

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP092619\
 Data File : BP000434.D
 Acq On : 26 Sep 2019 20:00
 Operator : JU
 Sample : K5038-09MSD
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 TS-2MSD

Manual Integrations
 APPROVED

mohammad
 9/27/2019 1:47:25 PM

Quant Time: Sep 27 03:45:40 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	194598	20.00	ng	0.00
21) Naphthalene-d8	8.08	136	704648	20.00	ng	0.00
39) Acenaphthene-d10	9.84	164	202963	20.00	ng	0.00
64) Phenanthrene-d10	11.33	188	384061	20.00	ng	0.00
76) Chrysene-d12	14.01	240	519466	20.00	ng	0.01
87) Perylene-d12	15.50	264	700923	20.00	ng	0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.42	112	859263	76.23	ng	0.02
7) Phenol-d6	6.44	99	1300483	94.12	ng	0.02
23) Nitrobenzene-d5	7.35	82	720146	65.94	ng	0.00
42) 2,4,6-Tribromophenol	10.63	330	240854	119.64	ng	0.00
45) 2-Fluorobiphenyl	9.15	172	881587	78.18	ng	0.00
79) Terphenyl-d14	12.94	244	1357207	54.81	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.53	88	211396	41.558	ng	99
3) Pyridine	3.29	79	513500	37.498	ng	100
4) n-Nitrosodimethylamine	3.22	42	178399	46.201	ng	96
6) Aniline	6.46	93	489067	25.671	ng	# 51
8) 2-Chlorophenol	6.58	128	597018	49.185	ng	96
9) Benzaldehyde	6.34	77	379364	52.988	ng	97
10) Phenol	6.45	94	770568	49.085	ng	86
11) bis(2-Chloroethyl)ether	6.52	93	569406	47.364	ng	99
12) 1,3-Dichlorobenzene	6.73	146	645434	44.311	ng	99
13) 1,4-Dichlorobenzene	6.81	146	642088	44.305	ng	97
14) 1,2-Dichlorobenzene	6.96	146	549673	41.404	ng	99
15) Benzyl Alcohol	6.93	79	420209	41.790	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.07	45	388253	34.065	ng	88
17) 2-Methylphenol	7.06	107	413258	39.751	ng	95
18) Hexachloroethane	7.30	117	180577	33.670	ng	97
19) n-Nitroso-di-n-propylamine	7.20	70	260362	35.639	ng	98
20) 3+4-Methylphenols	7.21	107	534692	42.531	ng	# 70
22) Acetophenone	7.20	105	658199	43.103	ng	# 98
24) Nitrobenzene	7.37	77	549688	48.457	ng	96
25) Isophorone	7.61	82	990027	45.779	ng	98
26) 2-Nitrophenol	7.69	139	283910	47.209	ng	92
27) 2,4-Dimethylphenol	7.73	122	493903	51.559	ng	99
28) bis(2-Chloroethoxy)methane	7.82	93	642163	44.646	ng	99
29) 2,4-Dichlorophenol	7.94	162	467333	45.519	ng	98
30) 1,2,4-Trichlorobenzene	8.02	180	475379	40.396	ng	99
31) Naphthalene	8.10	128	1632652	50.028	ng	99
32) Benzoic acid	7.85	122	313637	48.491	ng	95
33) 4-Chloroaniline	8.15	127	233570	15.815	ng	100
34) Hexachlorobutadiene	8.22	225	314397	45.090	ng	100
35) Caprolactam	8.50	113	82962m	23.754	ng	
36) 4-Chloro-3-methylphenol	8.64	107	274252	26.314	ng	96
37) 2-Methylnaphthalene	8.79	142	591032	26.493	ng	97
38) 1-Methylnaphthalene	8.89	142	547946	26.220	ng	99
40) 1,2,4,5-Tetrachlorobenzene	8.96	216	321592	55.418	ng	98

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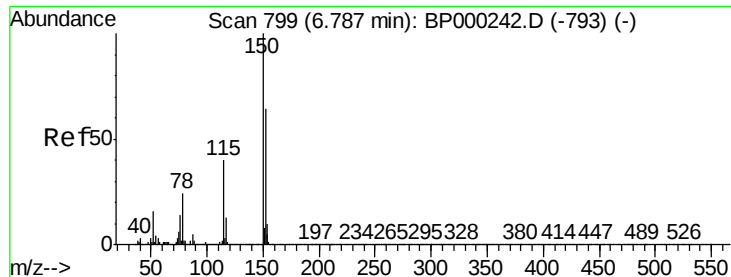
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.95	237	50517	15.160	nq	98
43) 2,4,6-Trichlorophenol	9.08	196	204958	51.042	nq	98
44) 2,4,5-Trichlorophenol	9.12	196	218996	53.262	nq	# 95
46) 1,1'-Biphenyl	9.26	154	736124	52.428	nq	98
47) 2-Chloronaphthalene	9.28	162	574297	48.760	nq	100
48) 2-Nitroaniline	9.38	65	144590	48.341	nq	90
49) Acenaphthylene	9.70	152	929273	52.488	nq	99
50) Dimethylphthalate	9.56	163	809722	58.556	nq	99
51) 2,6-Dinitrotoluene	9.62	165	146986	48.343	nq	96
52) Acenaphthene	9.87	154	525644	47.048	nq	99
53) 3-Nitroaniline	9.79	138	99476	28.187	nq	97
54) 2,4-Dinitrophenol	9.90	184	27881	20.756	nq	93
55) Dibenzofuran	10.05	168	836923	52.990	nq	97
56) 4-Nitrophenol	9.97	139	231419	88.162	nq	87
57) 2,4-Dinitrotoluene	10.03	165	192107	48.331	nq	91
58) Fluorene	10.39	166	644413	52.824	nq	99
59) 2,3,4,6-Tetrachlorophenol	10.17	232	181093	53.525	nq	98
60) Diethylphthalate	10.26	149	686616	51.617	nq	99
61) 4-Chlorophenyl-phenylether	10.38	204	339751	54.256	nq	98
62) 4-Nitroaniline	10.40	138	141317	40.710	nq	# 83
63) Azobenzene	10.54	77	527706	46.825	nq	94
65) 4,6-Dinitro-2-methylphenol	10.44	198	24480	13.556	nq	96
66) n-Nitrosodiphenylamine	10.50	169	568253	49.150	nq	99
67) 4-Bromophenyl-phenylether	10.87	248	223944	51.564	nq	100
68) Hexachlorobenzene	10.95	284	250329	52.724	nq	96
70) Pentachlorophenol	11.15	266	261738	101.217	nq	99
71) Phenanthrene	11.36	178	1016861	52.834	nq	99
72) Anthracene	11.41	178	1017288	51.351	nq	99
73) Carbazole	11.57	167	884858	49.597	nq	99
74) Di-n-butylphthalate	11.90	149	1085613	48.074	nq	# 99
75) Fluoranthene	12.56	202	1238285	59.918	nq	95
77) Benzdine	12.69	184	686996	37.030	nq	97
78) Pyrene	12.80	202	1310582	33.722	nq	99
80) Butylbenzylphthalate	13.42	149	855212	47.889	nq	98
81) Benzo(a)anthracene	14.00	228	1751291	53.371	nq	99
82) 3,3'-Dichlorobenzidine	13.96	252	650788	49.349	nq	99
83) Chrysene	14.04	228	1719739	53.378	nq	99
84) Bis(2-ethylhexyl)phthalate	13.99	149	1025577	47.841	nq	98
85) Di-n-octyl phthalate	14.62	149	2005854	50.485	nq	99
86) Indeno(1,2,3-cd)pyrene	17.00	276	1858051	47.313	nq	97
88) Benzo(b)fluoranthene	15.07	252	2138450	51.141	nq	99
89) Benzo(k)fluoranthene	15.10	252	1867725	51.206	nq	98
90) Benzo(a)pyrene	15.44	252	1776796	46.699	nq	99
91) Dibenzo(a,h)anthracene	17.02	278	1492714	42.080	nq	97
92) Benzo(g,h,i)perylene	17.45	276	907748	24.896	nq	# 91

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



#1

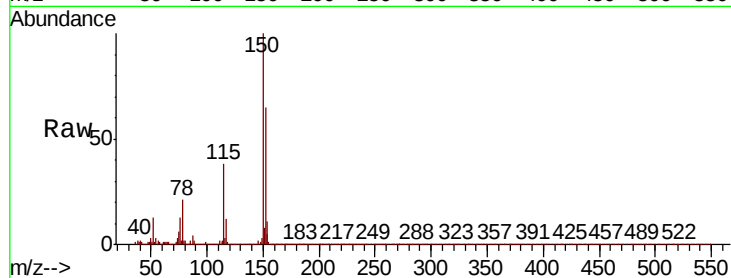
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.79 min Scan# 800
Delta R.T. 0.01 min
Lab File: BP000434.D
Acq: 26 Sep 2019 20:00

Instrument :
BNA_P
ClientSampled :
TS-2MSD

Tot Ion	Ratio	Resp	Lower	Upper
152	100	194598		
150	153.6	125.2	187.8	
115	58.0	49.7	74.5	

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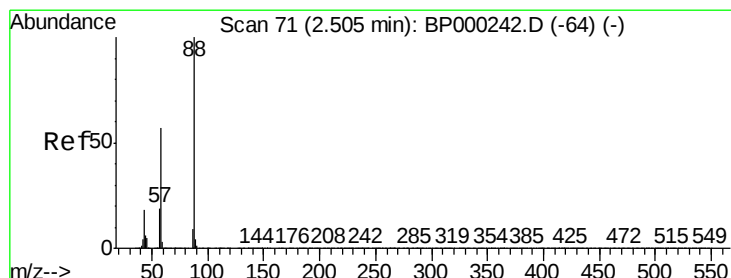
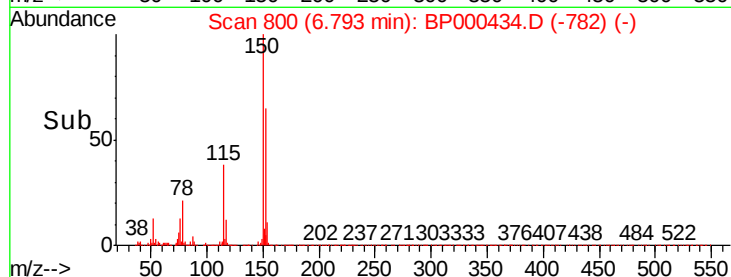
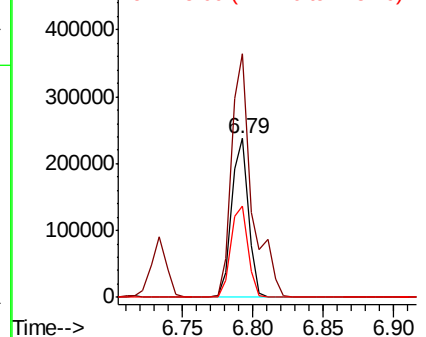


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

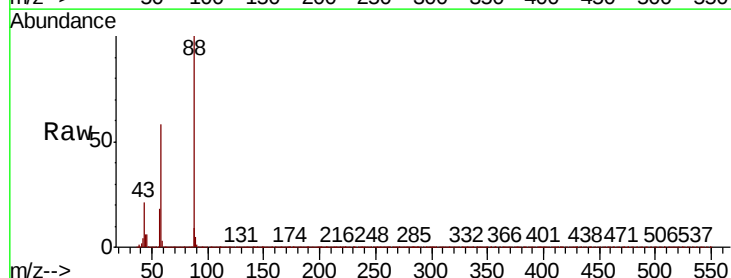
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 41.558 ng
RT: 2.53 min Scan# 75
Delta R.T. 0.02 min
Lab File: BP000434.D
Acq: 26 Sep 2019 20:00

Tgt Ion	Ratio	Resp	Lower	Upper
88	100	211396		
58	57.5	45.4	68.2	
43	19.8	15.0	22.6	

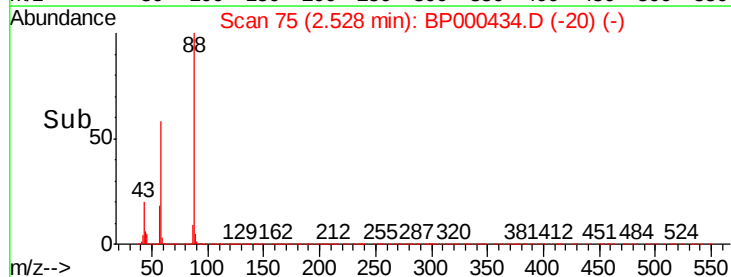
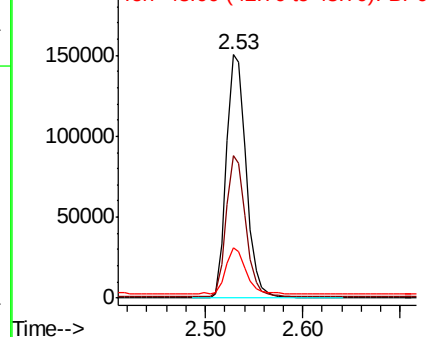


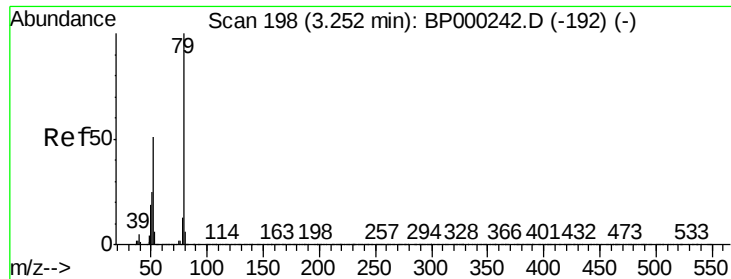
Abundance

Ion 88.00 (87.70 to 88.70): BP0

Ion 58.00 (57.70 to 58.70): BP0

Ion 43.00 (42.70 to 43.70): BP0





#3

Pvridine

Concen: 37.498 ng

RT: 3.29 min Scan# 204

Delta R.T. 0.04 min

Lab File: BP000434.D

Acq: 26 Sep 2019 20:00

Instrument :

BNA_P

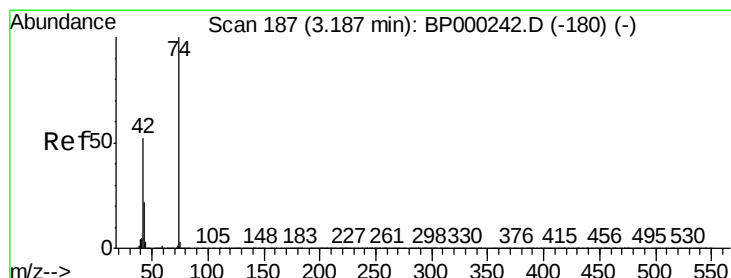
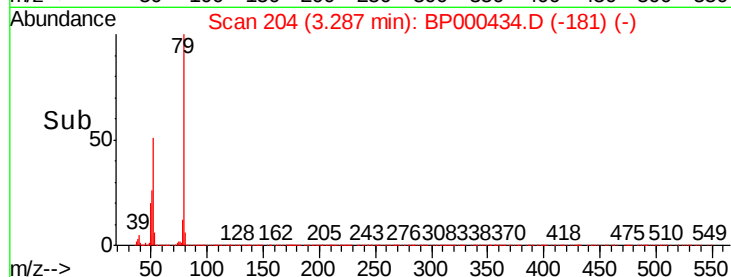
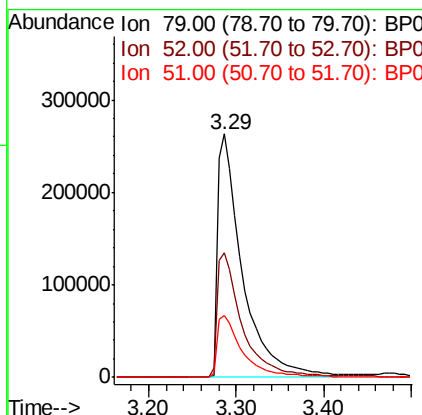
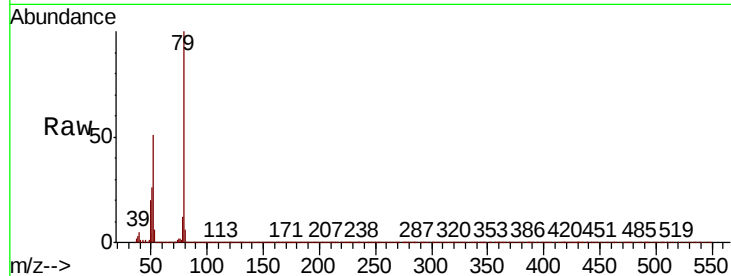
ClientSampleId :

TS-2MSD

Tot Ion:	79	Resp:	513500
Ion	Ratio	Lower	Upper
79	100		
52	51.2	40.9	61.3
51	25.6	20.2	30.2

