab File: BP000457.D
Acq: 27 Sep 2019 15:07

Instrument :
BNA_P
ClientSampleId :
BU-02-092419MS

Tot Ion	Ratio	Lower	Upper
204	100		
206	33.3	26.3	39.5
141	54.7	48.6	72.8

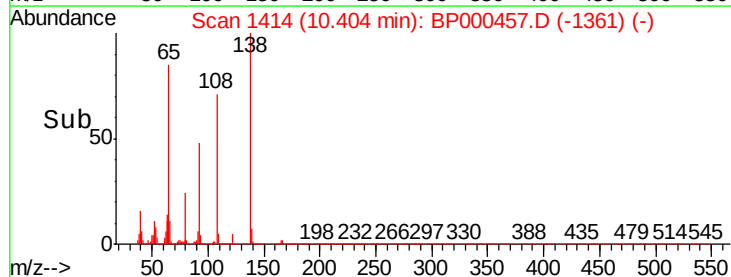
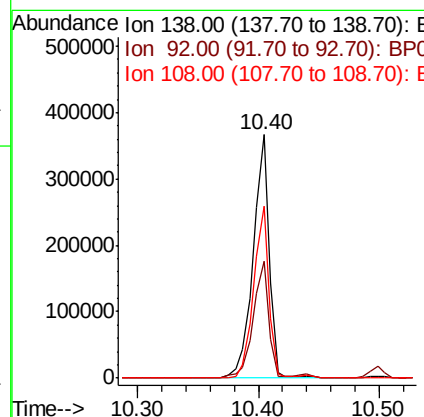
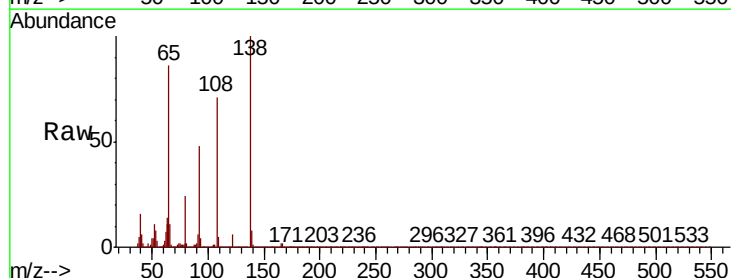
Manual Integrations
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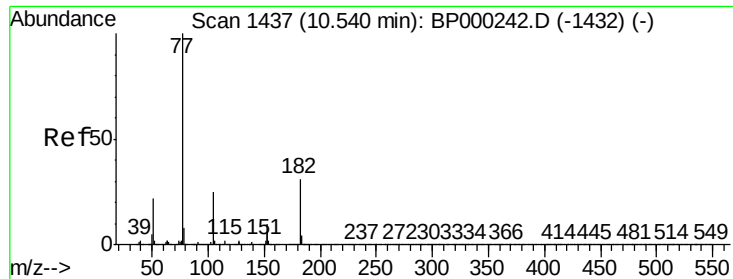
mohammad
9/30/2019 8:15:04 AM



#62
4-Nitroaniline
Concen: 44.893 ng
RT: 10.40 min Scan# 1414
Delta R.T. 0.01 min
Lab File: BP000457.D
Acq: 27 Sep 2019 15:07

Tgt Ion	Ratio	Lower	Upper
138	100		
92	48.0	30.1	70.1
108	70.8	49.5	89.5





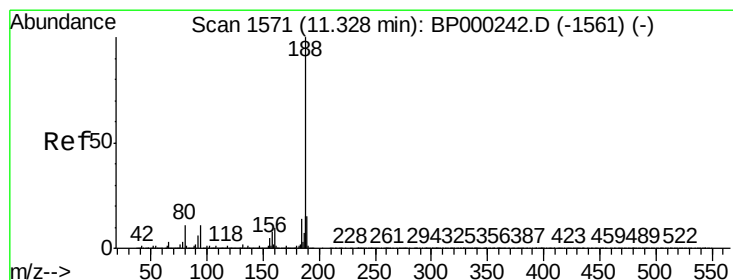
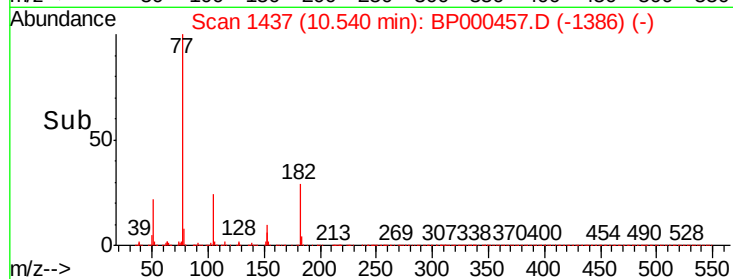
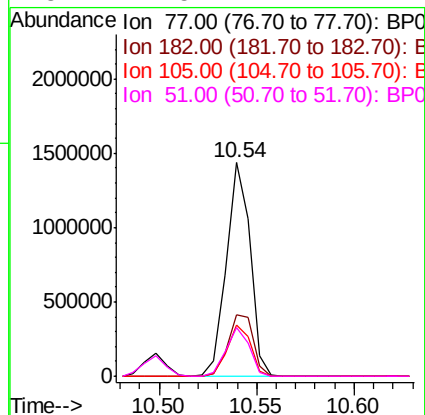
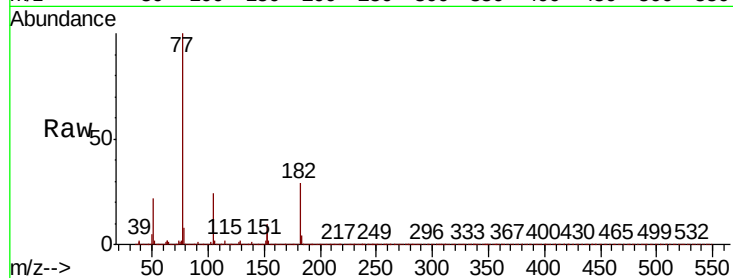
#63
Azobenzene
Concen: 48.688 ng
RT: 10.54 min Scan# 1437
Delta R.T. -0.00 min
Lab File: BP000457.D
Acq: 27 Sep 2019 15:07

Instrument :
BNA_P
ClientSampleId :
BU-02-092419MS

Tot Ion	Ratio	Lower	Upper
77	100		
182	28.9	11.1	51.1
105	24.1	4.7	44.7
51	22.5	2.2	42.2

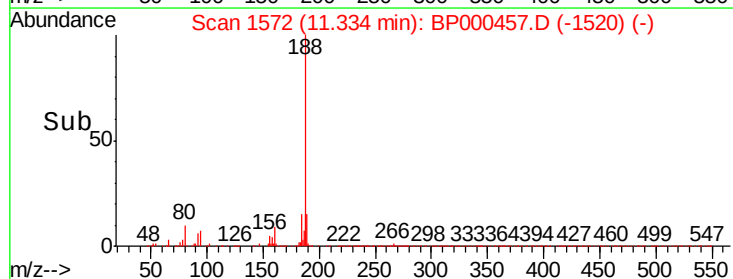
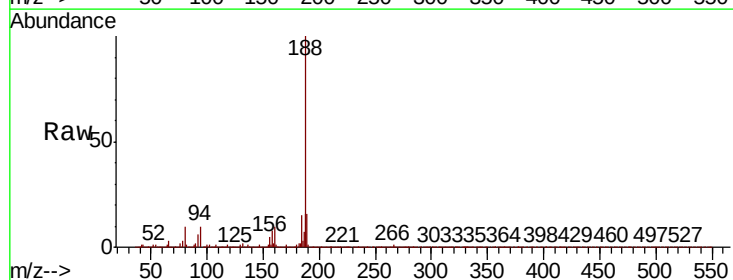
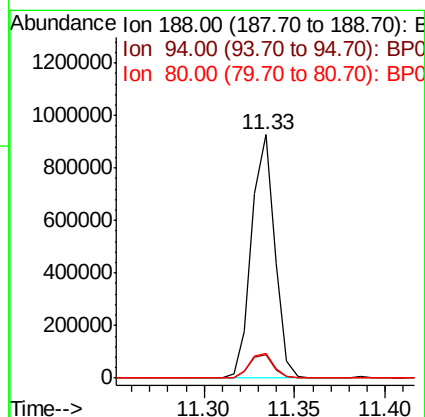
Manual Integrations
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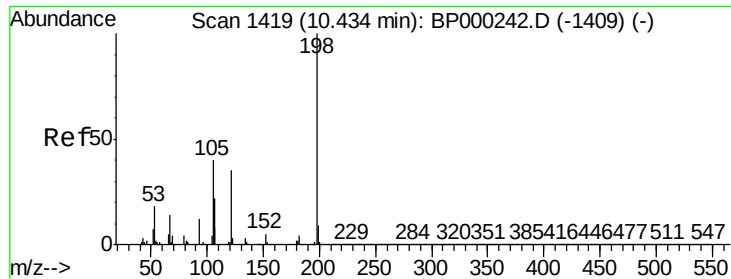
mohammad
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.33 min Scan# 1572
Delta R.T. 0.01 min
Lab File: BP000457.D
Acq: 27 Sep 2019 15:07

Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.9	8.5	12.7
80	10.0	8.6	13.0





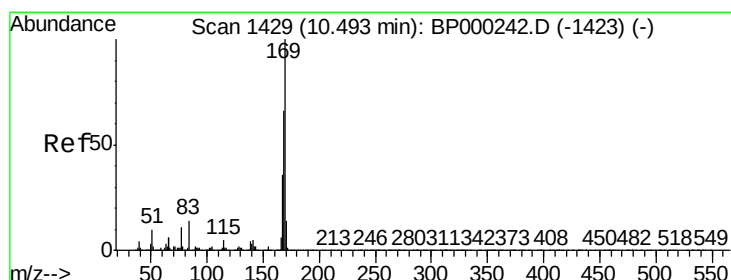
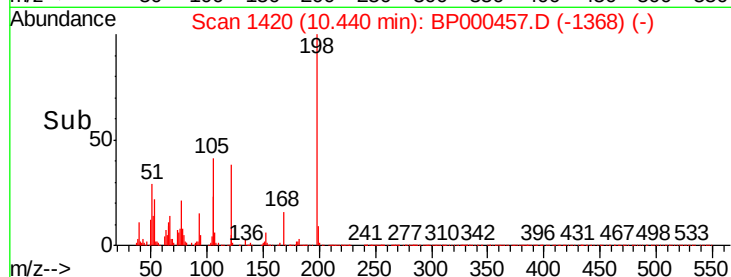
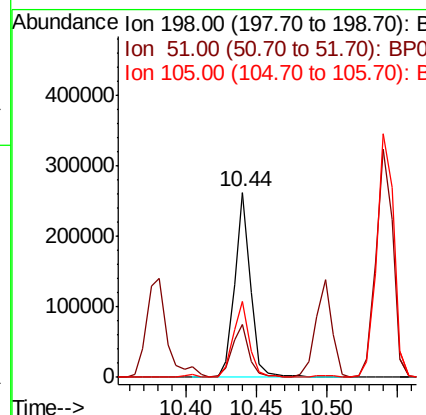
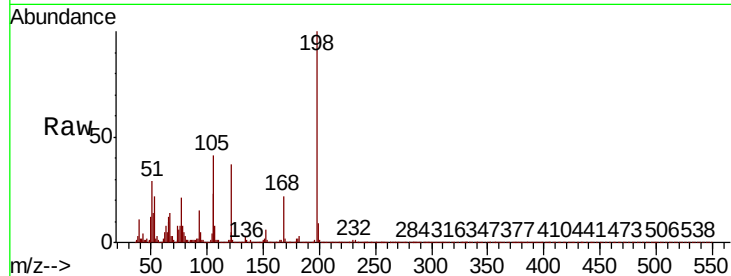
#65
4,6-Dinitro-2-methylphenol
Concen: 52.572 ng
RT: 10.44 min Scan# 1420
Delta R.T. 0.01 min
Lab File: BP000457.D
Acq: 27 Sep 2019 15:07