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#4

n-Nitrosodimethylamine

Concen: 46.201 ng

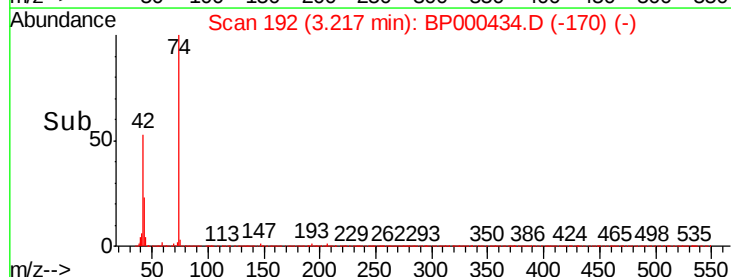
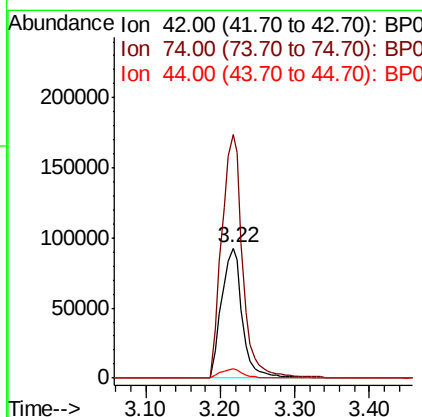
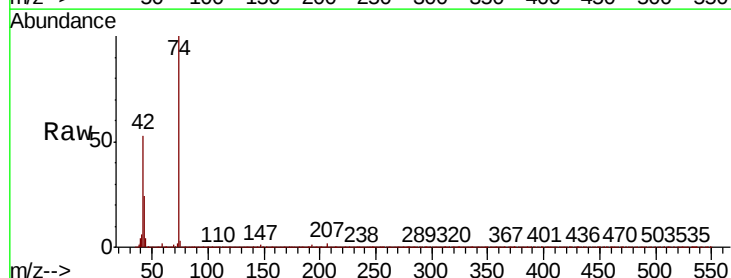
RT: 3.22 min Scan# 192

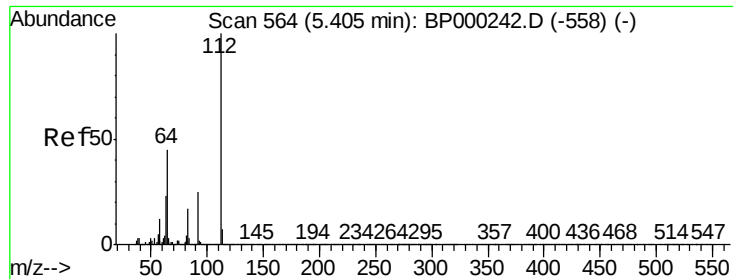
Delta R.T. 0.03 min

Lab File: BP000434.D

Acq: 26 Sep 2019 20:00

Tgt Ion:	42	Resp:	178399
Ion	Ratio	Lower	Upper
42	100		
74	186.9	154.5	231.7
44	7.3	5.9	8.9





#5

2-Fluorophenol

Concen: 76.228 ng

RT: 5.42 min Scan# 567

Delta R.T. 0.02 min

Lab File: BP000434.D

Acq: 26 Sep 2019 20:00

Instrument :

BNA_P

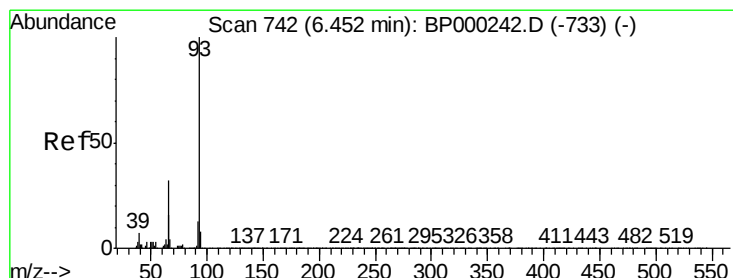
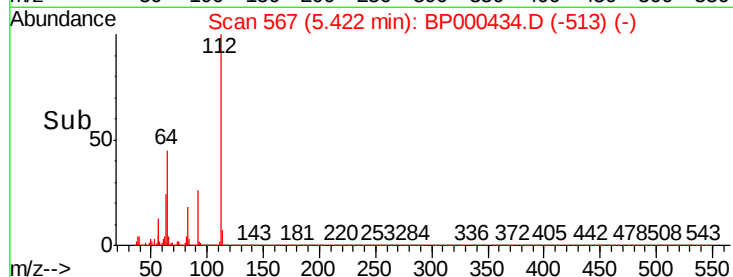
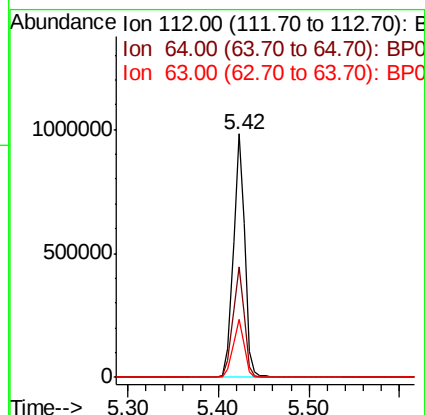
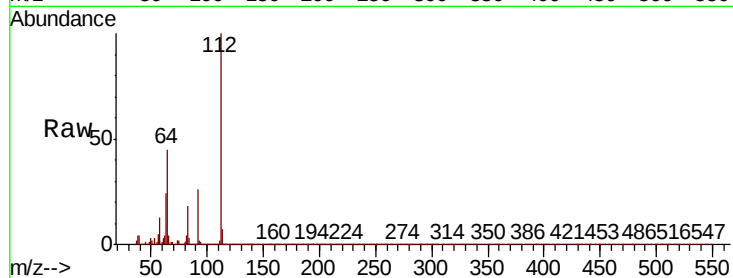
ClientSampled :

TS-2MSD

Tot Ion:	112	Resp:	859263
Ion Ratio	Lower	Upper	
112	100		
64	45.4	36.2	54.4
63	23.9	18.3	27.5

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#6

Aniline

Concen: 25.671 ng

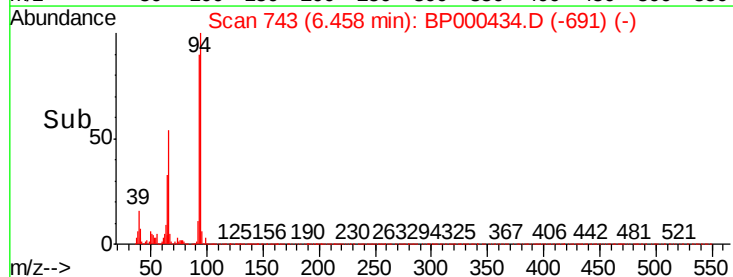
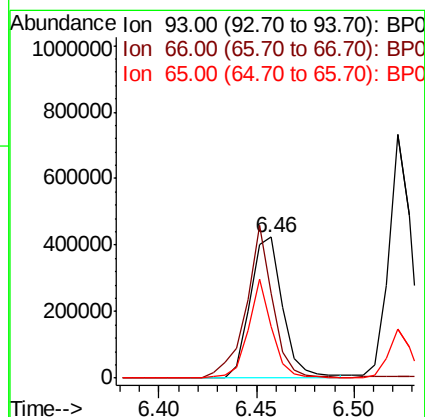
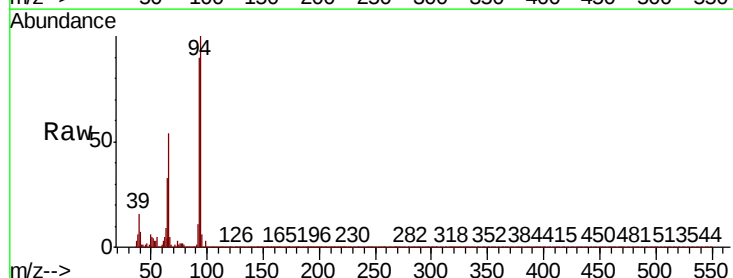
RT: 6.46 min Scan# 743

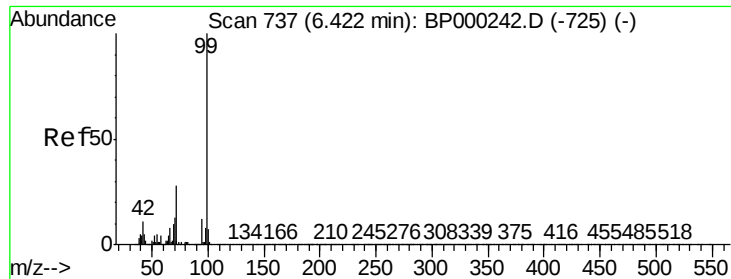
Delta R.T. 0.01 min

Lab File: BP000434.D

Acq: 26 Sep 2019 20:00

Tgt Ion:	93	Resp:	489067
Ion Ratio	Lower	Upper	
93	100		
66	60.2	26.2	39.2#
65	36.4	12.7	19.1#





#7

Phenol-d6

Concen: 94.119 ng

RT: 6.44 min Scan# 740

Delta R.T. 0.02 min

Lab File: BP000434.D

Acq: 26 Sep 2019 20:00

Instrument :

BNA_P

ClientSampleId :

TS-2MSD

Tot Ion: 99 Resp: 1300483

Ion Ratio Lower Upper

99 100

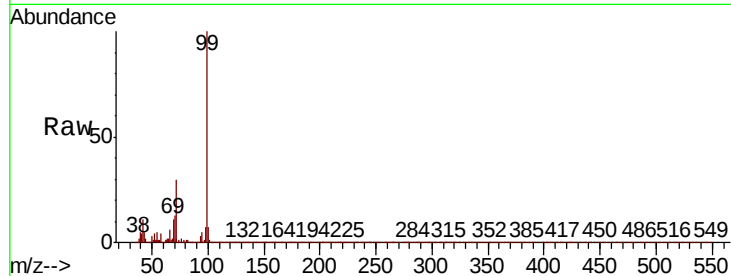
42 11.0 8.5 12.7

71 29.9 22.6 34.0

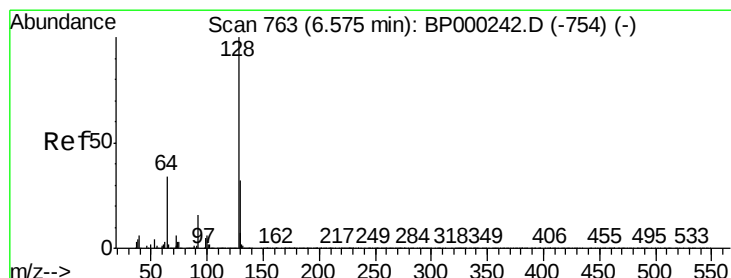
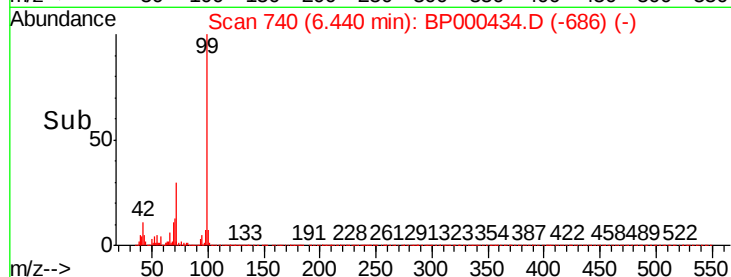
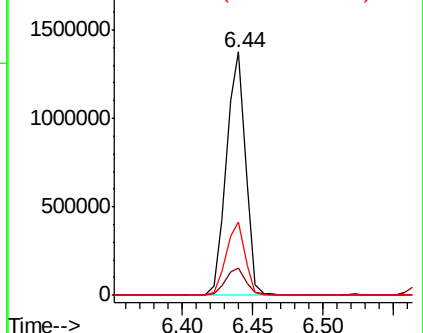
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Abundance Ion 99.00 (98.70 to 99.70): BP0
Ion 42.00 (41.70 to 42.70): BP0
Ion 71.00 (70.70 to 71.70): BP0



#8

2-Chlorophenol

Concen: 49.185 ng

RT: 6.58 min Scan# 764

Delta R.T. 0.01 min

Lab File: BP000434.D

Acq: 26 Sep 2019 20:00

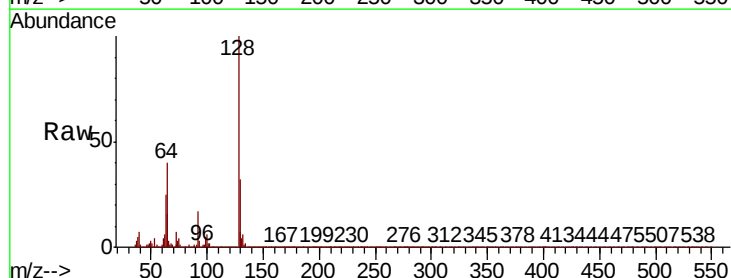
Tgt Ion:128 Resp: 597018

Ion Ratio Lower Upper

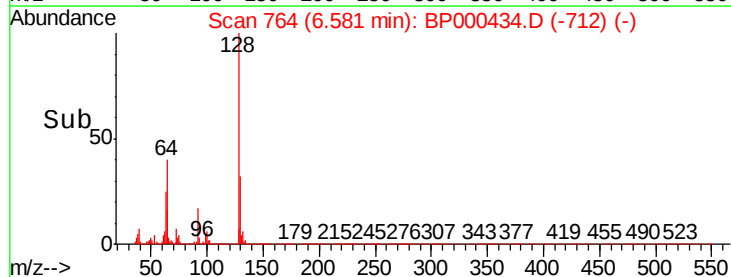
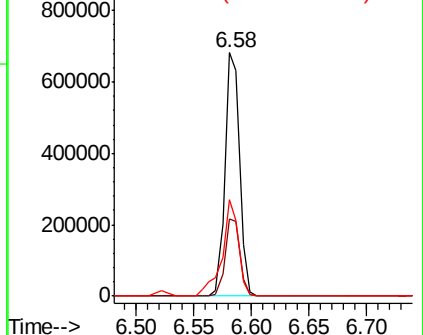
128 100

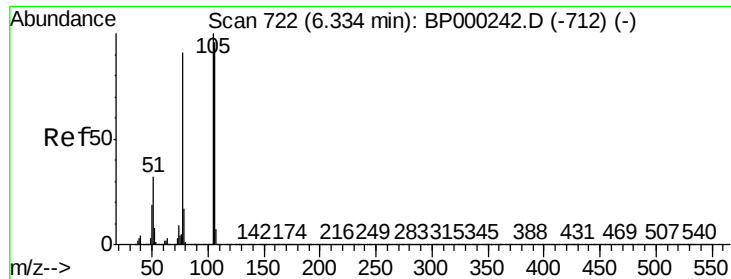
130 31.9 12.5 52.5

64 39.8 16.0 56.0



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 64.00 (63.70 to 64.70): BP0





#9

Benzaldehyde

Concen: 52.988 ng

RT: 6.34 min Scan# 723

Delta R.T. 0.01 min

Lab File: BP000434.D

Acq: 26 Sep 2019 20:00

Instrument :

BNA_P

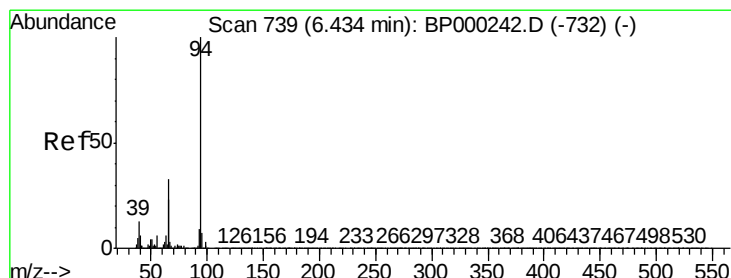
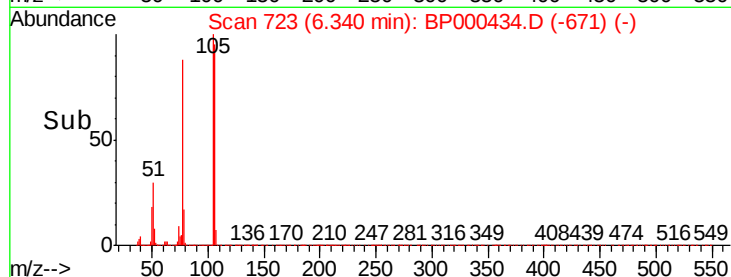
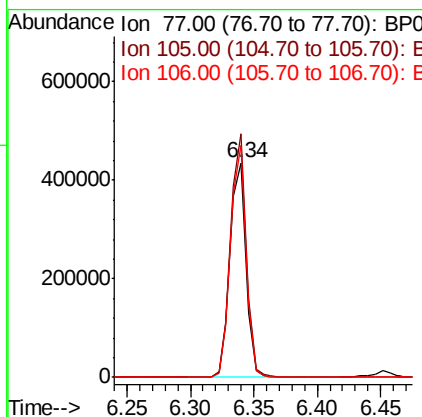
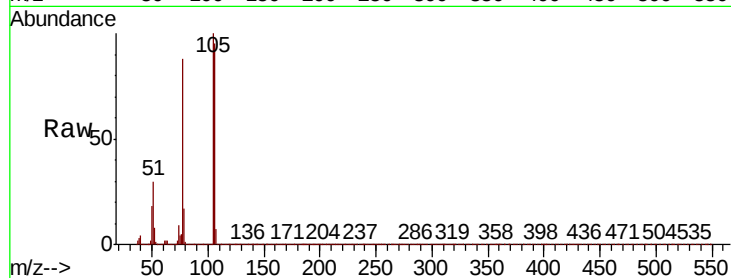
ClientSampleId :