Instrument :
BNA_P
ClientSampleId :
BU-02-092419MS

Tot Ion	Ratio	Resp	Lower	Upper
198	100			
51	28.6	7.4	47.4	
105	40.9	20.2	60.2	

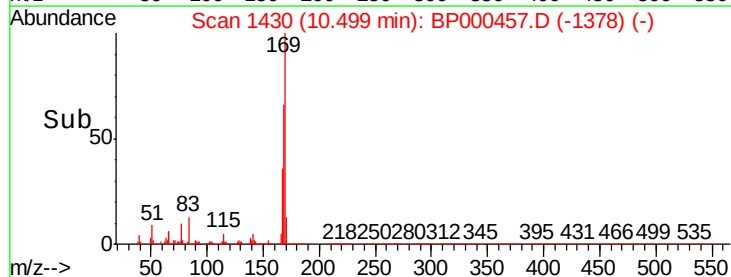
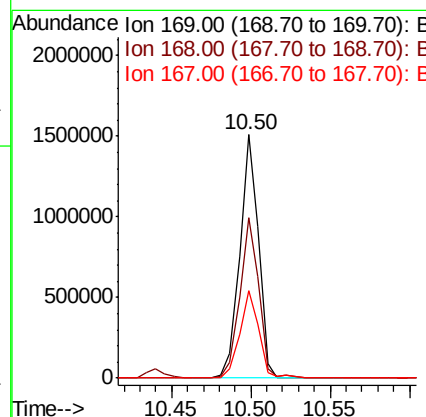
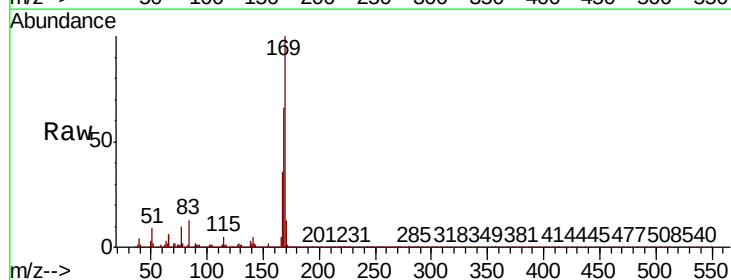
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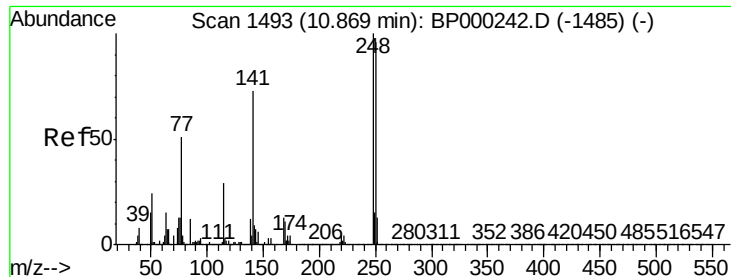
mohammad
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#66
n-Nitrosodiphenylamine
Concen: 49.348 ng
RT: 10.50 min Scan# 1430
Delta R.T. 0.01 min
Lab File: BP000457.D
Acq: 27 Sep 2019 15:07

Tgt Ion	Ratio	Resp	Lower	Upper
169	100			
168	65.9	52.9	79.3	
167	36.0	29.0	43.6	





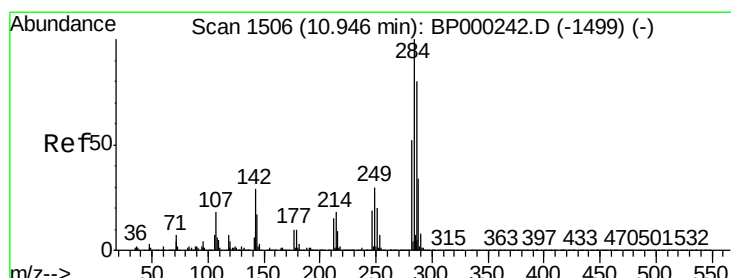
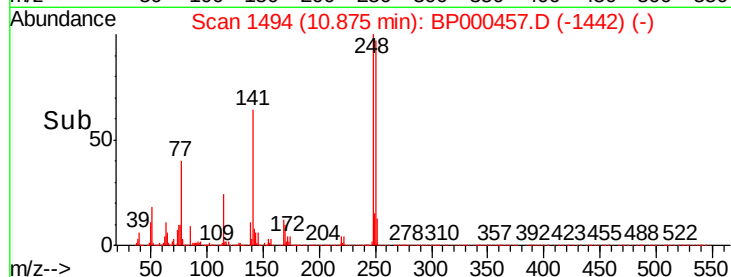
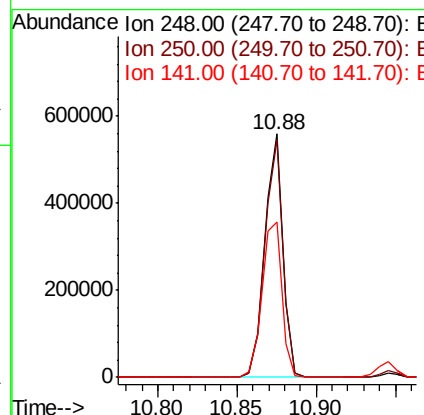
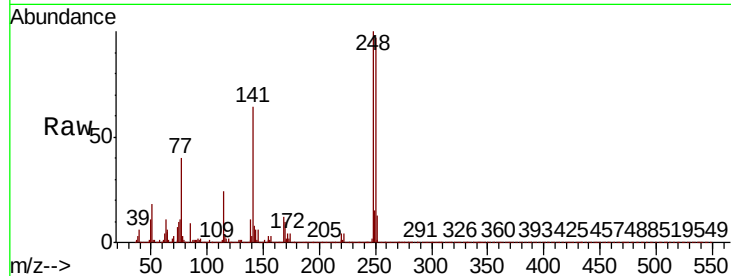
#67
4-Bromophenyl-phenylether
Concen: 47.953 ng
RT: 10.88 min Scan# 1494
Delta R.T. 0.01 min
Lab File: BP000457.D
Acq: 27 Sep 2019 15:07

Instrument :
BNA_P
ClientSampleId :
BU-02-092419MS

Tot Ion	Ratio	Lower	Upper
248	100		
250	97.3	77.0	115.4
141	63.8	58.5	87.7

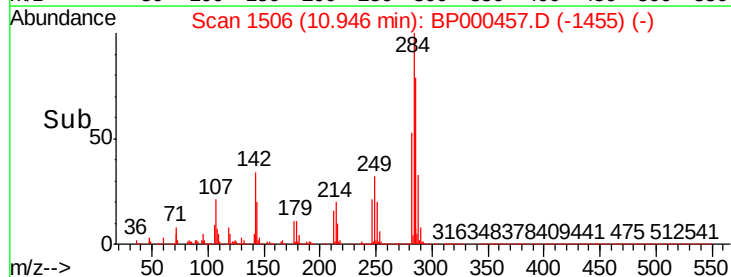
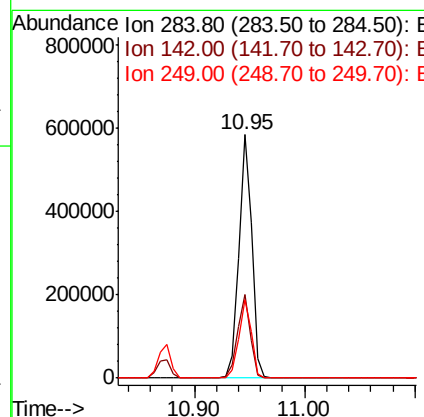
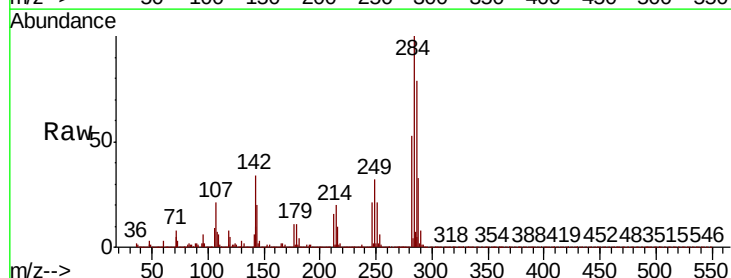
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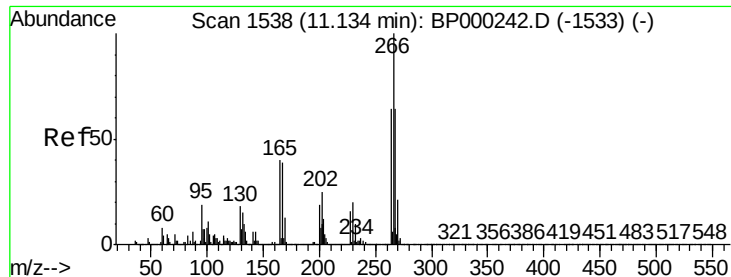
mohammad
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#68
Hexachlorobenzene
Concen: 46.904 ng
RT: 10.95 min Scan# 1506
Delta R.T. 0.00 min
Lab File: BP000457.D
Acq: 27 Sep 2019 15:07