TS-2MSD

Tot Ion:	77	Resp:	379364
Ion	Ratio	Lower	Upper
77	100		
105	113.3	89.6	129.6
106	107.8	84.6	124.6

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#10

Phenol

Concen: 49.085 ng

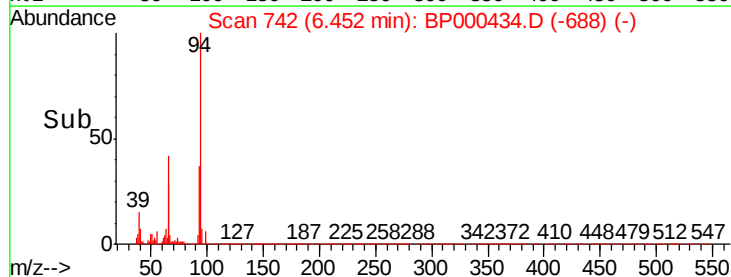
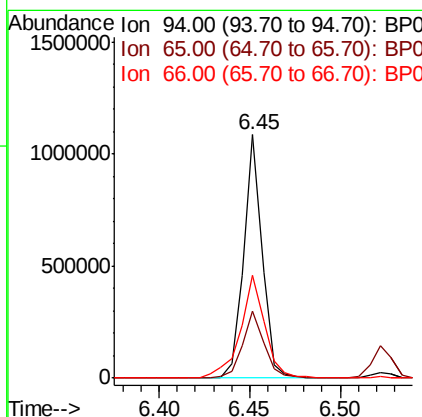
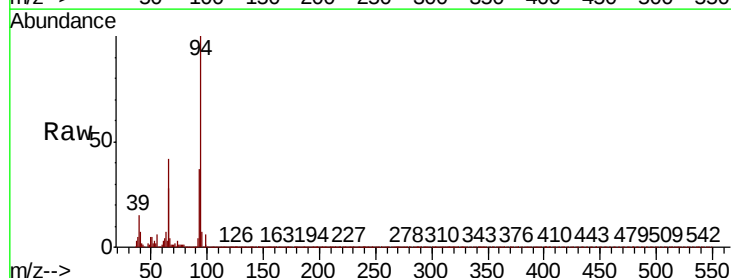
RT: 6.45 min Scan# 742

Delta R.T. 0.02 min

Lab File: BP000434.D

Acq: 26 Sep 2019 20:00

Tgt Ion:	94	Resp:	770568
Ion	Ratio	Lower	Upper
94	100		
65	27.5	3.3	43.3
66	42.3	12.7	52.7





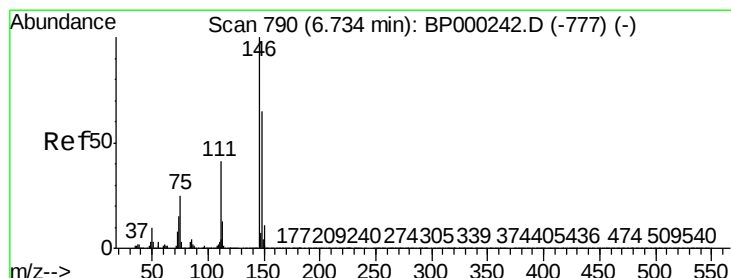
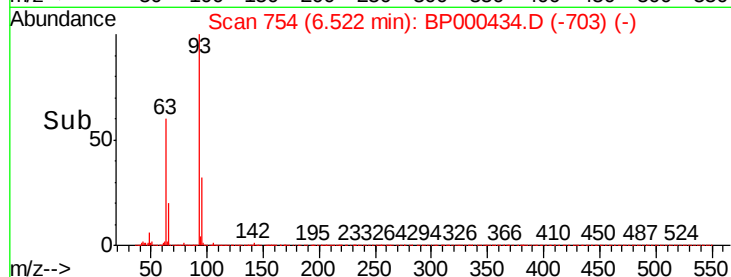
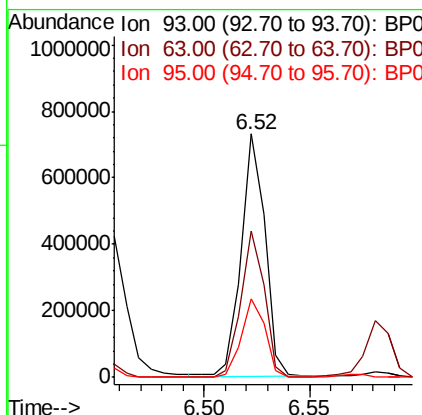
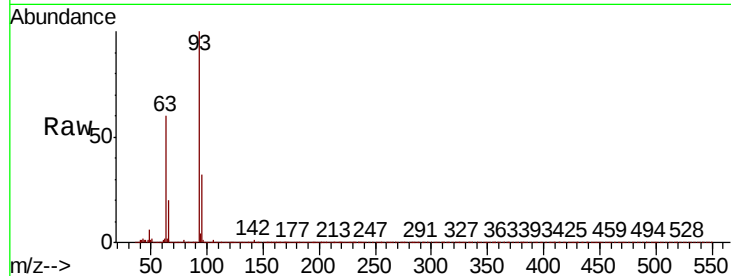
#11
bis(2-Chloroethyl)ether
Concen: 47.364 ng
RT: 6.52 min Scan# 754
Delta R.T. -0.00 min
Lab File: BP000434.D
Acq: 26 Sep 2019 20:00

Instrument :
BNA_P
ClientSampleId :
TS-2MSD

Tot Ion	Ratio	Resp	Lower	Upper
93	100			
63	60.3	41.0	81.0	
95	32.0	12.7	52.7	

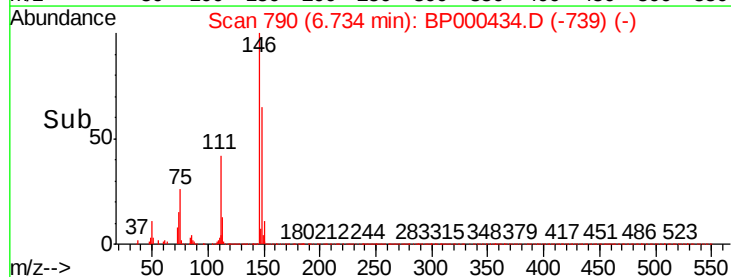
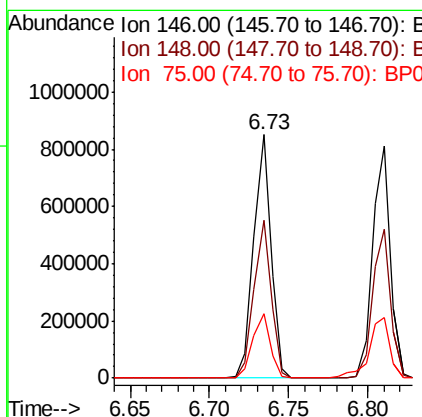
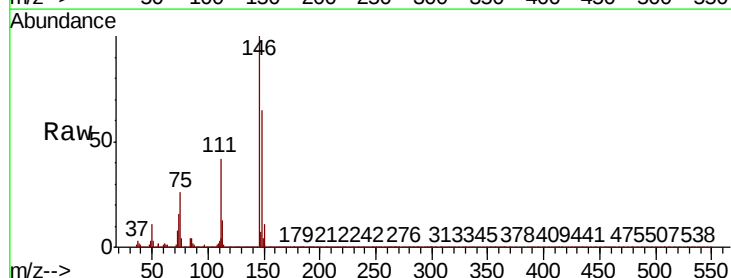
Manual Integrations
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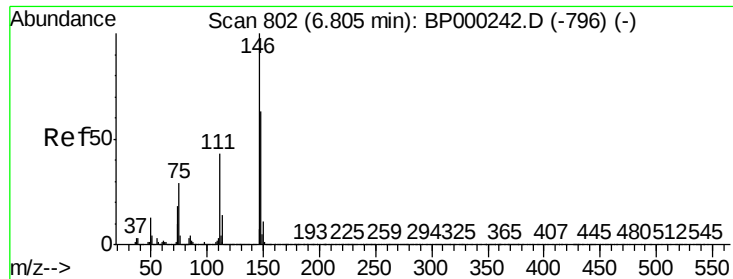
mohammad
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#12
1,3-Dichlorobenzene
Concen: 44.311 ng
RT: 6.73 min Scan# 790
Delta R.T. -0.00 min
Lab File: BP000434.D
Acq: 26 Sep 2019 20:00

Tgt Ion	Ratio	Resp	Lower	Upper
146	100			
148	64.9	52.1	78.1	
75	26.4	20.2	30.4	





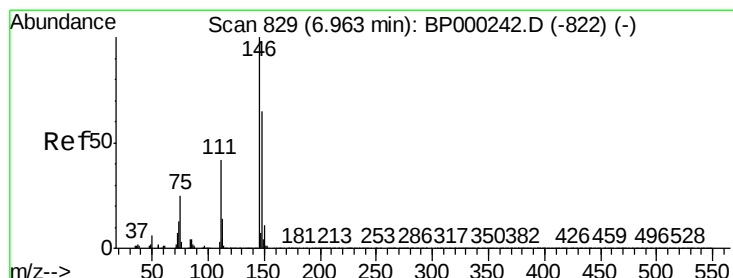
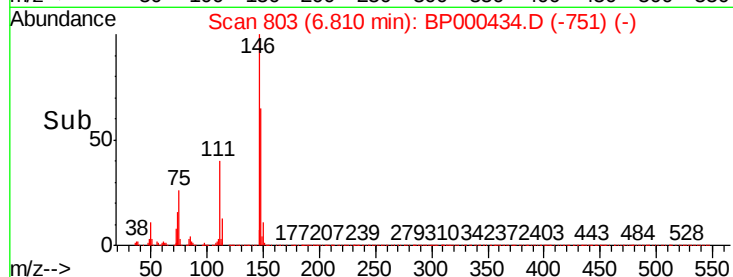
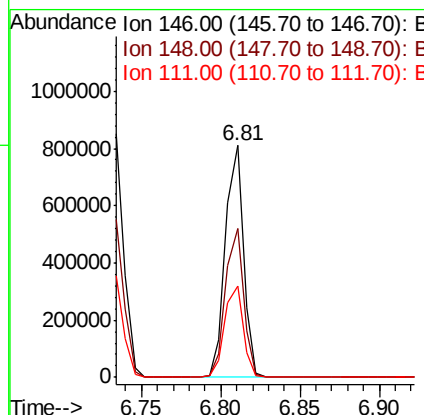
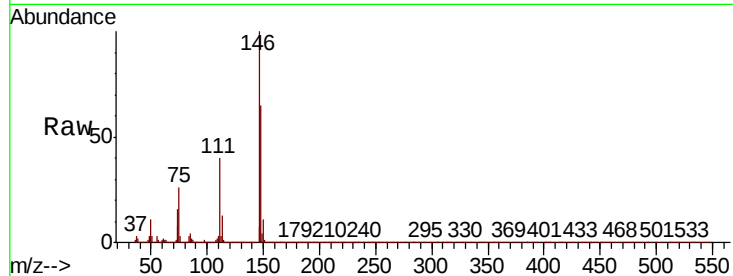
#13
1,4-Dichlorobenzene
Concen: 44.305 ng
RT: 6.81 min Scan# 803
Delta R.T. 0.01 min
Lab File: BP000434.D
Acq: 26 Sep 2019 20:00

Instrument :
BNA_P
ClientSampled :
TS-2MSD

Tot Ion	Ratio	Lower	Upper
146	100		
148	64.5	50.7	76.1
111	39.7	34.1	51.1

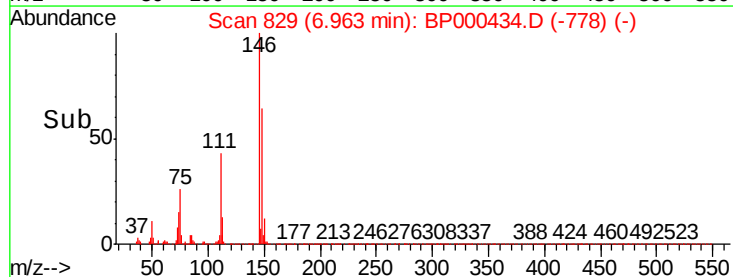
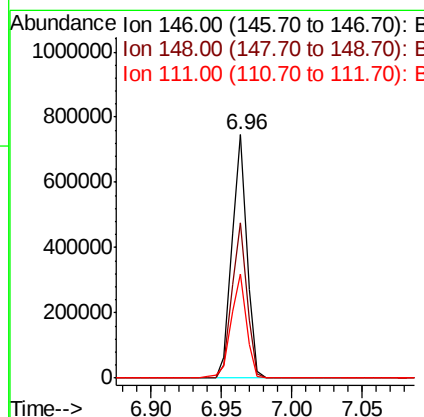
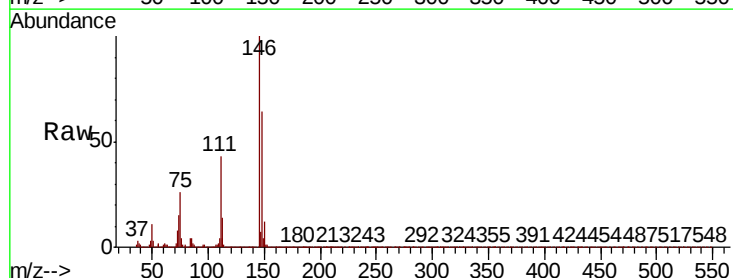
Manual Integrations
APPROVED

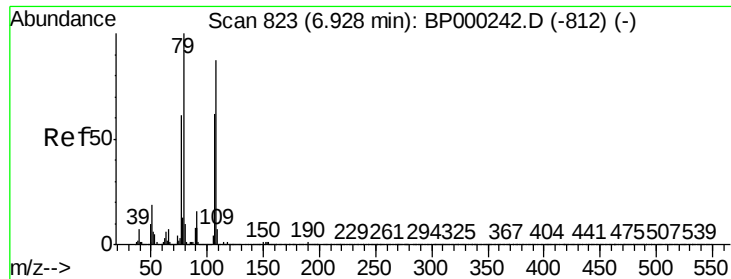
mohammad
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#14
1,2-Dichlorobenzene
Concen: 41.404 ng
RT: 6.96 min Scan# 829
Delta R.T. -0.00 min
Lab File: BP000434.D
Acq: 26 Sep 2019 20:00

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.8	51.7	77.5
111	42.8	33.4	50.2





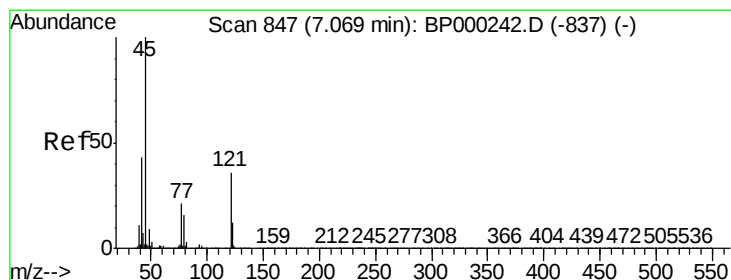
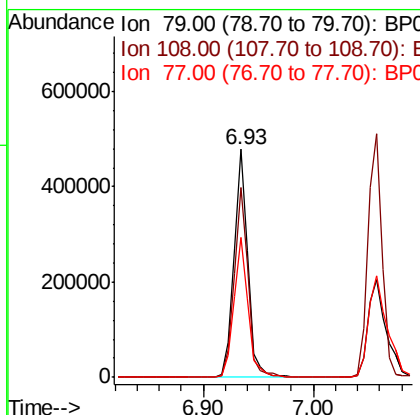
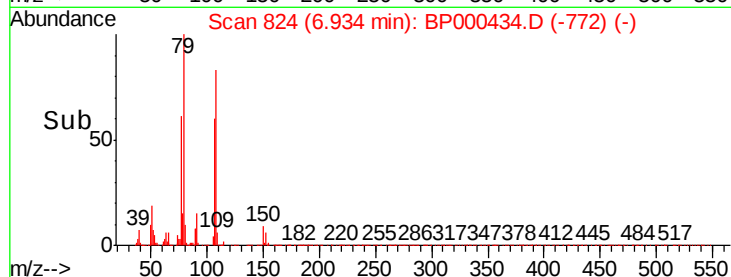
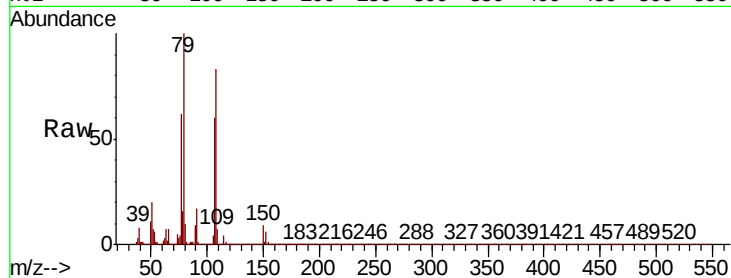
#15
Benzyl Alcohol
Concen: 41.790 ng
RT: 6.93 min Scan# 824
Delta R.T. 0.01 min
Lab File: BP000434.D
Acq: 26 Sep 2019 20:00