Tgt Ion	Ratio	Lower	Upper
284	100		
142	34.5	23.6	35.4
249	32.1	24.3	36.5





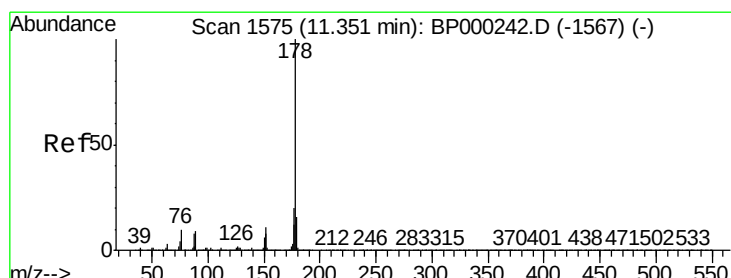
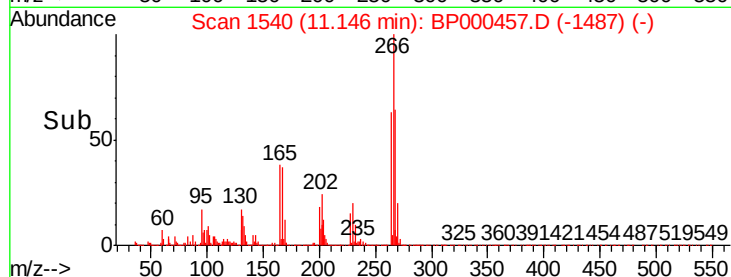
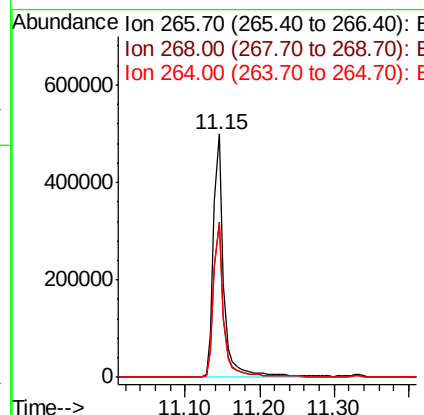
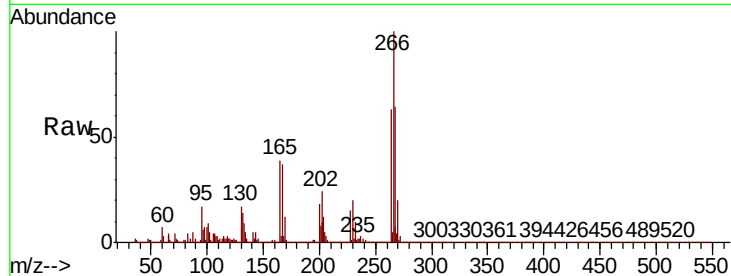
#70
 Pentachlorophenol
 Concen: 88.901 ng
 RT: 11.15 min Scan# 1540
 Delta R.T. 0.01 min
 Lab File: BP000457.D
 Acq: 27 Sep 2019 15:07

Instrument :
 BNA_P
 ClientSampleId :
 BU-02-092419MS

Tot Ion	Ratio	Lower	Upper
266	100		
268	63.8	51.6	77.4
264	63.2	50.8	76.2

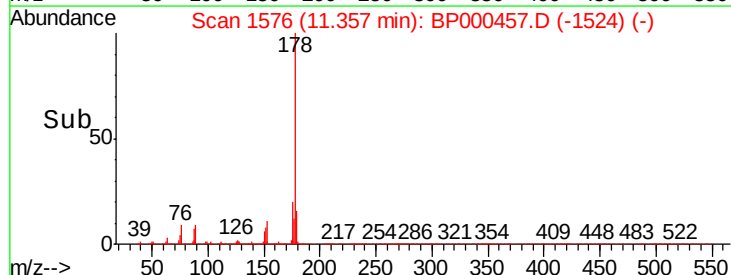
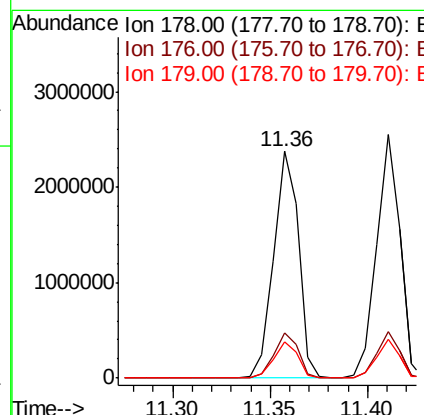
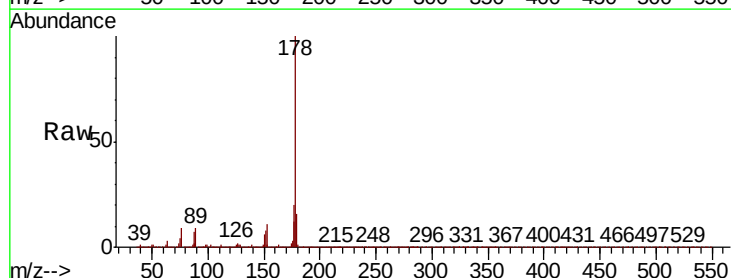
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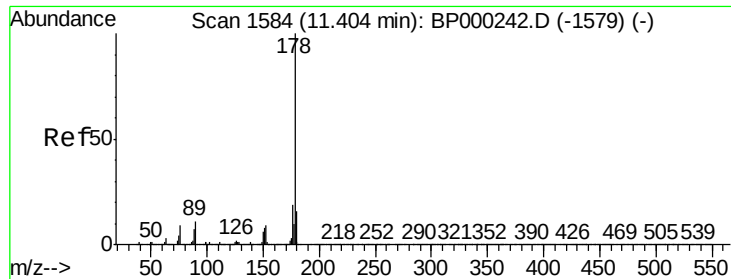
mohammad
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#71
 Phenanthrene
 Concen: 50.729 ng
 RT: 11.36 min Scan# 1576
 Delta R.T. 0.01 min
 Lab File: BP000457.D
 Acq: 27 Sep 2019 15:07

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.8	15.8	23.8
179	15.9	12.7	19.1





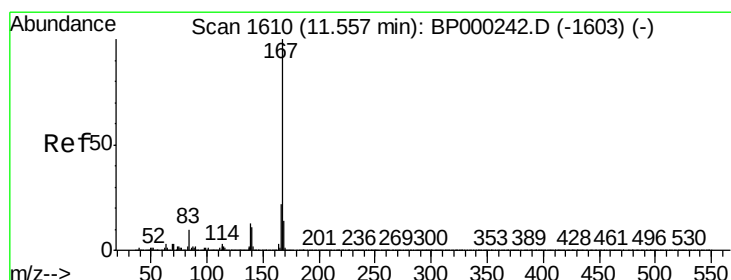
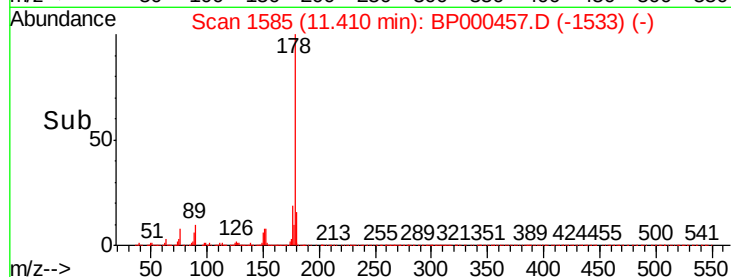
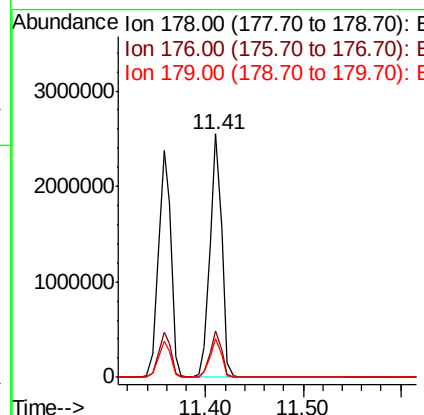
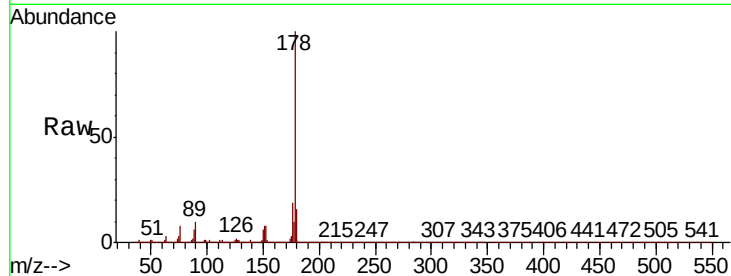
#72
 Anthracene
 Concen: 50.127 ng
 RT: 11.41 min Scan# 1585
 Delta R.T. 0.01 min
 Lab File: BP000457.D
 Acq: 27 Sep 2019 15:07

Instrument :
 BNA_P
 ClientSampleId :
 BU-02-092419MS

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.3	15.4	23.0
179	16.2	12.7	19.1

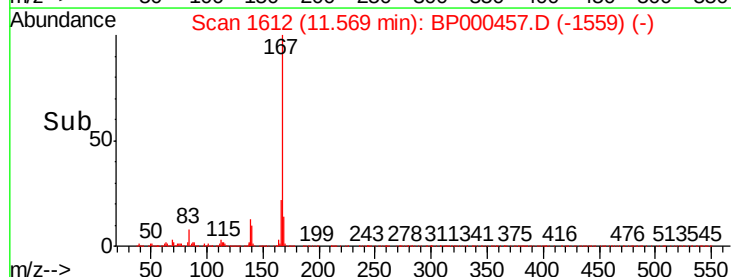
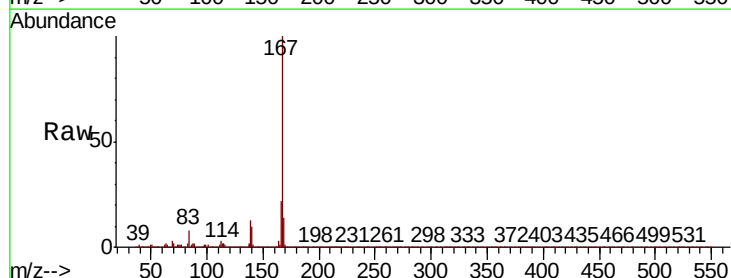
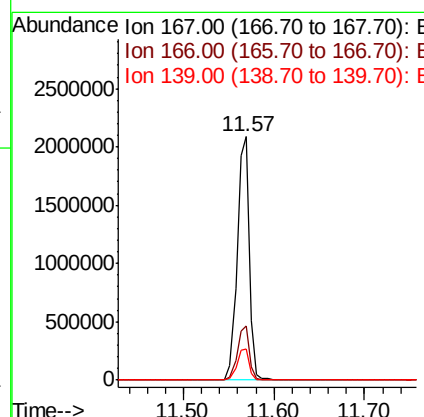
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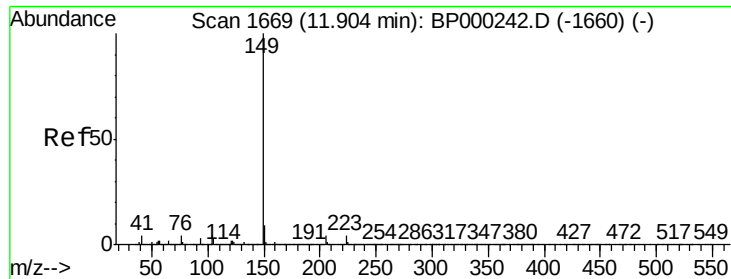
mohammad
 9/30/2019 8:15:04 AM