Instrument :
BNA_P
ClientSampleId :
TS-2MSD

Tot Ion	Ratio	Lower	Upper
79	100		
108	83.4	69.2	103.8
77	61.6	48.7	73.1

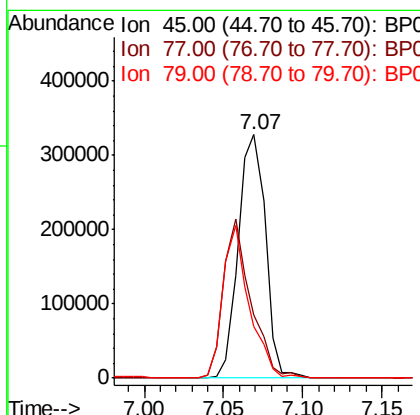
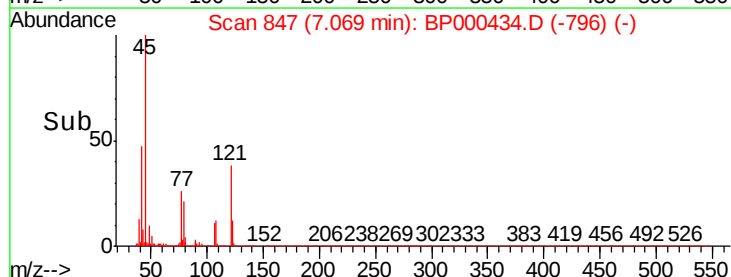
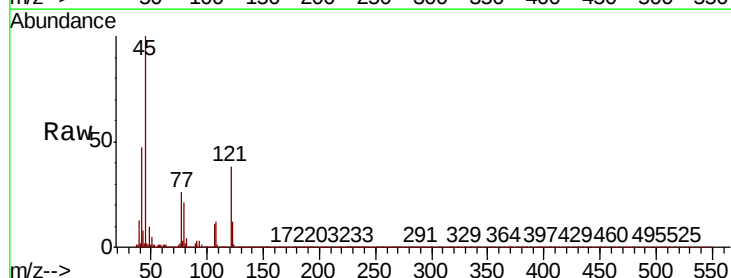
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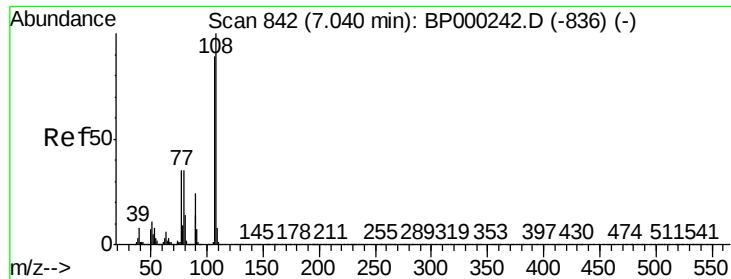
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 34.065 ng
RT: 7.07 min Scan# 847
Delta R.T. -0.00 min
Lab File: BP000434.D
Acq: 26 Sep 2019 20:00

Tgt Ion	Ratio	Lower	Upper
45	100		
77	26.1	0.7	40.7
79	21.3	0.0	36.4





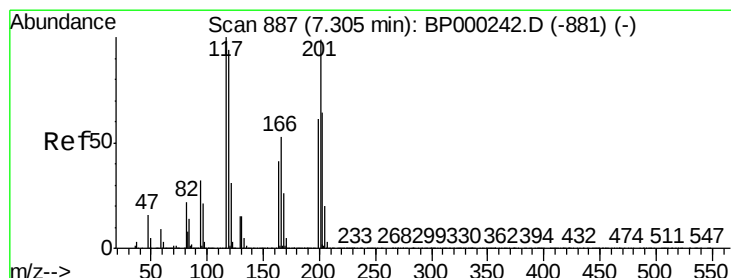
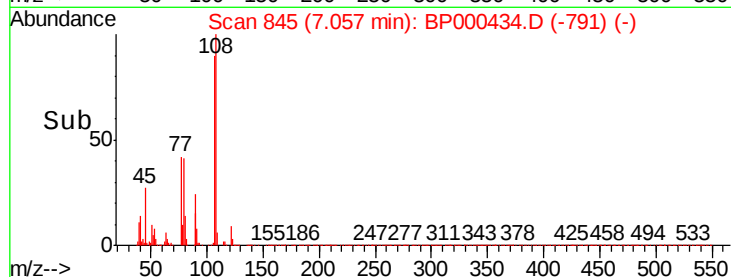
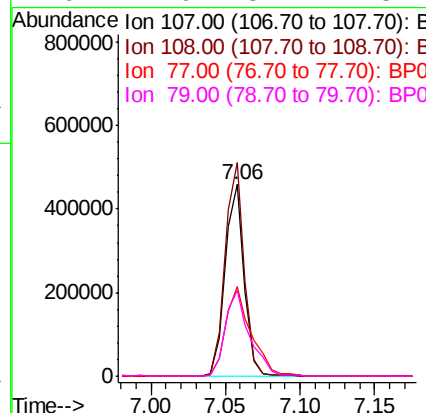
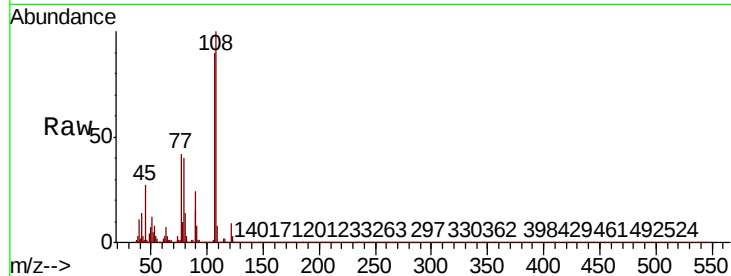
#17
2-Methylphenol
Concen: 39.751 ng
RT: 7.06 min Scan# 845
Delta R.T. 0.02 min
Lab File: BP000434.D
Acq: 26 Sep 2019 20:00

Instrument :
BNA_P
ClientSampleId :
TS-2MSD

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	111.3	90.1	135.1	
77	46.6	31.5	47.3	
79	44.9	32.2	48.2	

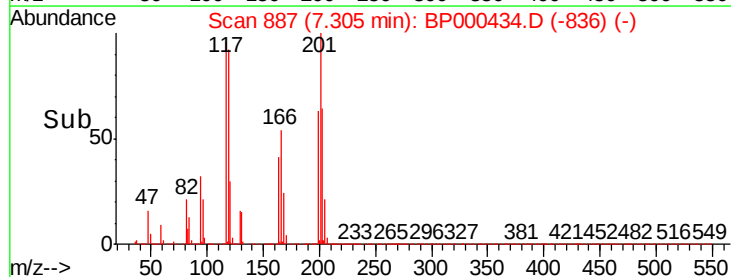
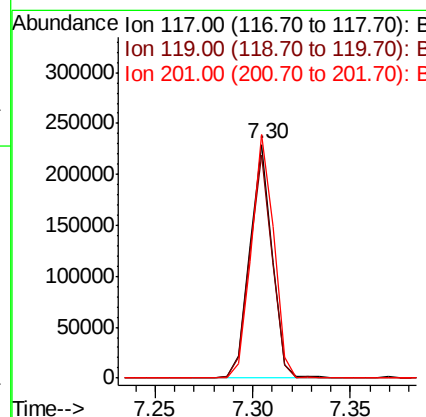
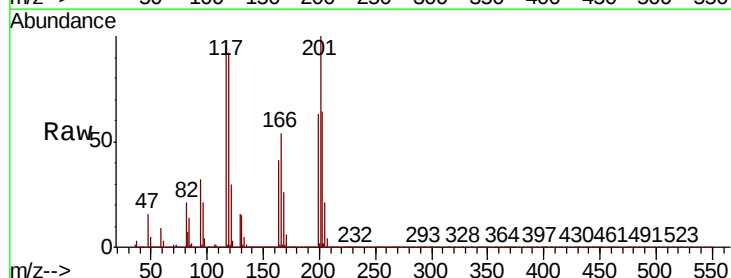
Manual Integrations
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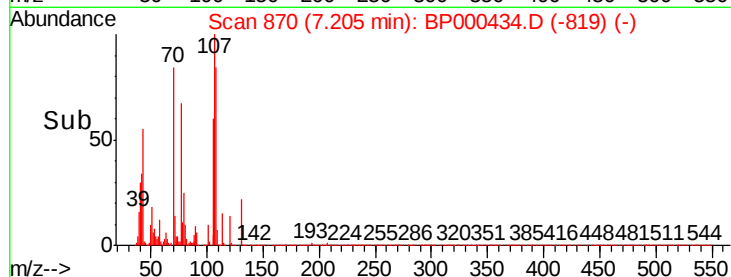
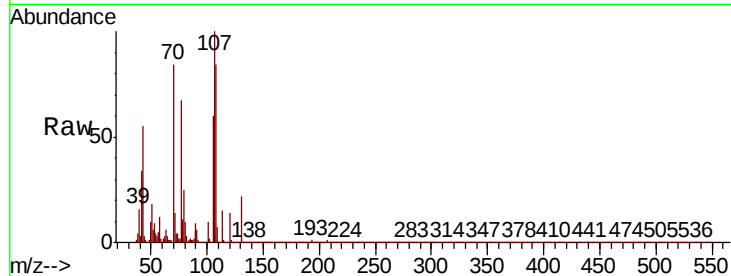
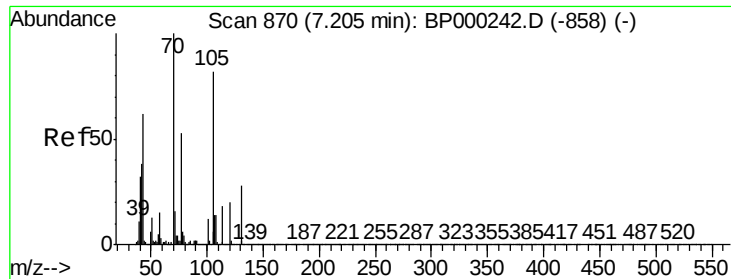
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#18
Hexachloroethane
Concen: 33.670 ng
RT: 7.30 min Scan# 887
Delta R.T. -0.00 min
Lab File: BP000434.D
Acq: 26 Sep 2019 20:00

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	95.6	75.6	113.4	
201	104.3	79.4	119.2	





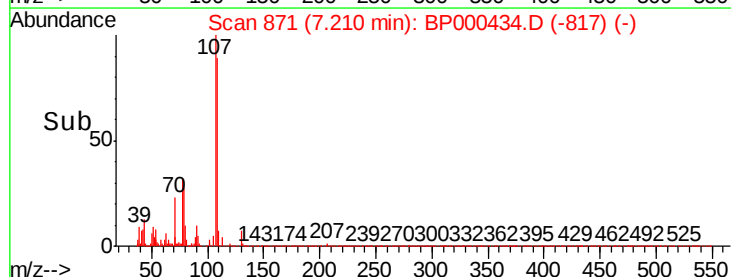
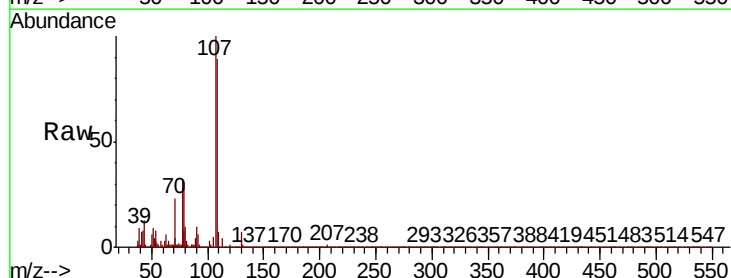
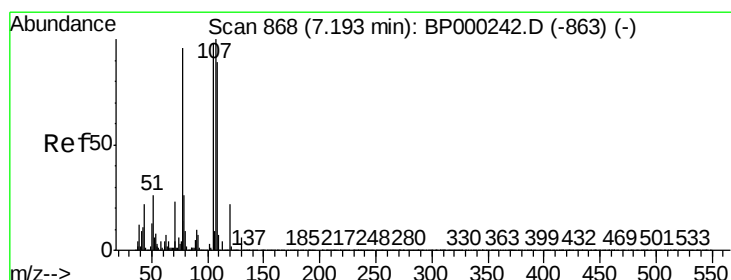
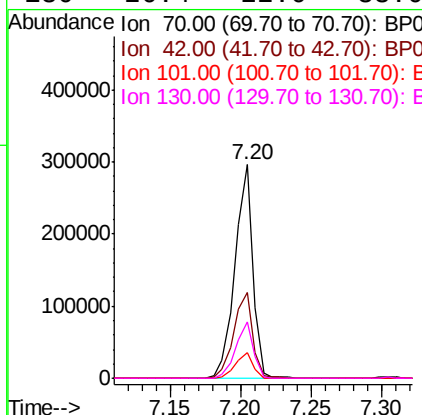
#19
n-Nitroso-di-n-propylamine
Concen: 35.639 ng
RT: 7.20 min Scan# 870
Delta R.T. -0.00 min
Lab File: BP000434.D
Acq: 26 Sep 2019 20:00

Instrument :
BNA_P
ClientSampleId :
TS-2MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
70	100		260362		
42	40.3	30.7	46.1		
101	11.9	9.6	14.4		
130	26.4	22.0	33.0		

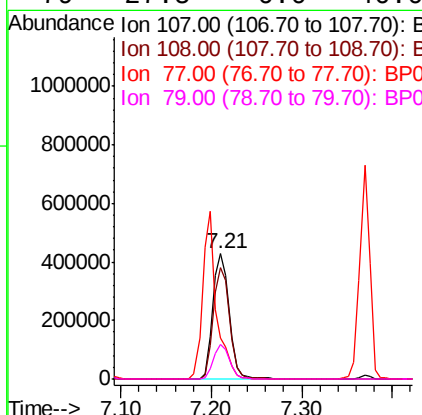
Manual Integrations
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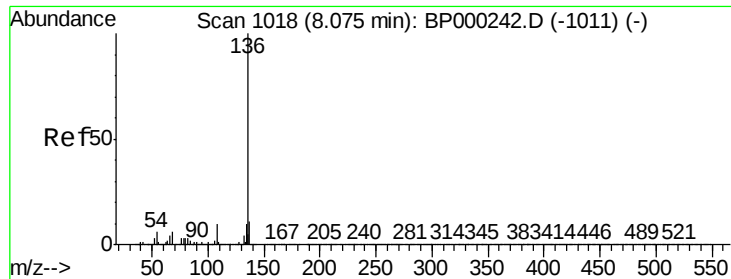
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#20
3+4-Methylphenols
Concen: 42.531 ng
RT: 7.21 min Scan# 871
Delta R.T. 0.02 min
Lab File: BP000434.D
Acq: 26 Sep 2019 20:00

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100		534692		
108	88.8	68.8	108.8		
77	32.3	75.7	115.7#		
79	27.5	6.0	46.0		





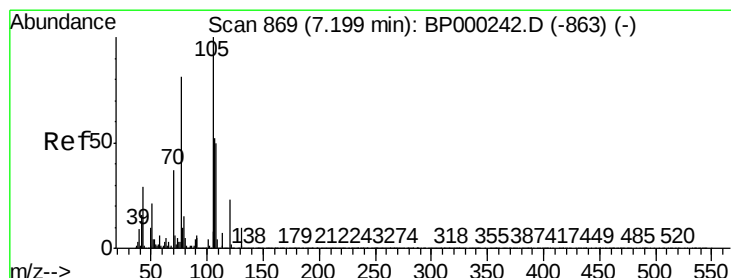
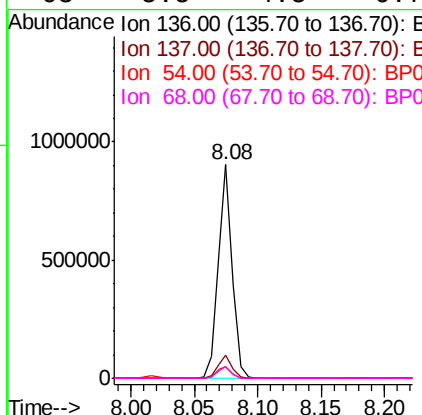
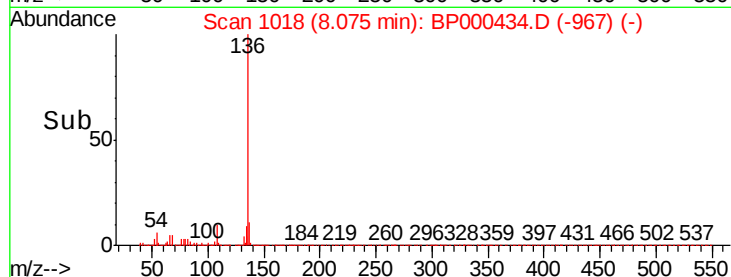
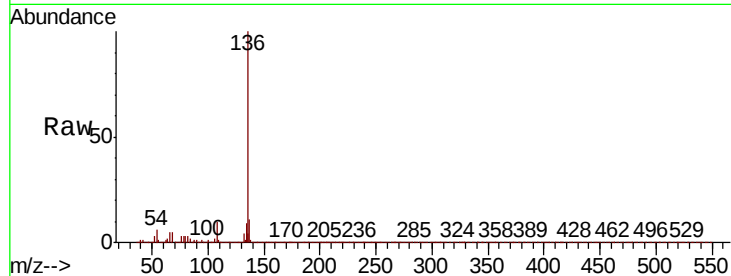
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.08 min Scan# 1018
Delta R.T. -0.00 min
Lab File: BP000434.D
Acq: 26 Sep 2019 20:00

Instrument :
BNA_P
ClientSampleId :
TS-2MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
136	100		704648		
137	10.9	8.6	13.0		
54	5.6	4.5	6.7		
68	5.5	4.5	6.7		

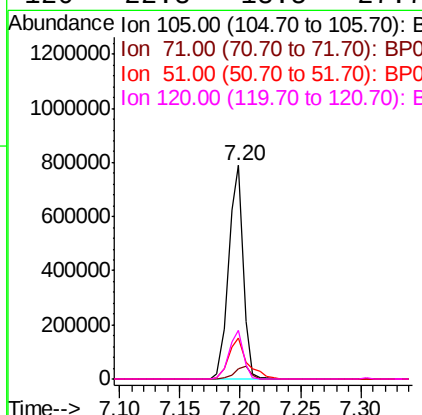
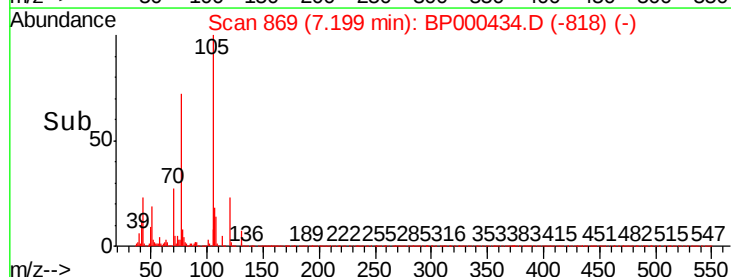
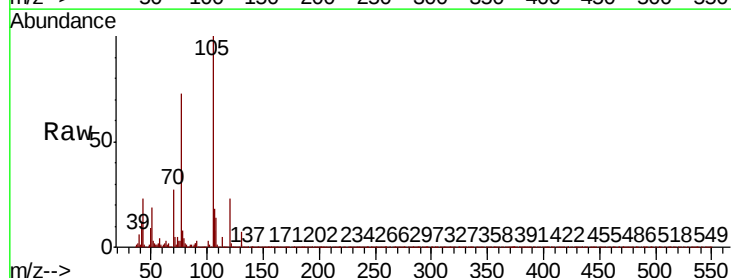
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#22
Acetophenone
Concen: 43.103 ng
RT: 7.20 min Scan# 869
Delta R.T. -0.00 min
Lab File: BP000434.D
Acq: 26 Sep 2019 20:00

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
105	100		658199		
71	4.6	5.2	7.8#		
51	19.1	16.6	24.8		
120	22.8	18.5	27.7		





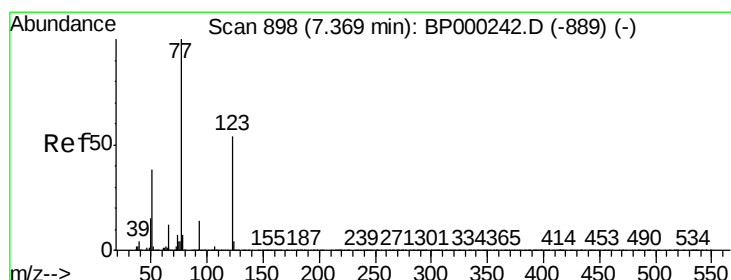
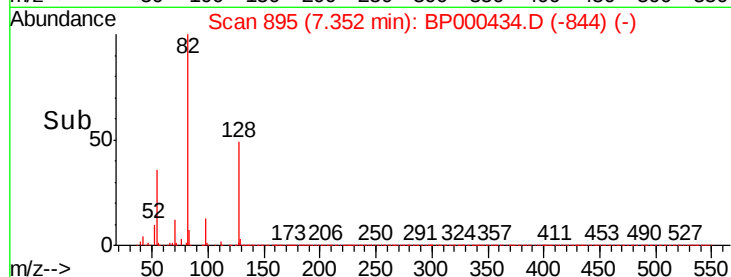
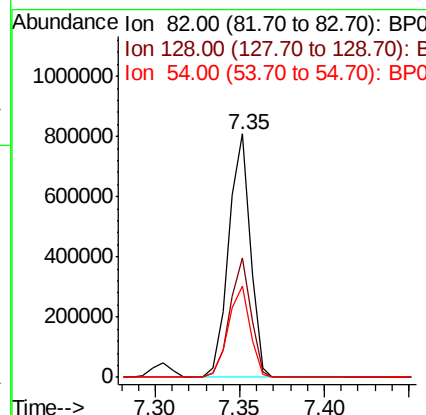
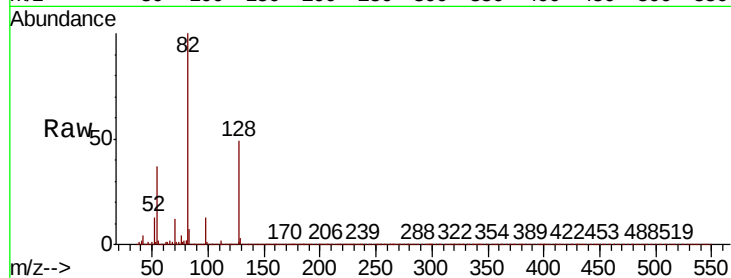
#23
Nitrobenzene-d5
Concen: 65.939 ng
RT: 7.35 min Scan# 895
Delta R.T. -0.00 min
Lab File: BP000434.D
Acq: 26 Sep 2019 20:00

Instrument :
BNA_P
ClientSampled :
TS-2MSD

Tot Ion	Ratio	Lower	Upper
82	100		
128	48.9	40.7	61.1
54	37.3	30.1	45.1

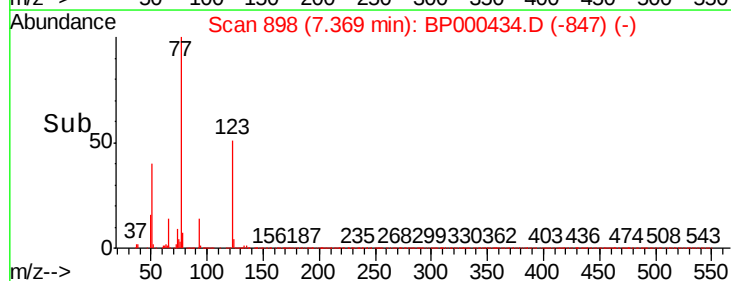
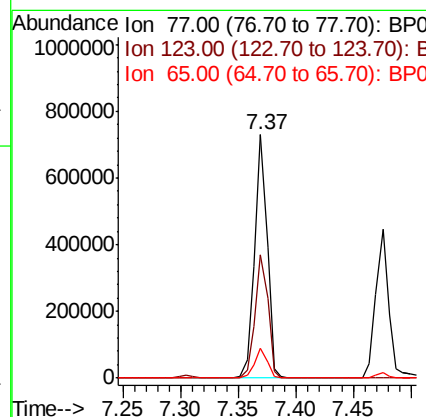
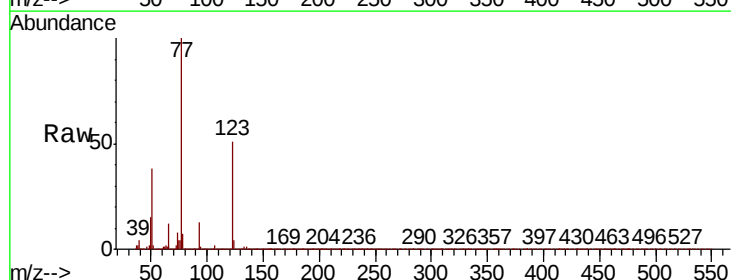
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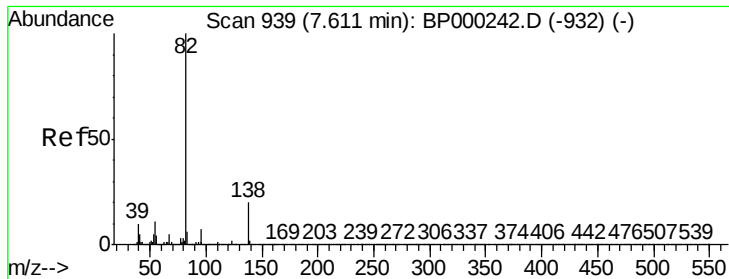
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#24
Nitrobenzene
Concen: 48.457 ng
RT: 7.37 min Scan# 898
Delta R.T. -0.00 min
Lab File: BP000434.D
Acq: 26 Sep 2019 20:00

Tgt Ion	Ratio	Lower	Upper
77	100		
123	50.6	43.1	64.7
65	12.1	9.4	14.2





#25

Isophorone

Concen: 45.779 ng

RT: 7.61 min Scan# 939

Delta R.T. -0.00 min

Lab File: BP000434.D

Acq: 26 Sep 2019 20:00

Instrument :

BNA_P

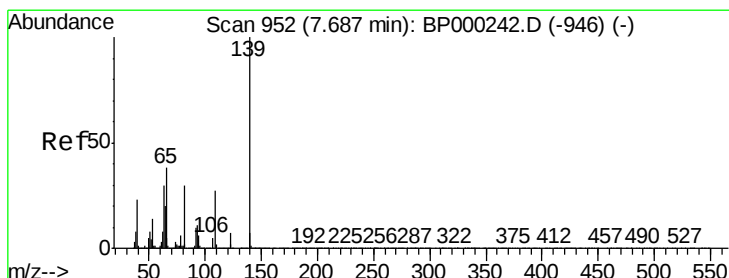
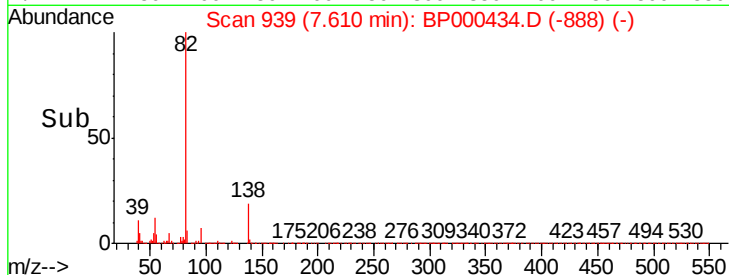
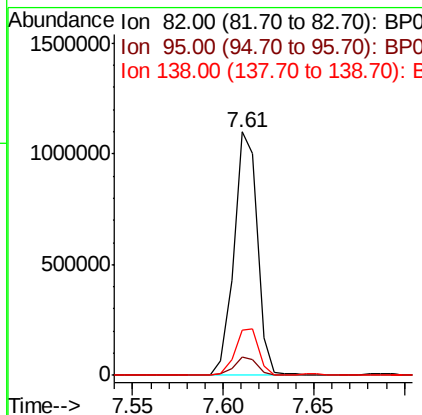
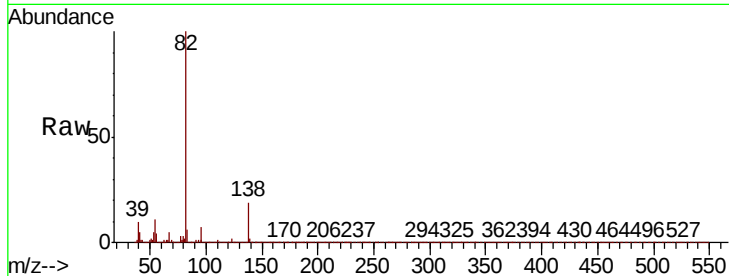
ClientSampleId :

TS-2MSD

Tot Ion:	82	Resp:	990027
Ion Ratio	Lower	Upper	
82	100		
95	7.4	5.9	8.9
138	18.5	15.9	23.9

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#26

2-Nitrophenol

Concen: 47.209 ng

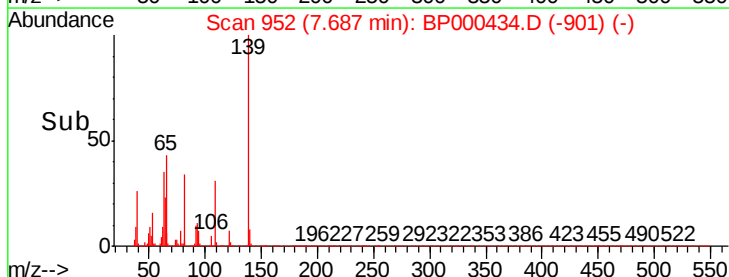
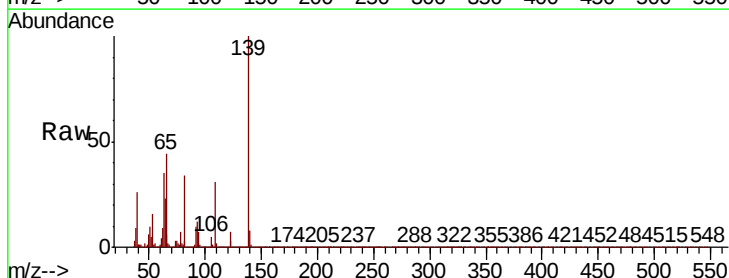
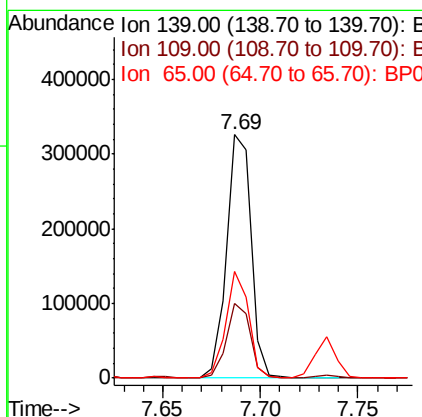
RT: 7.69 min Scan# 952

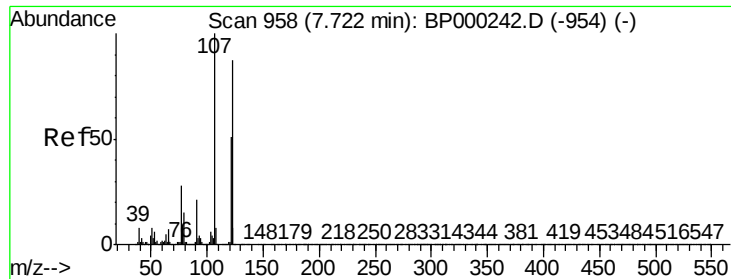
Delta R.T. -0.00 min

Lab File: BP000434.D

Acq: 26 Sep 2019 20:00

Tgt Ion:	139	Resp:	283910
Ion Ratio	Lower	Upper	
139	100		
109	30.7	21.8	32.6
65	43.7	30.5	45.7





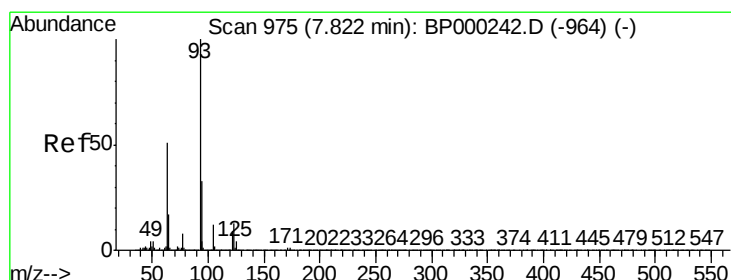
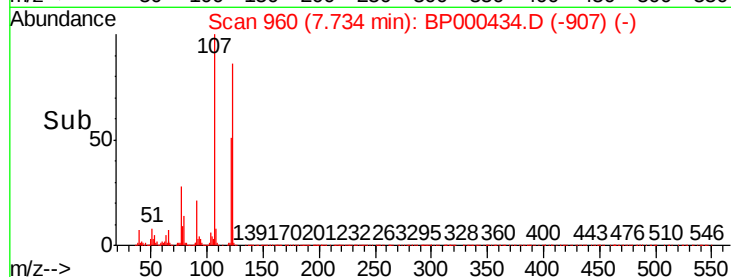
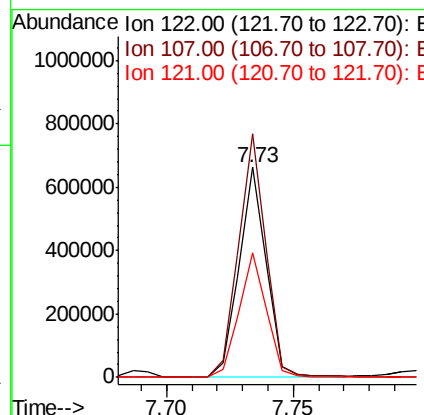
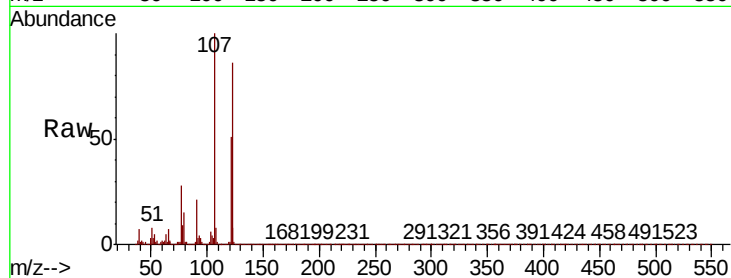
#27
2,4-Dimethylphenol
Concen: 51.559 ng
RT: 7.73 min Scan# 960
Delta R.T. 0.01 min
Lab File: BP000434.D
Acq: 26 Sep 2019 20:00