#73
 Carbazole
 Concen: 51.162 ng
 RT: 11.57 min Scan# 1612
 Delta R.T. 0.01 min
 Lab File: BP000457.D
 Acq: 27 Sep 2019 15:07

Tgt Ion	Ratio	Lower	Upper
167	100		
166	22.5	17.8	26.8
139	12.9	10.8	16.2





#74

Di-n-butylphthalate

Concen: 48.175 ng

RT: 11.90 min Scan# 1669

Delta R.T. -0.00 min

Lab File: BP000457.D

Acq: 27 Sep 2019 15:07

Instrument :

BNA_P

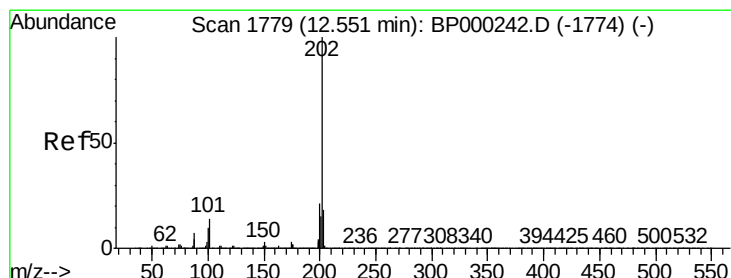
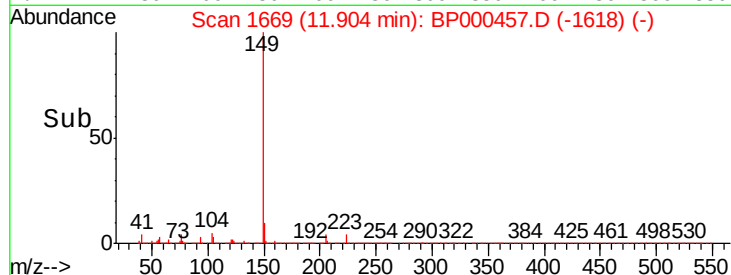
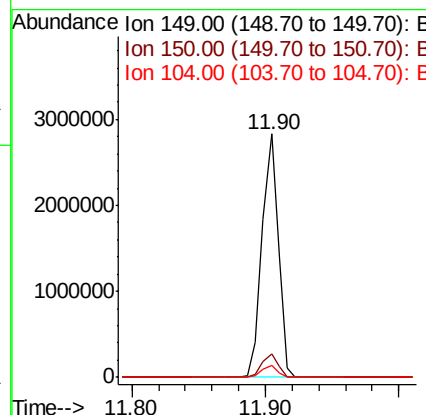
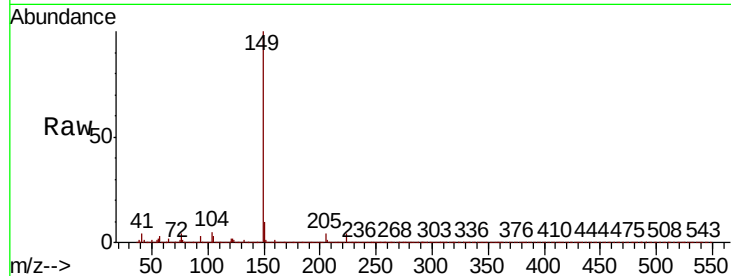
ClientSampleId :

BU-02-092419MS

Tot Ion:	149	Resp:	2333808
Ion	Ratio	Lower	Upper
149	100		
150	9.6	7.4	11.2
104	4.9	3.5	5.3

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#75

Fluoranthene

Concen: 53.095 ng

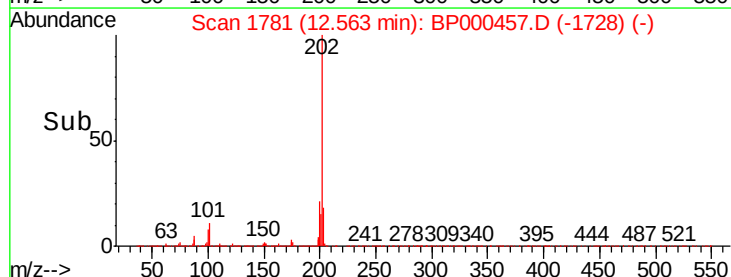
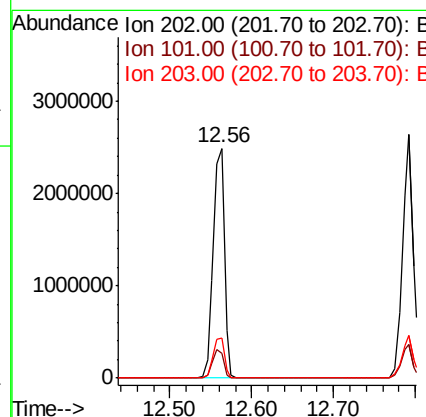
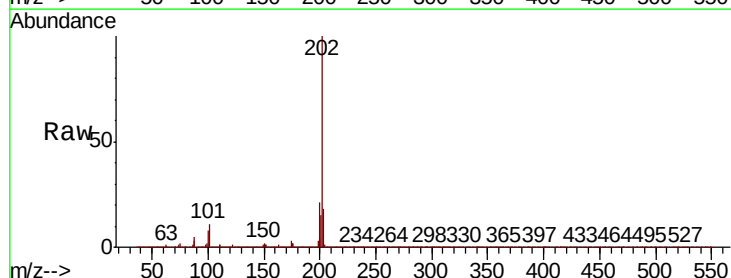
RT: 12.56 min Scan# 1781

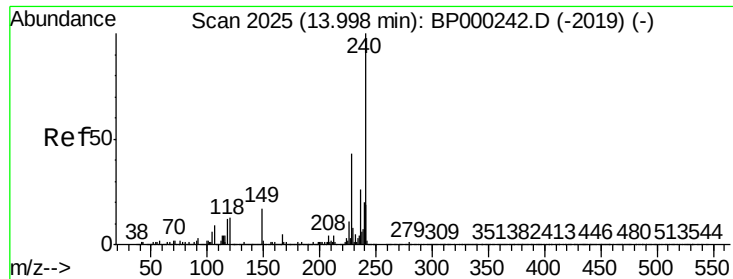
Delta R.T. 0.01 min

Lab File: BP000457.D

Acq: 27 Sep 2019 15:07

Tgt Ion:	202	Resp:	2353937
Ion	Ratio	Lower	Upper
202	100		
101	10.7	0.0	33.9
203	17.6	0.0	38.0





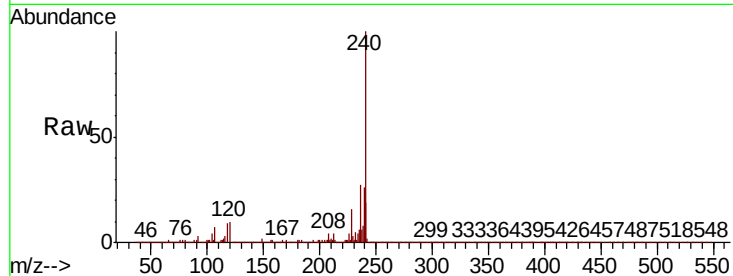
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.01 min Scan# 2027
Delta R.T. 0.01 min
Lab File: BP000457.D
Acq: 27 Sep 2019 15:07

Instrument :
BNA_P
ClientSampleId :
BU-02-092419MS

Tot Ion	Ratio	Lower	Upper
240	100		
120	10.0	10.4	15.6#
236	26.7	21.0	31.6

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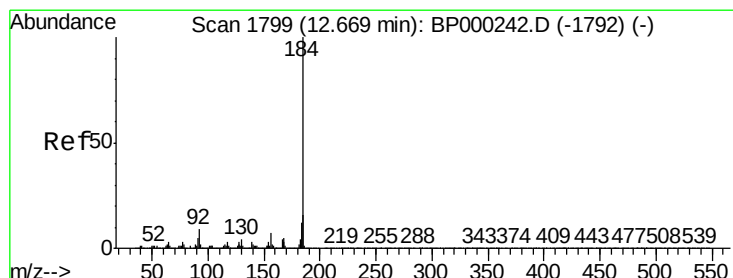
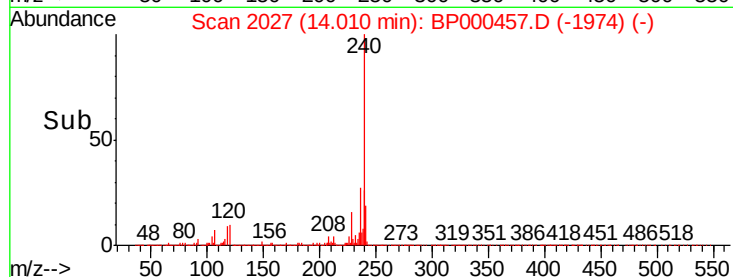
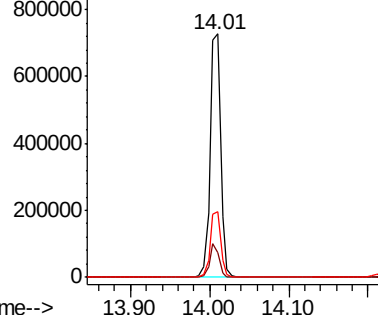


Abundance

Ion 240.00 (239.70 to 240.70): E

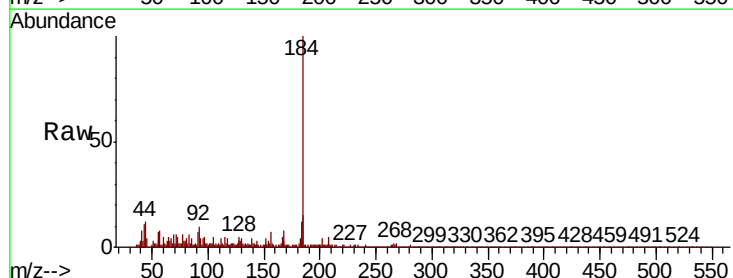
Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#77
Benzidine
Concen: 0.780 ng
RT: 12.68 min Scan# 1801
Delta R.T. 0.01 min
Lab File: BP000457.D
Acq: 27 Sep 2019 15:07

Tgt Ion	Ratio	Lower	Upper
184	100		
185	14.8	12.7	19.1
183	11.5	9.5	14.3

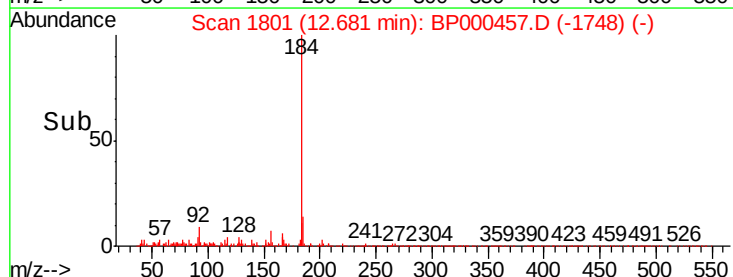
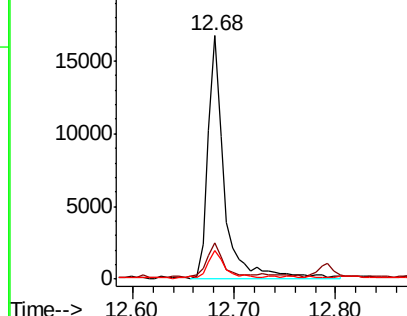