Instrument :
BNA_P
ClientSampled :
TS-2MSD

Tot Ion	Ratio	Resp	Lower	Upper
122	100	493903		
107	116.1	91.5	137.3	
121	59.2	46.9	70.3	

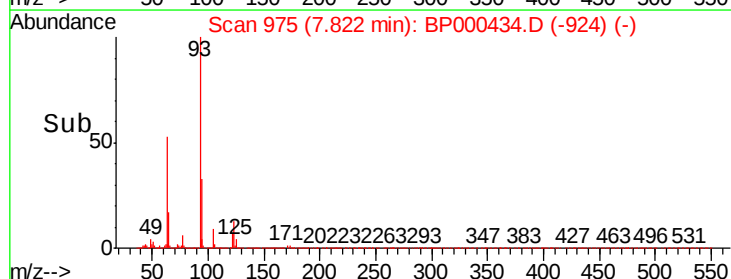
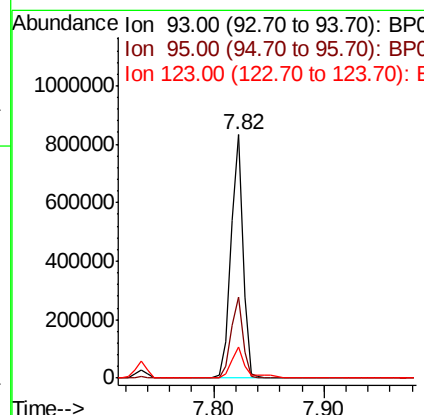
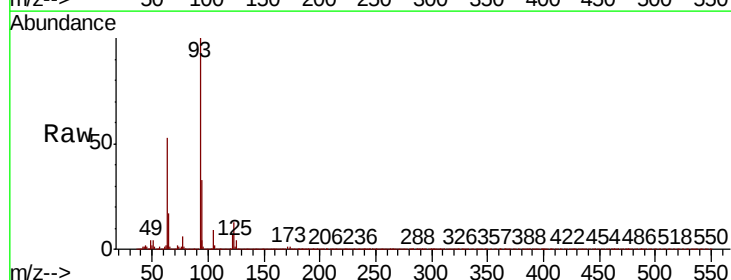
Manual Integrations
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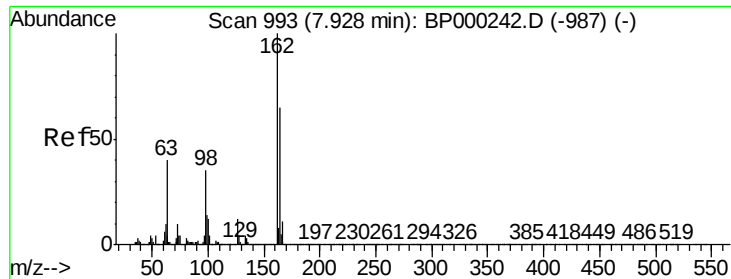
mohammad
9/27/2019 1:47:25 PM



#28
bis(2-Chloroethoxy)methane
Concen: 44.646 ng
RT: 7.82 min Scan# 975
Delta R.T. -0.00 min
Lab File: BP000434.D
Acq: 26 Sep 2019 20:00

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	642163		
95	33.4	26.2	39.4	
123	12.7	10.2	15.2	





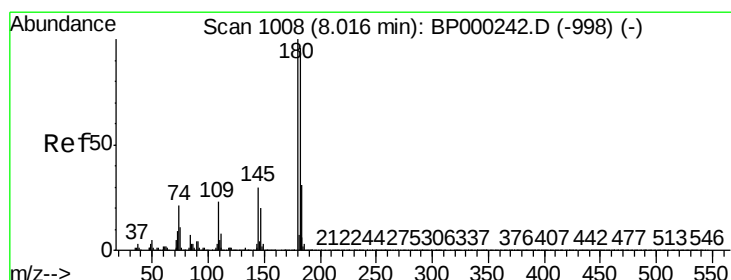
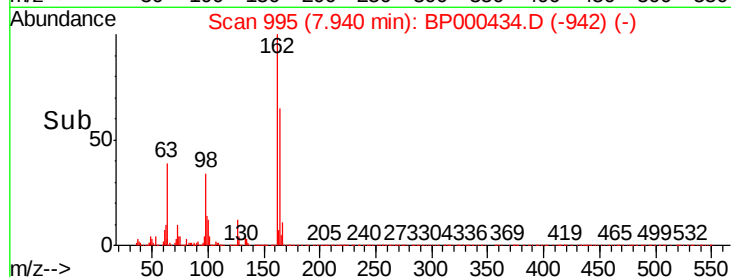
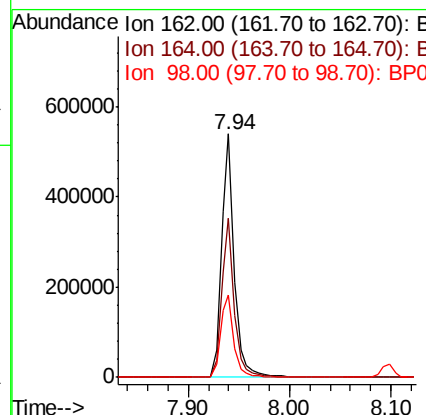
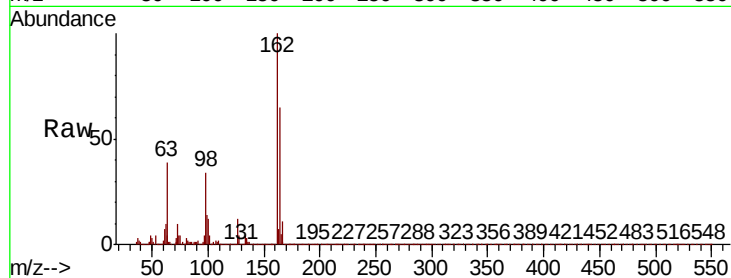
#29
2,4-Dichlorophenol
Concen: 45.519 ng
RT: 7.94 min Scan# 995
Delta R.T. 0.01 min
Lab File: BP000434.D
Acq: 26 Sep 2019 20:00

Instrument :
BNA_P
ClientSampleId :
TS-2MSD

Tot Ion	Ratio	Resp Lower	Upper
162	100		
164	65.5	44.5	84.5
98	33.9	15.2	55.2

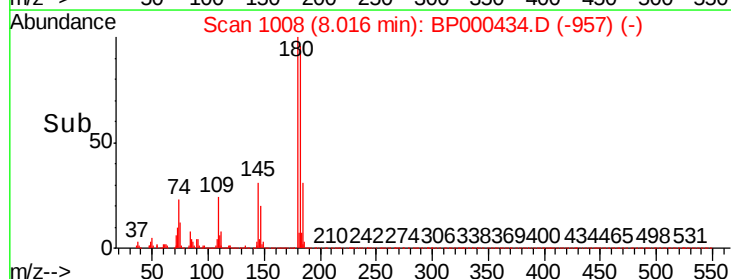
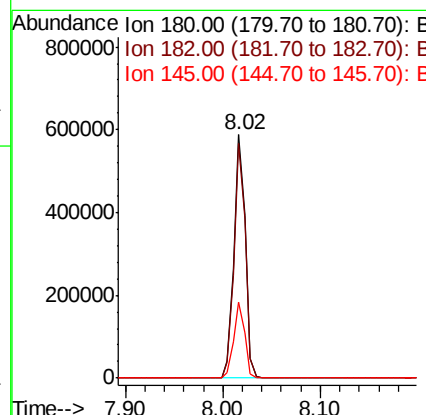
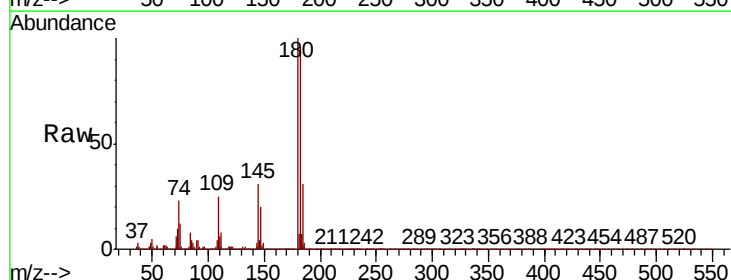
Manual Integrations
APPROVED

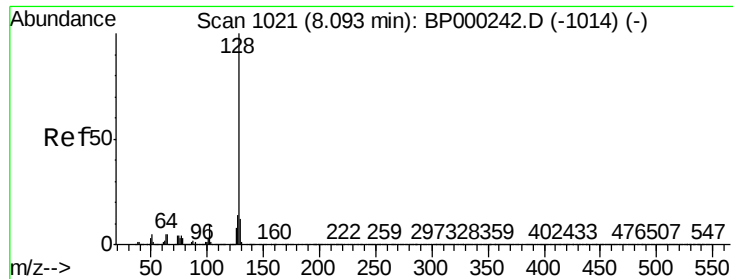
mohammad
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#30
1,2,4-Trichlorobenzene
Concen: 40.396 ng
RT: 8.02 min Scan# 1008
Delta R.T. -0.00 min
Lab File: BP000434.D
Acq: 26 Sep 2019 20:00

Tgt Ion	Ratio	Resp Lower	Upper
180	100		
182	96.1	77.2	115.8
145	31.0	24.3	36.5





#31

Naphthalene

Concen: 50.028 ng

RT: 8.10 min Scan# 1022

Delta R.T. 0.01 min

Lab File: BP000434.D

Acq: 26 Sep 2019 20:00

Instrument :

BNA_P

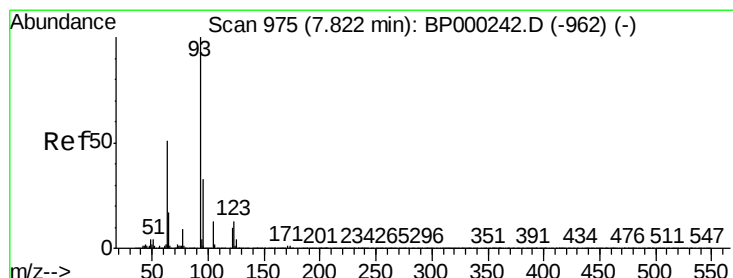
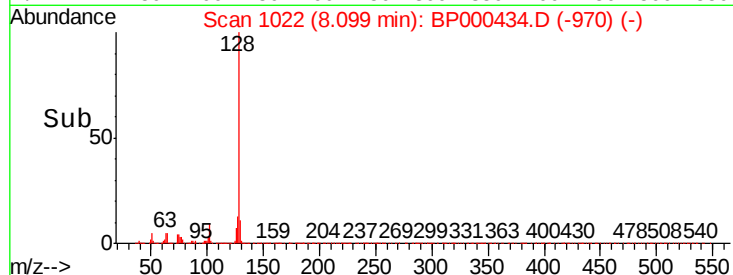
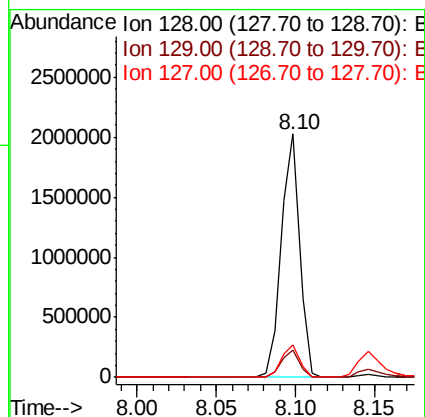
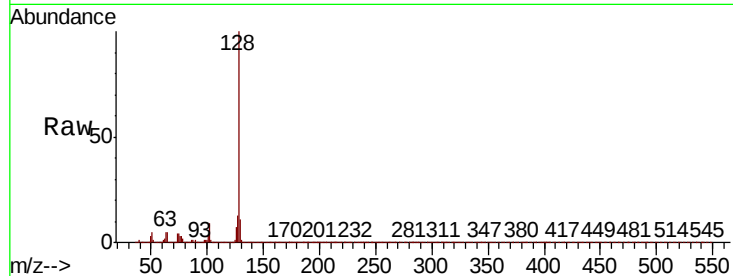
ClientSampled :

TS-2MSD

Tot Ion:	128	Resp:	1632652
Ion	Ratio	Lower	Upper
128	100		
129	11.0	9.2	13.8
127	13.4	11.0	16.6

Manual Integrations
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#32

Benzoic acid

Concen: 48.491 ng

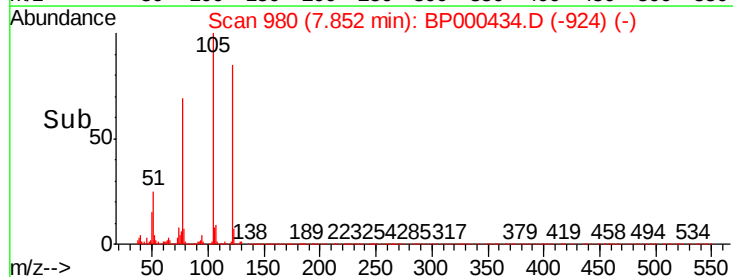
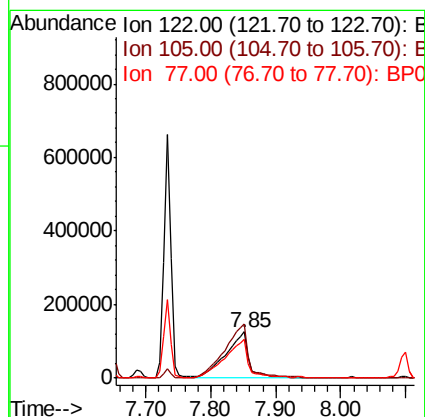
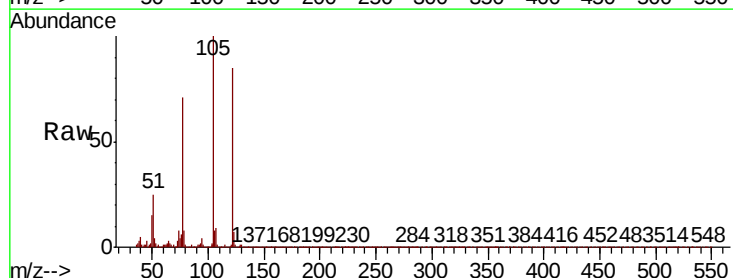
RT: 7.85 min Scan# 980

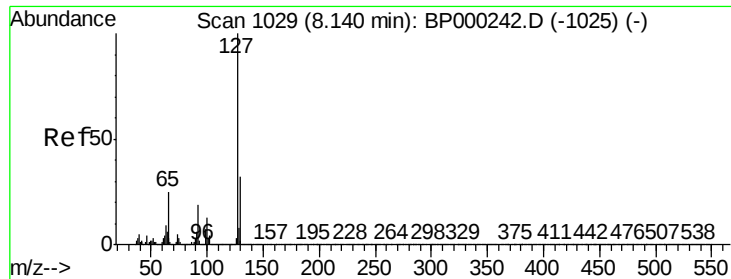
Delta R.T. 0.03 min

Lab File: BP000434.D

Acq: 26 Sep 2019 20:00

Tgt Ion:	122	Resp:	313637
Ion	Ratio	Lower	Upper
122	100		
105	117.4	105.4	145.4
77	83.2	65.3	105.3





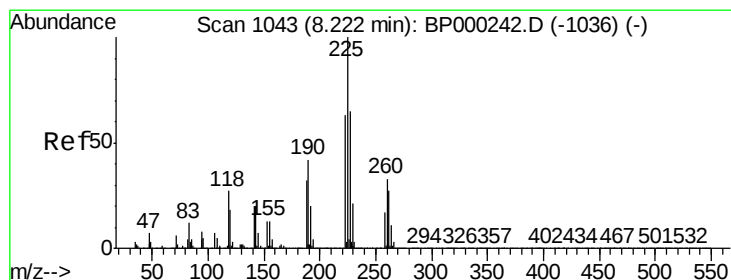
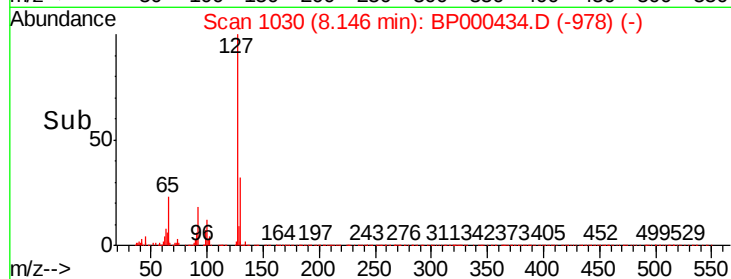
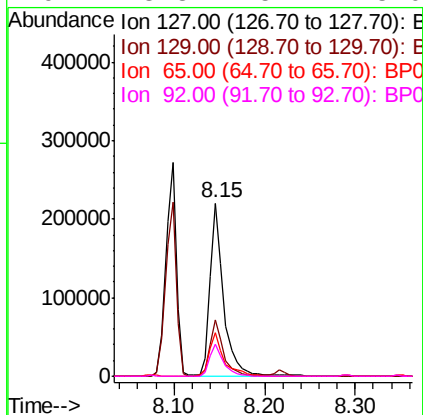
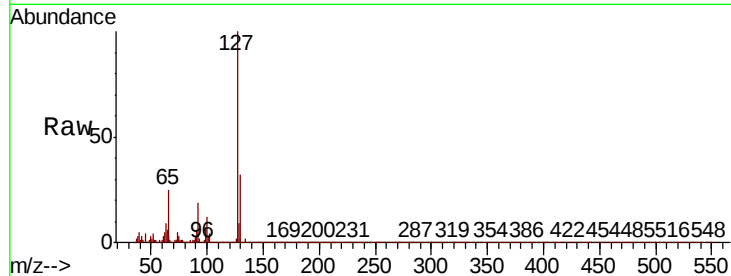
#33
4-Chloroaniline
Concen: 15.815 ng
RT: 8.15 min Scan# 1030
Delta R.T. 0.01 min
Lab File: BP000434.D
Acq: 26 Sep 2019 20:00

Instrument :
BNA_P
ClientSampleId :
TS-2MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100		233570		
129	32.2	25.7	38.5		
65	25.0	19.9	29.9		
92	18.8	15.4	23.0		

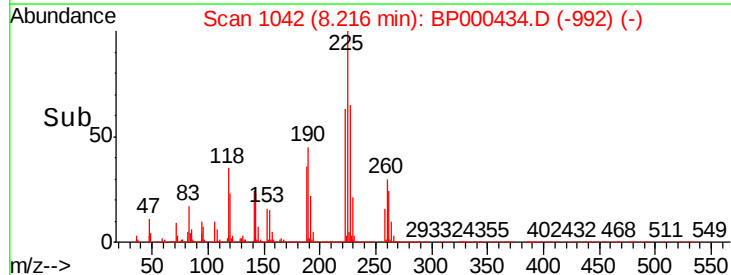
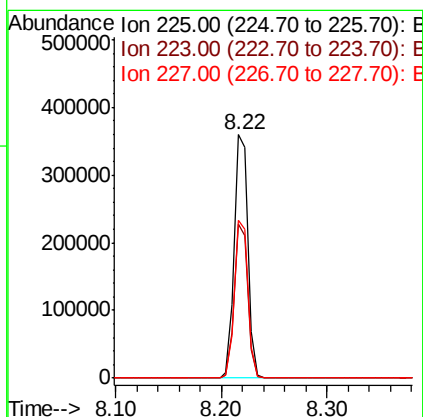
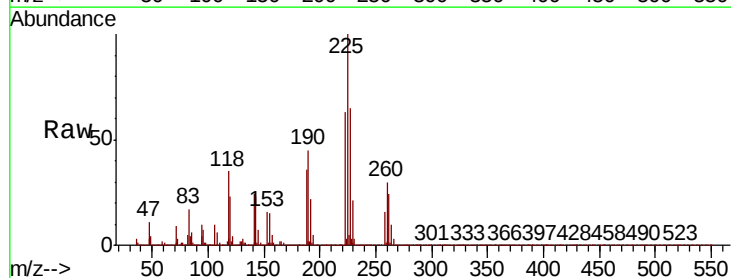
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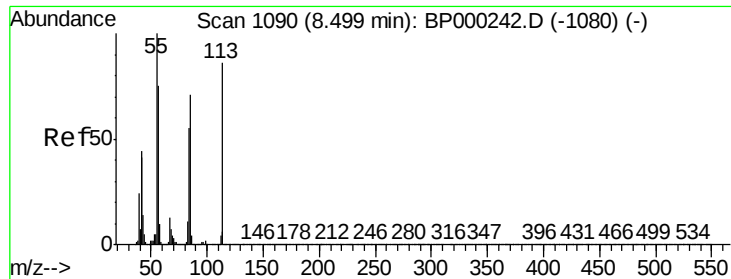
mohammad
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#34
Hexachlorobutadiene
Concen: 45.090 ng
RT: 8.22 min Scan# 1042
Delta R.T. -0.01 min
Lab File: BP000434.D
Acq: 26 Sep 2019 20:00

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100		314397		
223	63.3	50.2	75.2		
227	64.7	51.8	77.6		





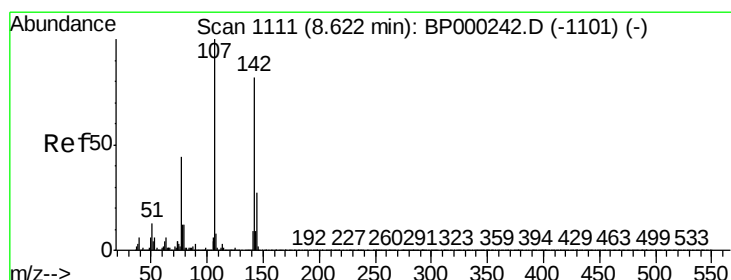
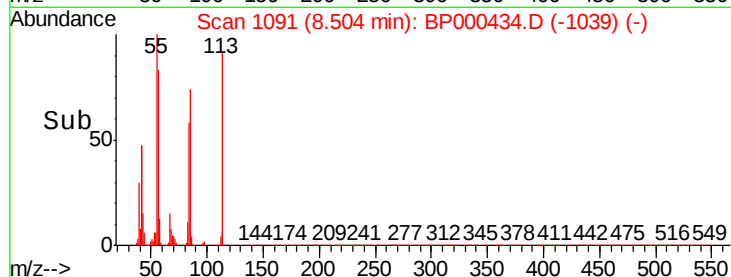
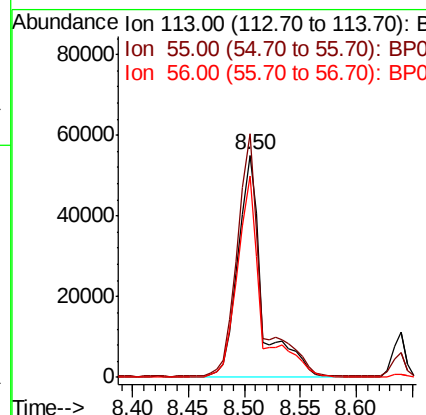
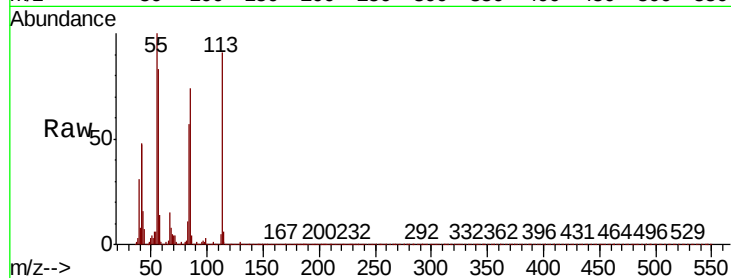
#35
Caprolactam
Concen: 23.754 ng/ml
RT: 8.50 min Scan# 1091
Delta R.T. 0.01 min
Lab File: BP000434.D
Acq: 26 Sep 2019 20:00

Instrument :
BNA_P
ClientSampleId :
TS-2MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
113	100		82962		
55	109.7	96.8	136.8		
56	90.8	67.5	107.5		

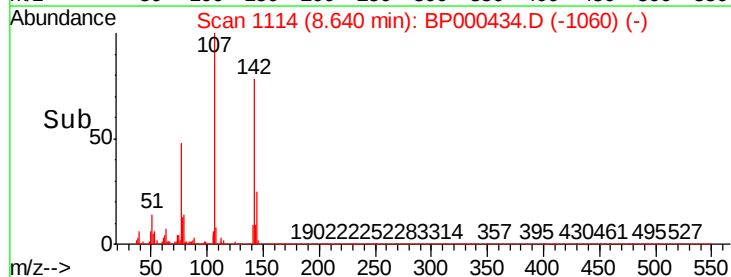
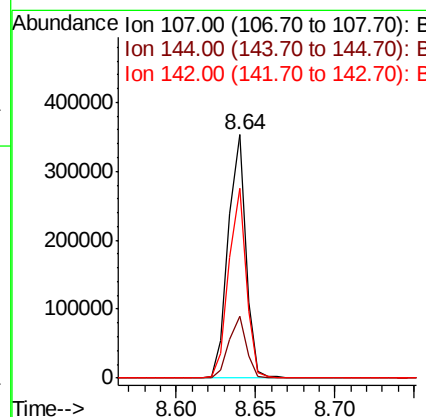
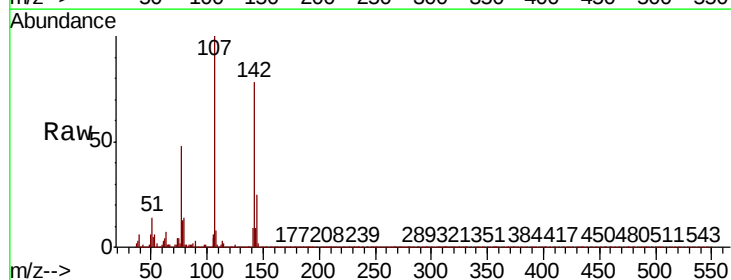
Manual Integrations
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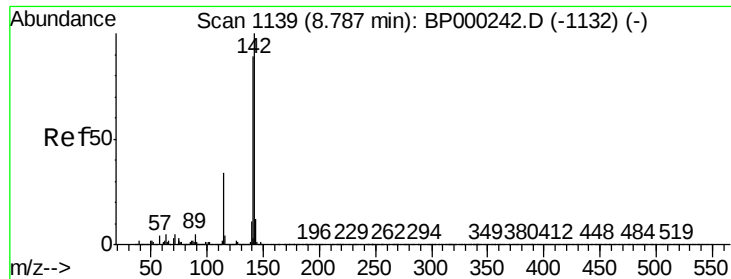
mohammad
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#36
4-Chloro-3-methylphenol
Concen: 26.314 ng
RT: 8.64 min Scan# 1114
Delta R.T. 0.02 min
Lab File: BP000434.D
Acq: 26 Sep 2019 20:00

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100		274252		
144	25.3	21.5	32.3		
142	78.0	65.7	98.5		





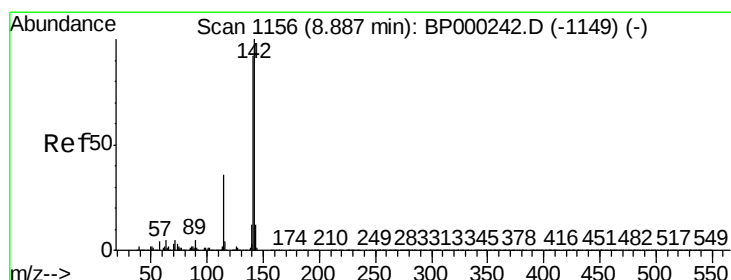
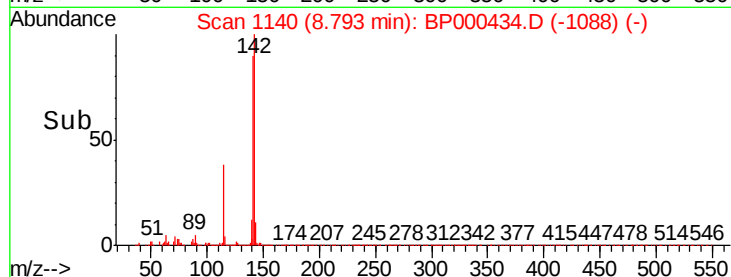
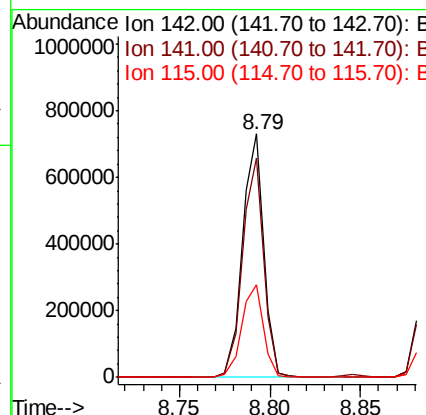
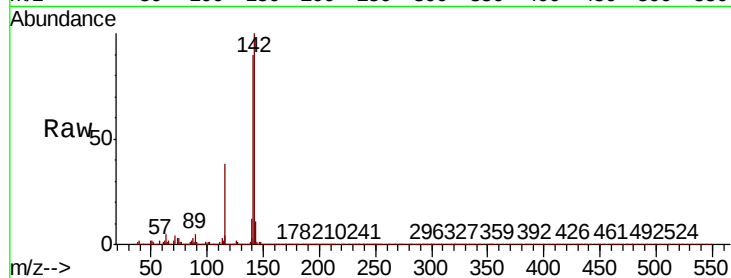
#37
2-Methylnaphthalene
Concen: 26.493 ng
RT: 8.79 min Scan# 1140
Delta R.T. 0.01 min
Lab File: BP000434.D
Acq: 26 Sep 2019 20:00

Instrument :
BNA_P
ClientSampleId :
TS-2MSD

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.9	71.3	106.9
115	38.2	27.2	40.8

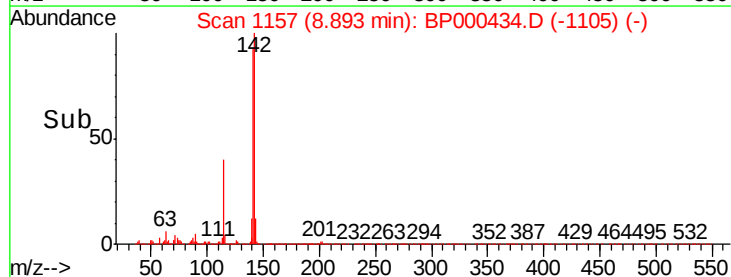
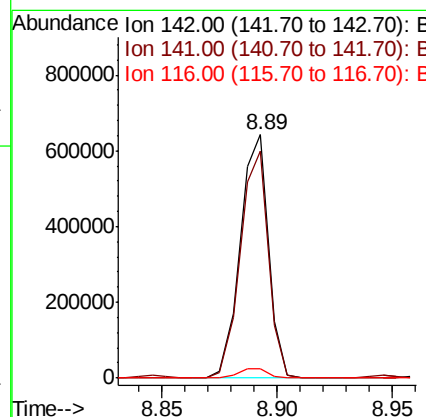
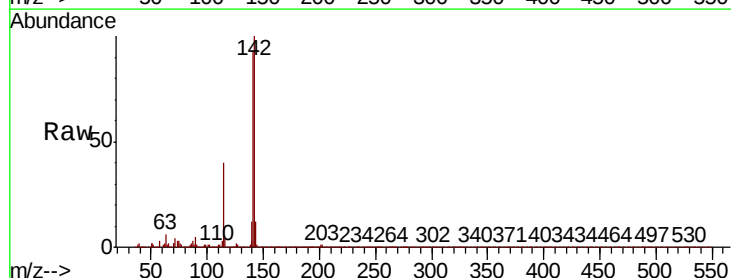
Manual Integrations
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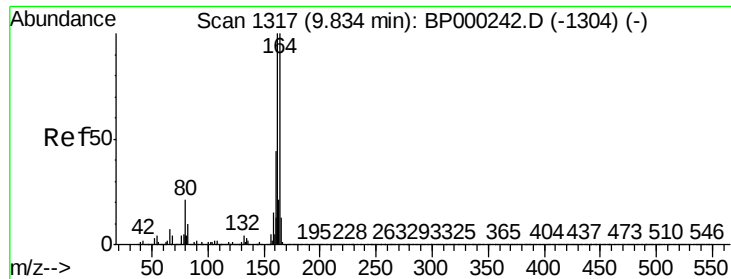
mohammad
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#38
1-Methylnaphthalene
Concen: 26.220 ng
RT: 8.89 min Scan# 1157
Delta R.T. 0.01 min
Lab File: BP000434.D
Acq: 26 Sep 2019 20:00