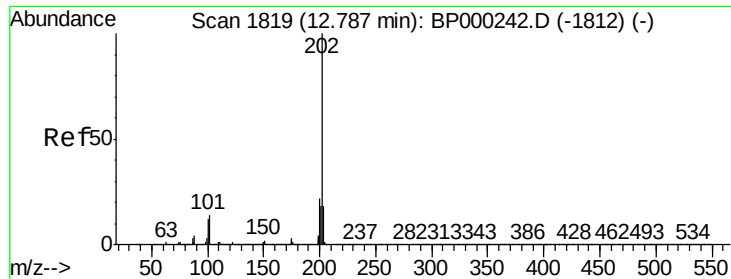
Abundance

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





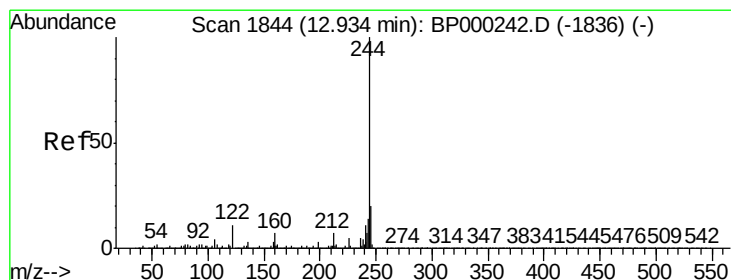
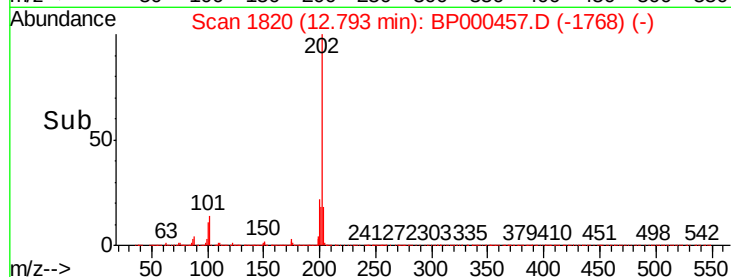
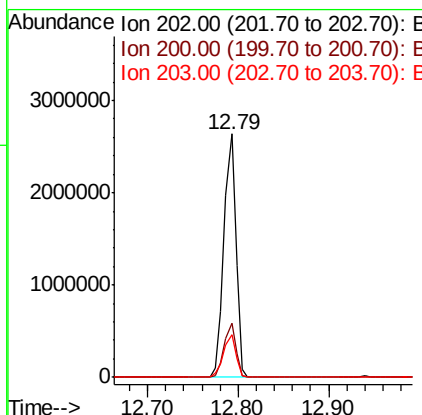
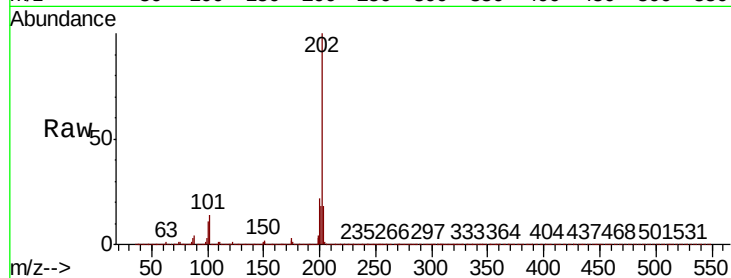
#78
Pvrene
Concen: 47.914 ng
RT: 12.79 min Scan# 1820
Delta R.T. 0.01 min
Lab File: BP000457.D
Acq: 27 Sep 2019 15:07

Instrument :
BNA_P
ClientSampleId :
BU-02-092419MS

Tot Ion	Ratio	Lower	Upper
202	100		
200	22.1	17.5	26.3
203	17.7	14.3	21.5

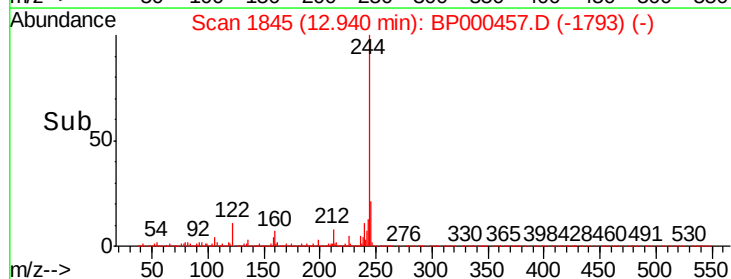
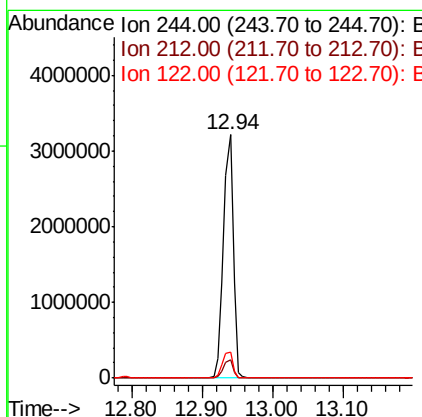
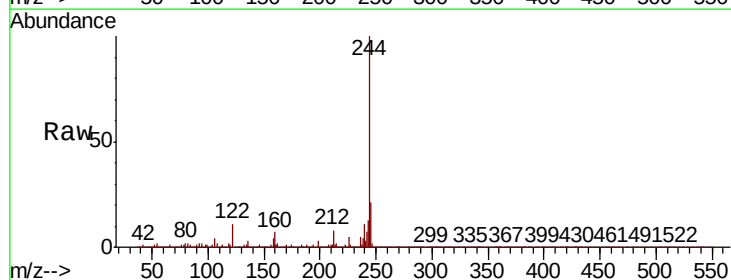
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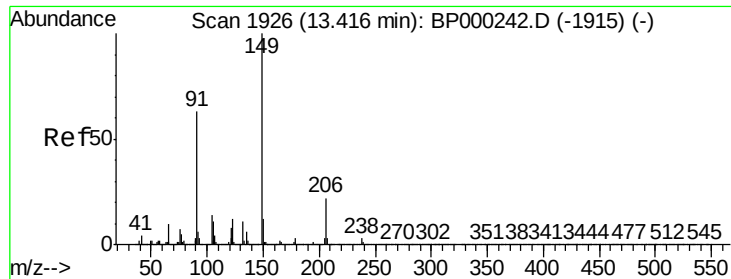
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#79
Terphenyl-d14
Concen: 97.777 ng
RT: 12.94 min Scan# 1845
Delta R.T. 0.01 min
Lab File: BP000457.D
Acq: 27 Sep 2019 15:07

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.6	5.9	8.9
122	10.6	9.0	13.4





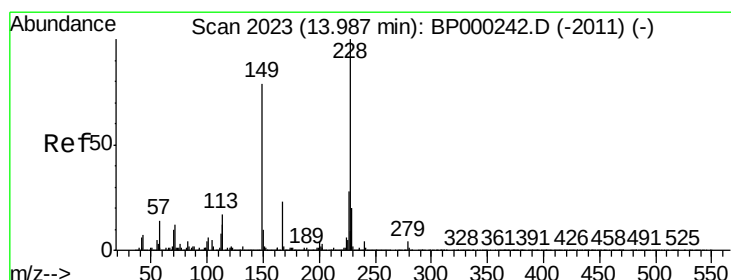
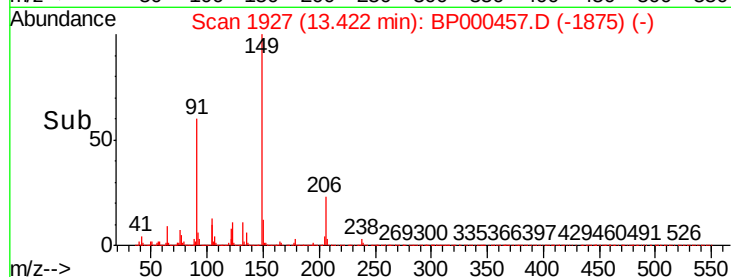
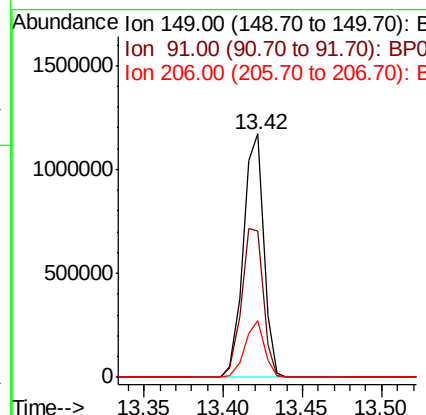
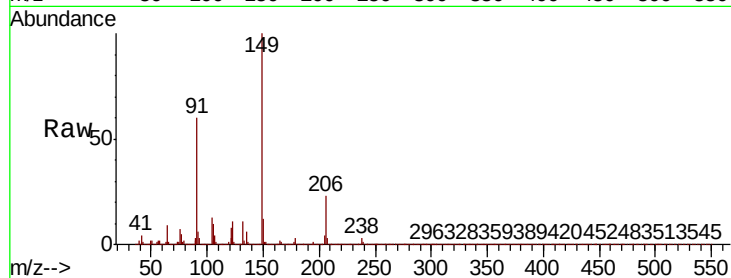
#80
Butylbenzylphthalate
Concen: 45.813 ng
RT: 13.42 min Scan# 1927
Delta R.T. 0.01 min
Lab File: BP000457.D
Acq: 27 Sep 2019 15:07

Instrument :
BNA_P
ClientSampleId :
BU-02-092419MS

Tot Ion	Ratio	Lower	Upper
149	100		
91	60.3	50.6	76.0
206	23.3	17.8	26.6

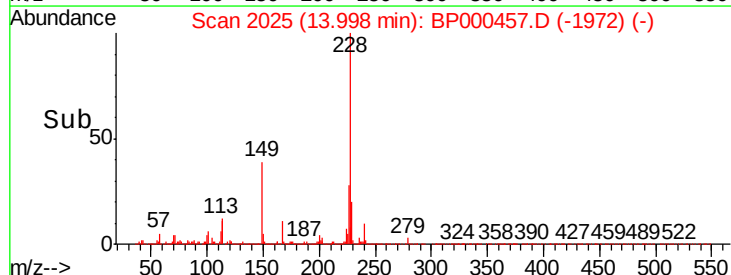
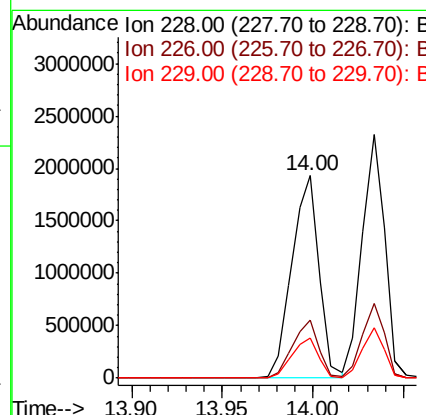
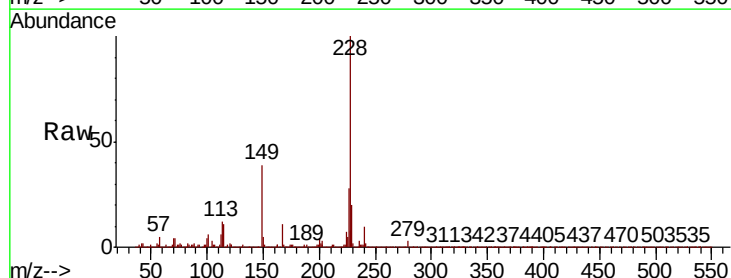
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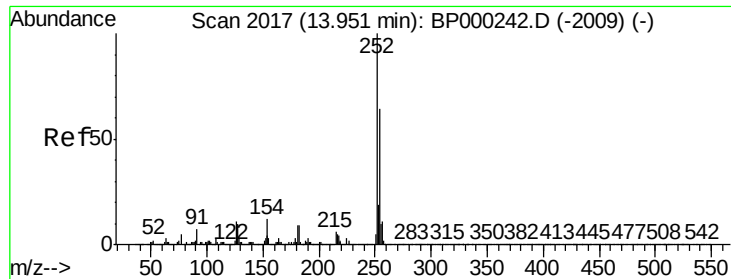
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#81
Benzo(a)anthracene
Concen: 47.946 ng
RT: 14.00 min Scan# 2025
Delta R.T. 0.01 min
Lab File: BP000457.D
Acq: 27 Sep 2019 15:07

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.4	22.2	33.4
229	20.1	16.0	24.0





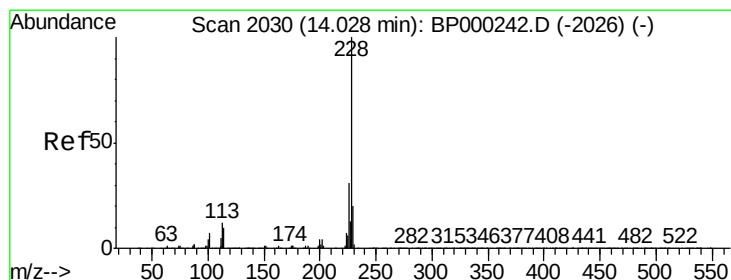
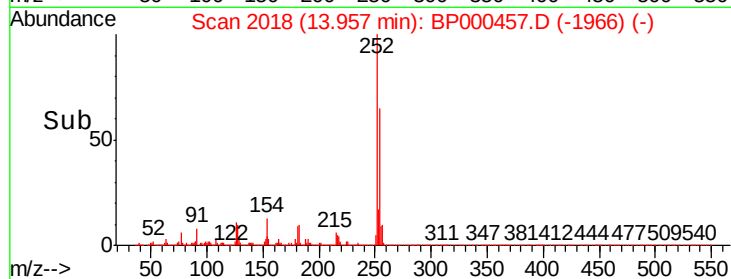
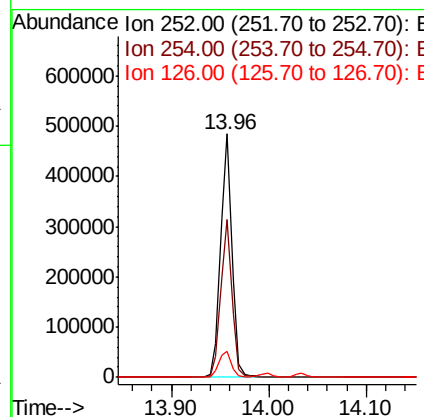
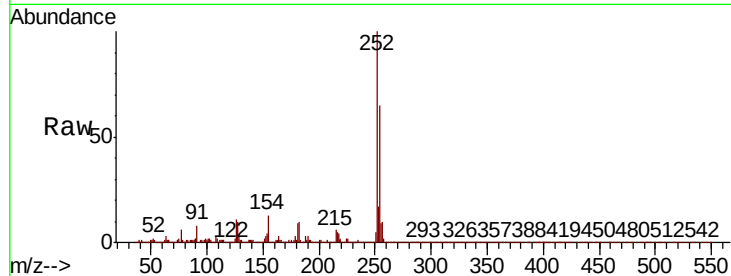
#82
 3,3'-Dichlorobenzidine
 Concen: 23.176 ng
 RT: 13.96 min Scan# 2018
 Delta R.T. 0.01 min
 Lab File: BP000457.D
 Acq: 27 Sep 2019 15:07

Instrument :
 BNA_P
 ClientSampleId :
 BU-02-092419MS

Tot Ion:	252	Resp:	392767
Ion Ratio	Lower	Upper	
252	100		
254	64.7	51.5	77.3
126	10.7	8.4	12.6

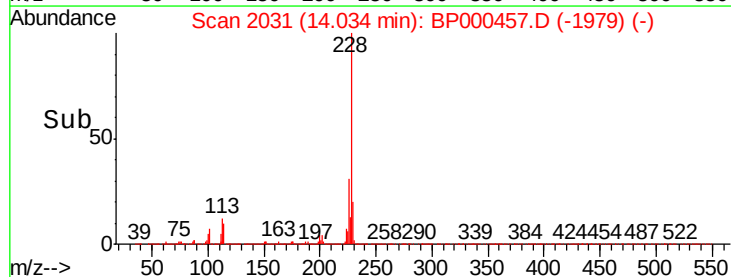
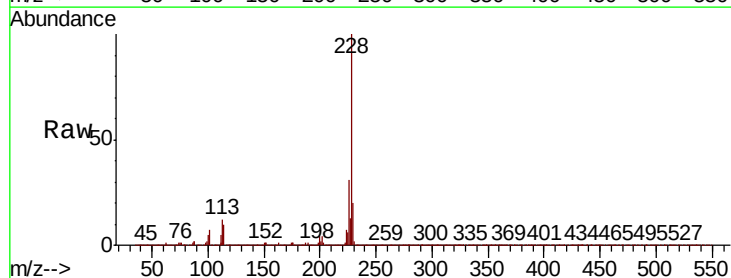
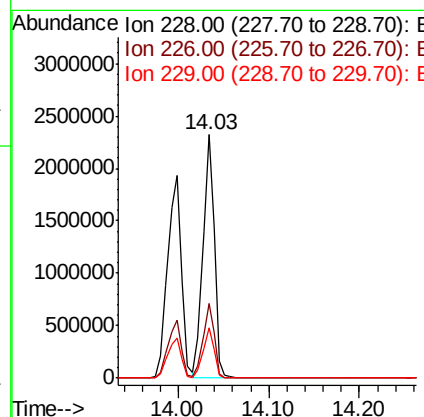
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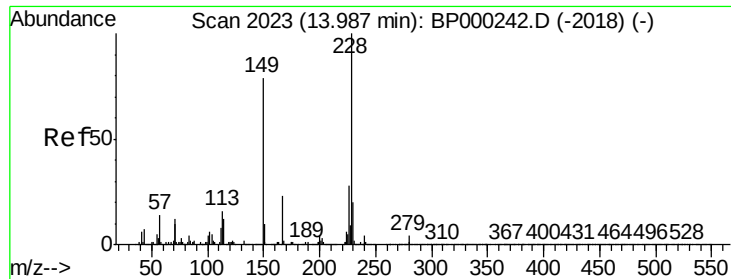
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#83
 Chrysene
 Concen: 49.085 ng
 RT: 14.03 min Scan# 2031
 Delta R.T. 0.01 min
 Lab File: BP000457.D
 Acq: 27 Sep 2019 15:07

Tgt Ion:	228	Resp:	2032246
Ion Ratio	Lower	Upper	
228	100		
226	30.7	24.9	37.3
229	20.4	16.2	24.2





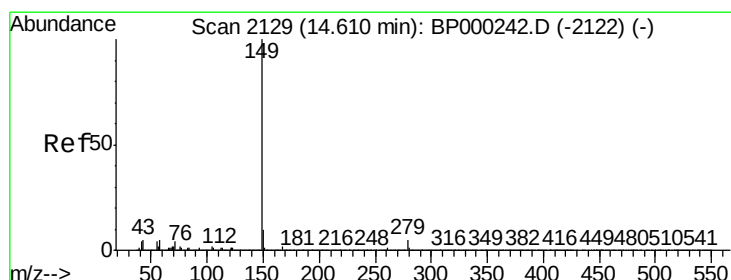
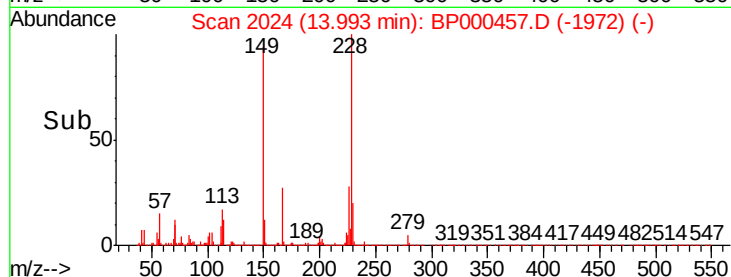
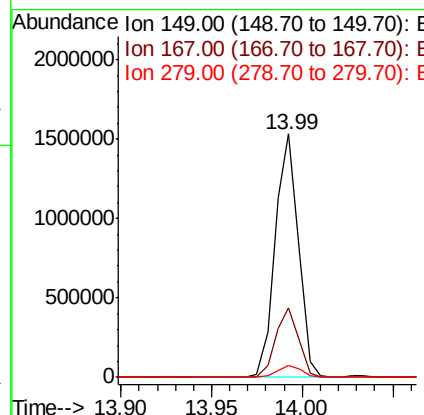
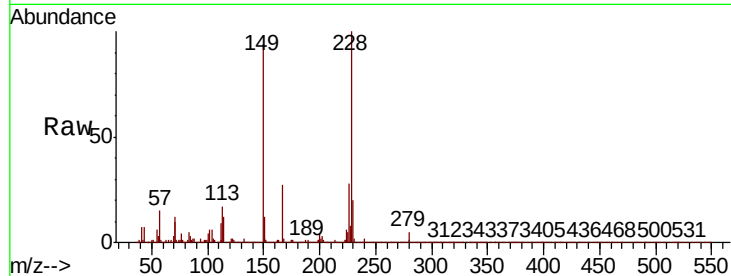
#84
 Bis(2-ethylhexyl)phthalate
 Concen: 49.272 ng
 RT: 13.99 min Scan# 2024
 Delta R.T. 0.01 min
 Lab File: BP000457.D
 Acq: 27 Sep 2019 15:07

Instrument :
 BNA_P
 ClientSampleId :
 BU-02-092419MS

Tot Ion	Ratio	Lower	Upper
149	100		
167	28.4	23.0	34.4
279	4.9	3.7	5.5

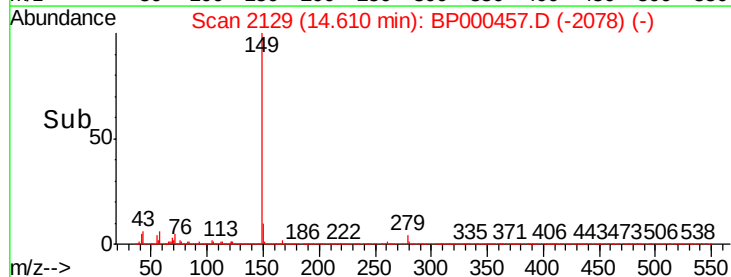
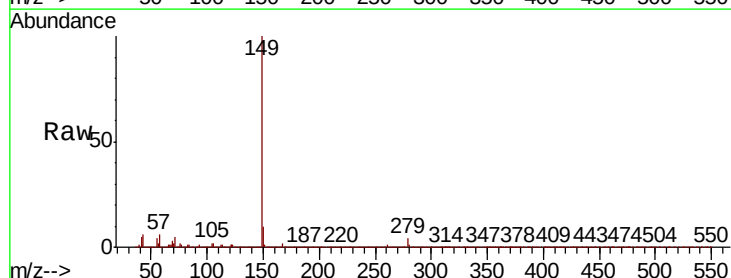
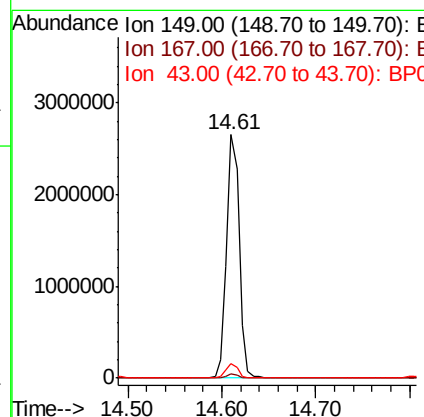
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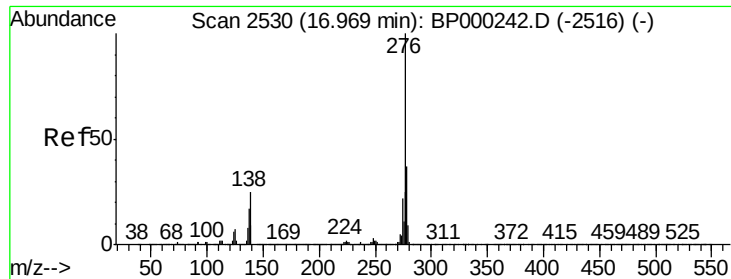
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#85
 Di-n-octyl phthalate
 Concen: 49.145 ng
 RT: 14.61 min Scan# 2129
 Delta R.T. -0.00 min
 Lab File: BP000457.D
 Acq: 27 Sep 2019 15:07

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.4	2.0
43	5.7	5.0	7.6





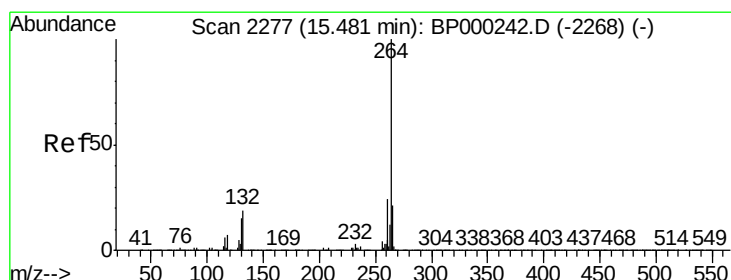
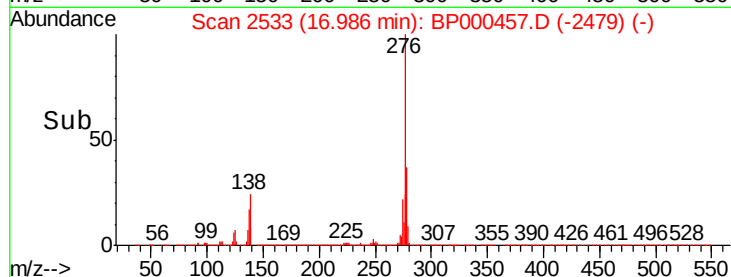
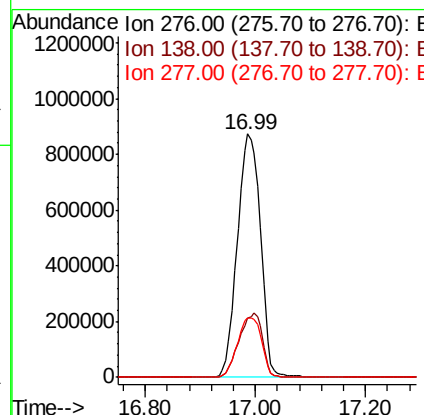
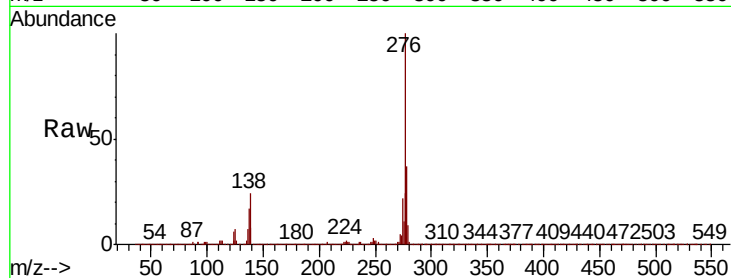
#86
Indeno(1,2,3-cd)pyrene
Concen: 50.729 ng
RT: 16.99 min Scan# 2533
Delta R.T. 0.02 min
Lab File: BP000457.D
Acq: 27 Sep 2019 15:07

Instrument :
BNA_P
ClientSampleId :
BU-02-092419MS

Tot Ion	Ion	Ratio	Lower	Upper
276	100			
138	26.7	22.6	33.8	
277	25.5	20.4	30.6	

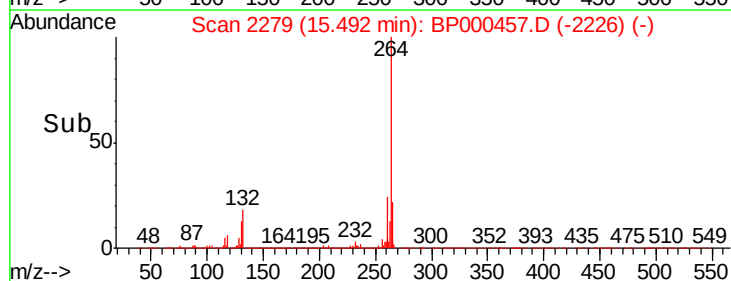
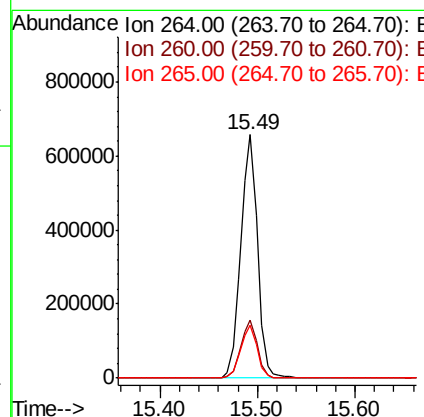
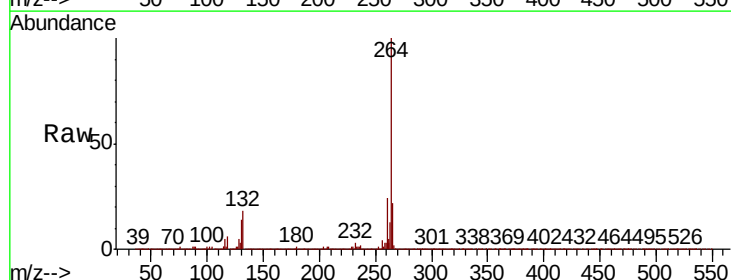
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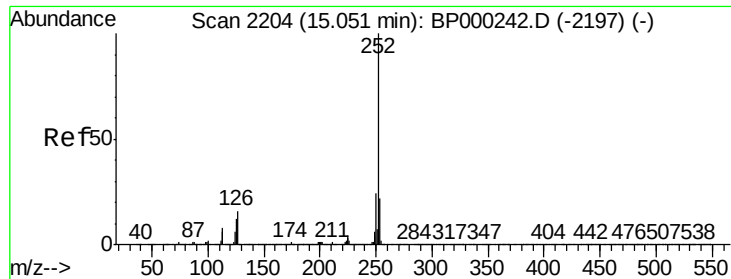
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#87
Perylene-d12
Concen: 20.000 ng
RT: 15.49 min Scan# 2279
Delta R.T. 0.01 min
Lab File: BP000457.D
Acq: 27 Sep 2019 15:07

Tgt Ion	Ion	Ratio	Lower	Upper
264	100			
260	24.0	18.9	28.3	
265	21.9	17.2	25.8	





#88

Benzo(b)fluoranthene

Concen: 47.709 ng

RT: 15.06 min Scan# 2206

Delta R.T. 0.01 min

Lab File: BP000457.D

Acq: 27 Sep 2019 15:07

Instrument :

BNA_P

ClientSampleId :

BU-02-092419MS

Tot Ion:252 Resp: 2217156

Ion Ratio Lower Upper

252 100

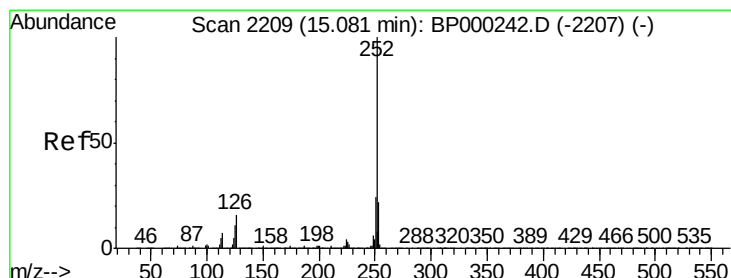
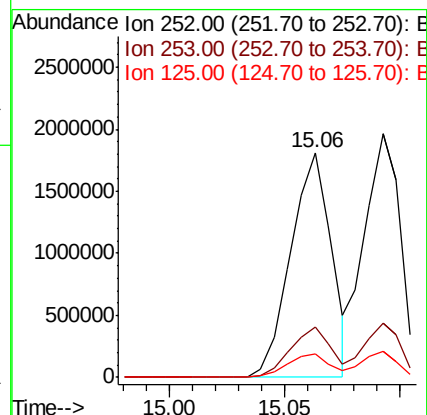
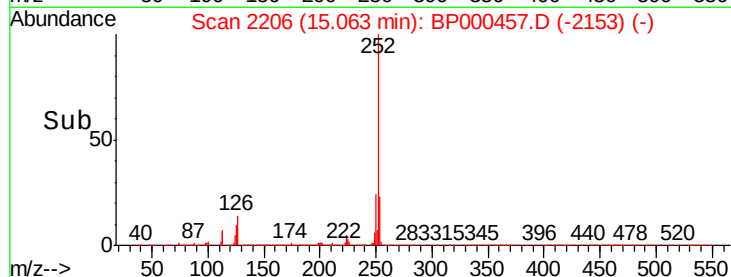
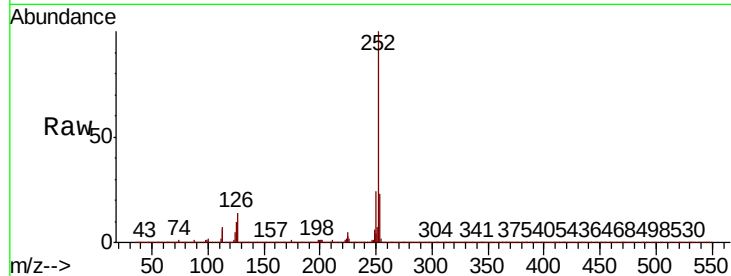
253 22.5 17.8 26.6

125 10.4 9.5 14.3

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#89

Benzo(k)fluoranthene

Concen: 53.404 ng

RT: 15.09 min Scan# 2211

Delta R.T. 0.01 min

Lab File: BP000457.D

Acq: 27 Sep 2019 15:07

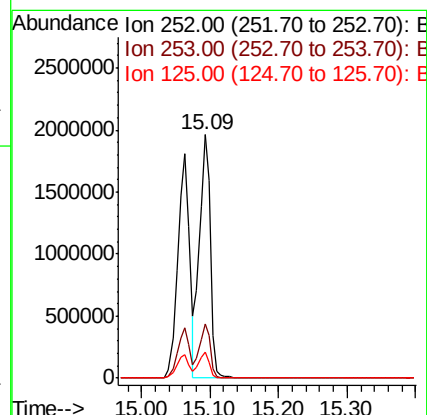
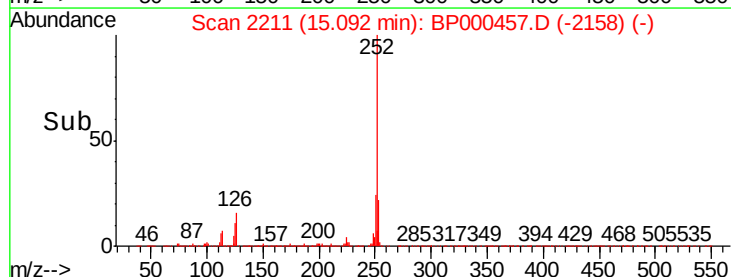
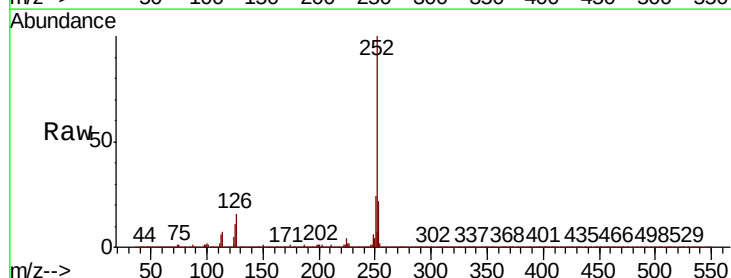
Tgt Ion:252 Resp: 2164881

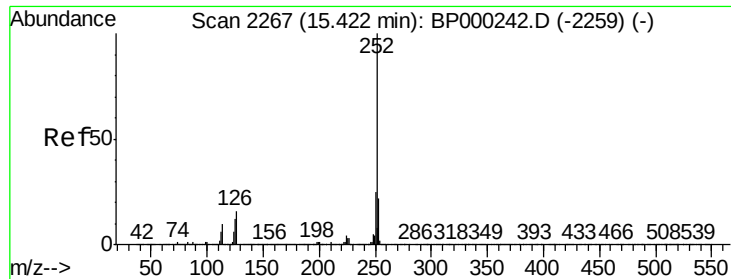
Ion Ratio Lower Upper

252 100

253 22.5 17.8 26.8

125 10.9 9.6 14.4





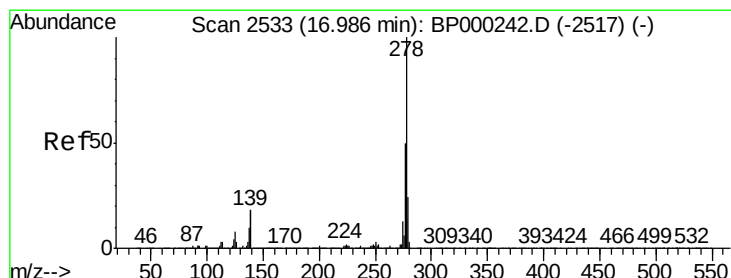
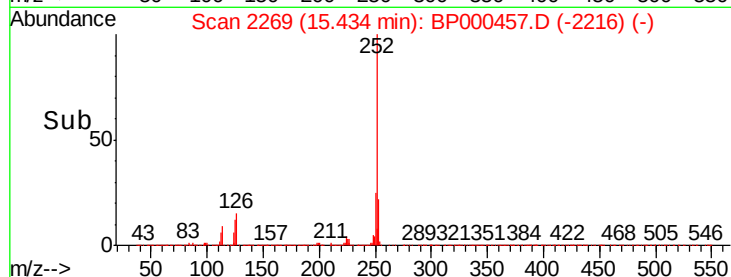
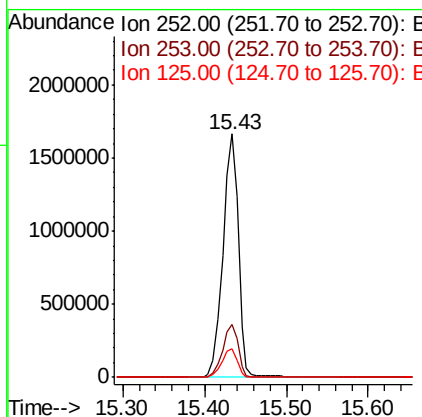
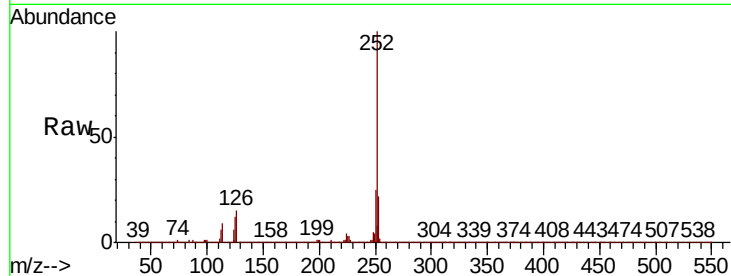
#90
Benzo(a)pyrene
Concen: 51.368 ng
RT: 15.43 min Scan# 2269
Delta R.T. 0.01 min
Lab File: BP000457.D
Acq: 27 Sep 2019 15:07

Instrument :
BNA_P
ClientSampleId :
BU-02-092419MS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.7	26.5
125	11.7	10.0	15.0

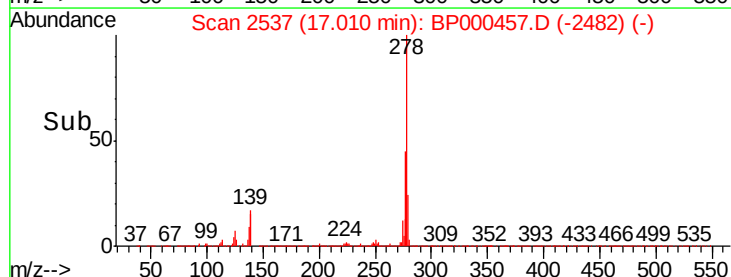
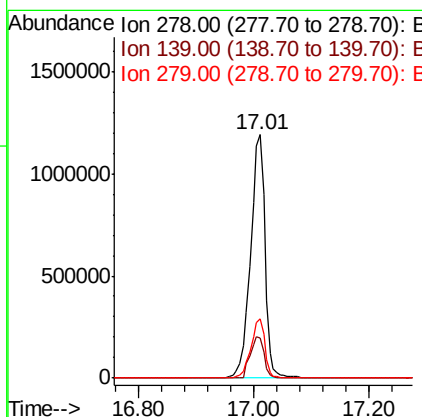
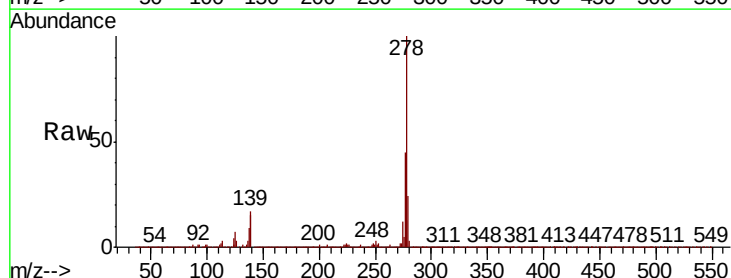
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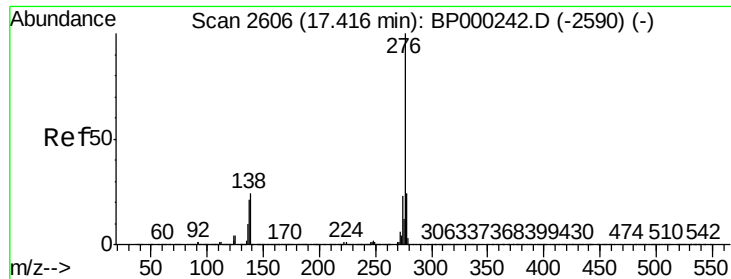
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#91
Dibenzo(a,h)anthracene
Concen: 52.959 ng
RT: 17.01 min Scan# 2537
Delta R.T. 0.02 min
Lab File: BP000457.D
Acq: 27 Sep 2019 15:07

Tgt Ion	Ratio	Lower	Upper
278	100		
139	16.7	14.5	21.7
279	24.2	19.0	28.6





#92
 Benzo(a,h,i)perylene
 Concen: 53.133 ng
 RT: 17.44 min Scan# 2610
 Delta R.T. 0.02 min
 Lab File: BP000457.D
 Acq: 27 Sep 2019 15:07

Instrument :
 BNA_P
 ClientSampleId :
 BU-02-092419MS

Tot Ion	Ratio	Lower	Upper
276	100		
277	24.2	19.1	28.7
138	23.6	19.5	29.3

Manual Integrations
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