Tgt Ion	Ratio	Lower	Upper
142	100		
141	93.2	73.9	110.9
116	4.1	3.0	4.6





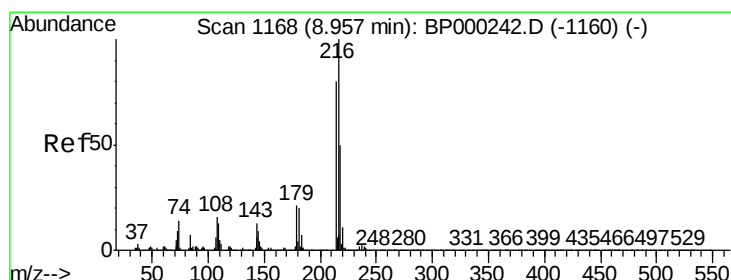
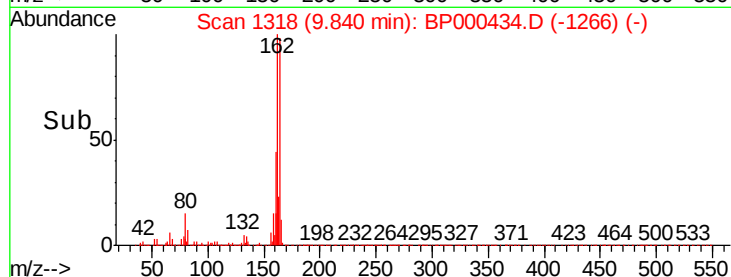
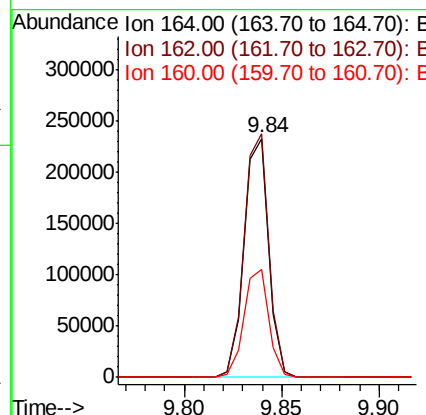
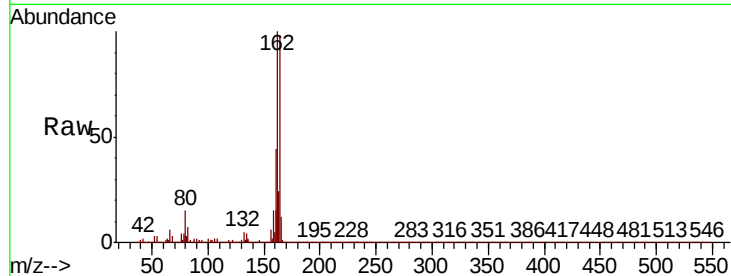
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.84 min Scan# 1318
Delta R.T. 0.01 min
Lab File: BP000434.D
Acq: 26 Sep 2019 20:00

Instrument :
BNA_P
ClientSampleId :
TS-2MSD

Tot Ion	Ratio	Lower	Upper
164	100		
162	102.0	79.9	119.9
160	45.2	35.6	53.4

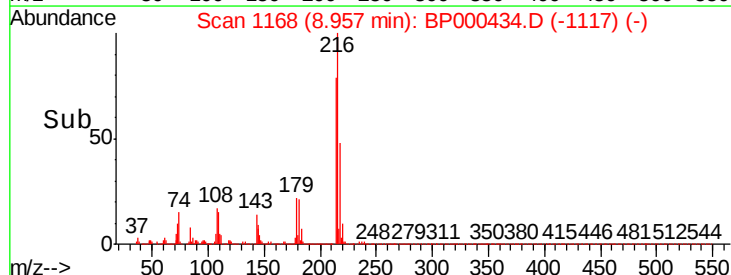
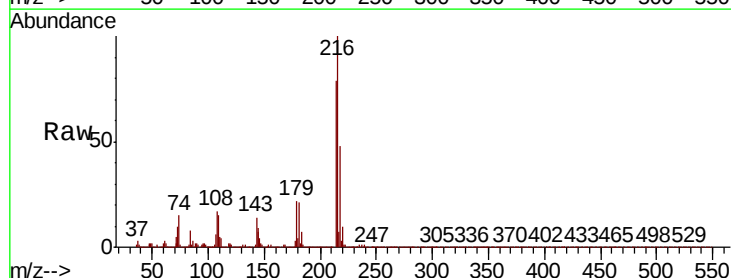
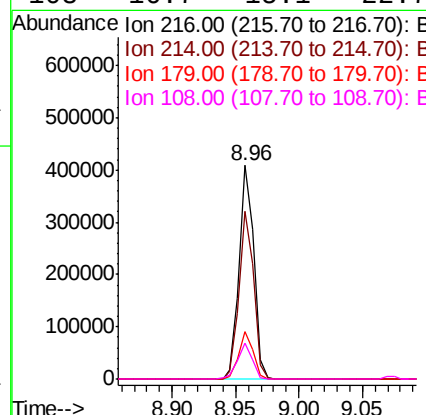
Manual Integrations
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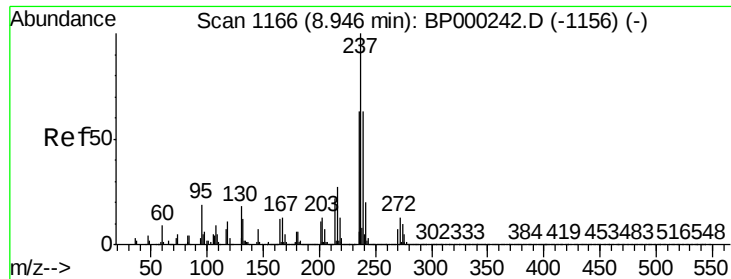
mohammad
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#40
1,2,4,5-Tetrachlorobenzene
Concen: 55.418 ng
RT: 8.96 min Scan# 1168
Delta R.T. -0.00 min
Lab File: BP000434.D
Acq: 26 Sep 2019 20:00

Tgt Ion	Ratio	Lower	Upper
216	100		
214	78.5	63.6	95.4
179	21.3	17.0	25.4
108	16.7	15.1	22.7





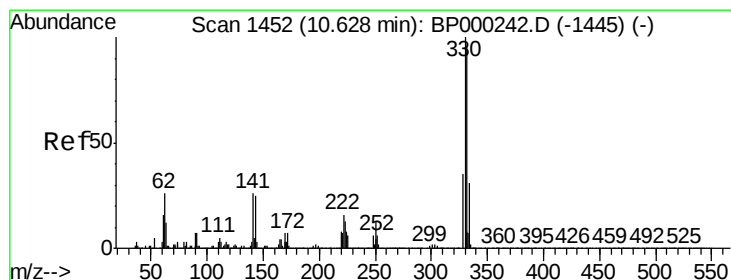
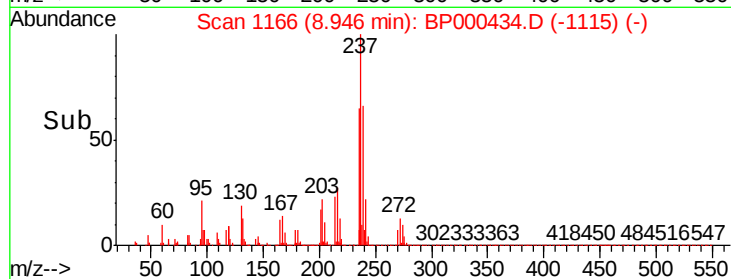
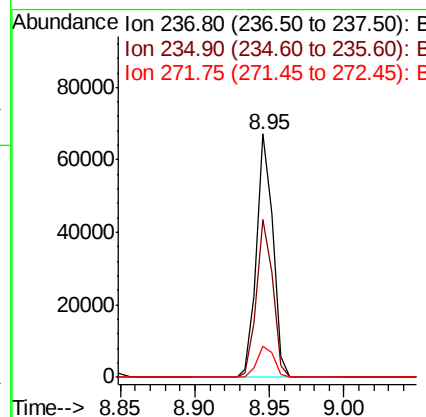
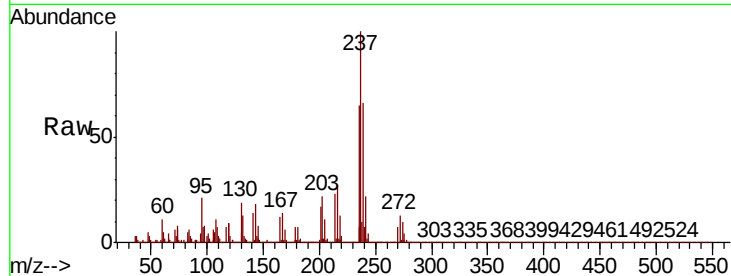
#41
Hexachlorocyclopentadiene
Concen: 15.160 ng
RT: 8.95 min Scan# 1166
Delta R.T. -0.00 min
Lab File: BP000434.D
Acq: 26 Sep 2019 20:00

Instrument :
BNA_P
ClientSampleId :
TS-2MSD

Tot Ion	Ratio	Resp Lower	Upper
237	100		
235	65.1	43.5	83.5
272	12.9	0.0	33.0

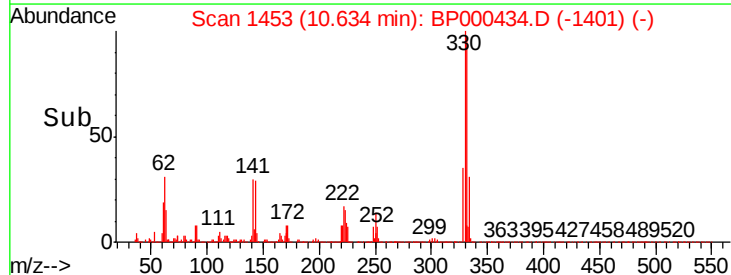
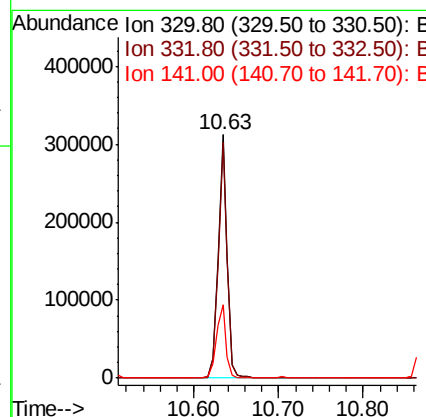
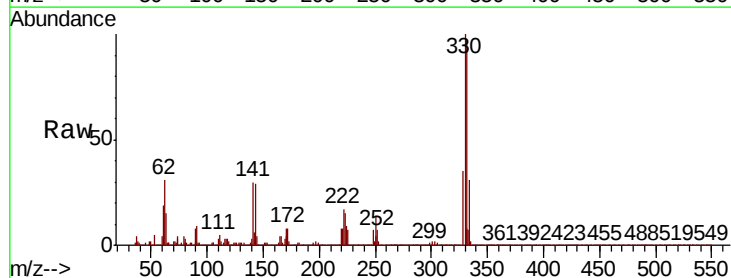
Manual Integrations
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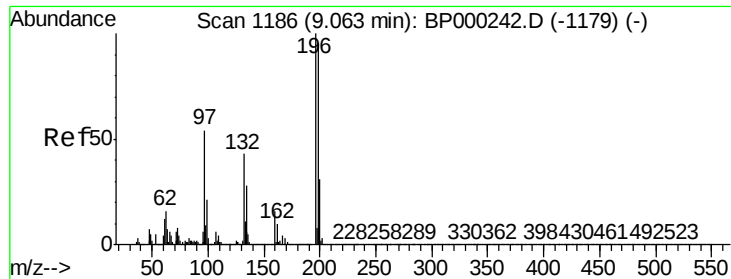
mohammad
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#42
2,4,6-Tribromophenol
Concen: 119.642 ng
RT: 10.63 min Scan# 1453
Delta R.T. 0.01 min
Lab File: BP000434.D
Acq: 26 Sep 2019 20:00

Tgt Ion	Ratio	Resp Lower	Upper
330	100		
332	96.7	76.6	115.0
141	31.6	26.5	39.7





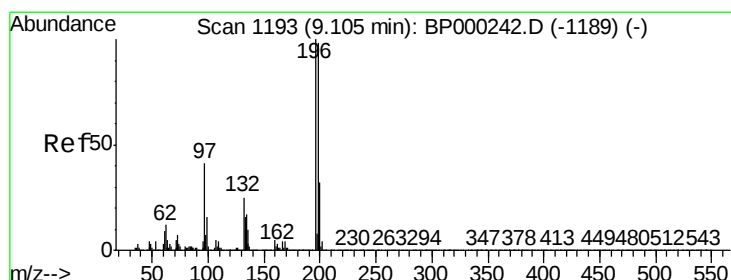
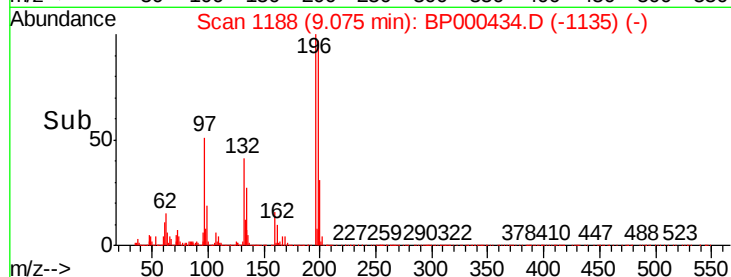
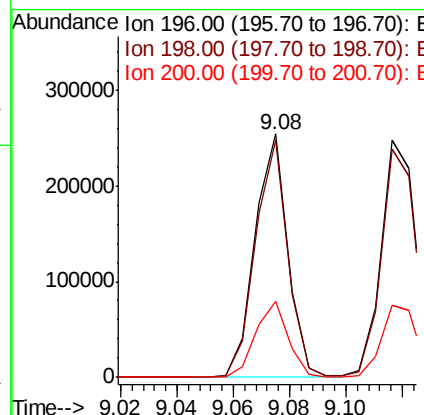
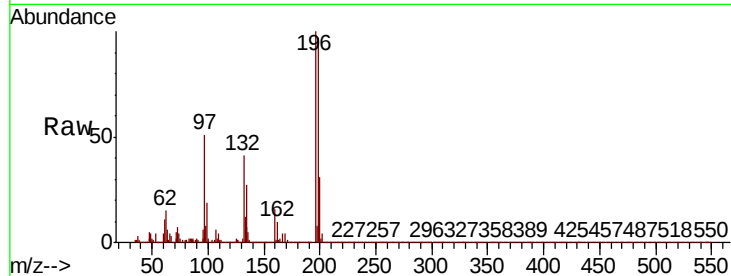
#43
2,4,6-Trichlorophenol
Concen: 51.042 ng
RT: 9.08 min Scan# 1188
Delta R.T. 0.01 min
Lab File: BP000434.D
Acq: 26 Sep 2019 20:00

Instrument :
BNA_P
ClientSampleId :
TS-2MSD

Tot Ion	Ratio	Resp	Lower	Upper
196	100	204958		
198	97.4	76.0	114.0	
200	31.2	24.6	37.0	

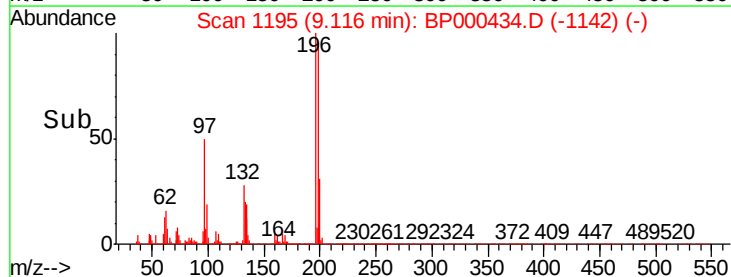
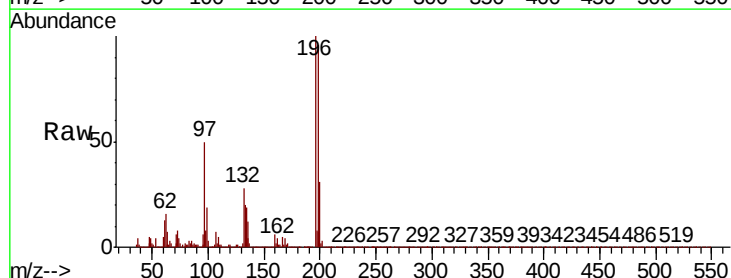
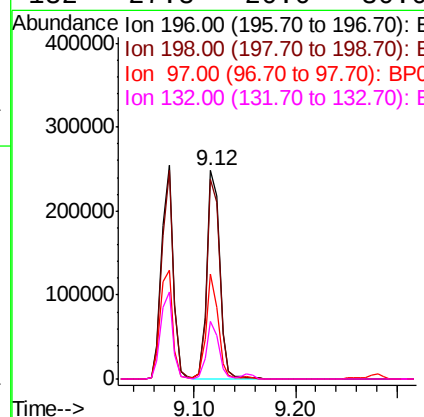
Manual Integrations
APPROVED

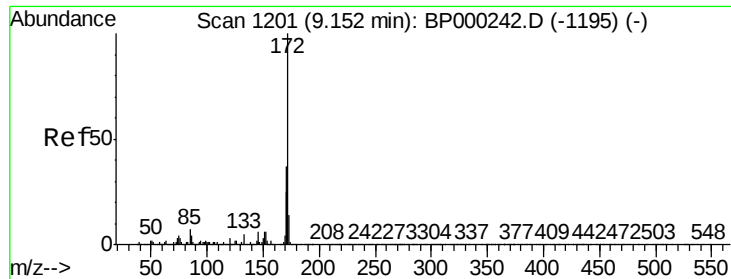
mohammad
9/27/2019 1:47:25 PM



#44
2,4,5-Trichlorophenol
Concen: 53.262 ng
RT: 9.12 min Scan# 1195
Delta R.T. 0.01 min
Lab File: BP000434.D
Acq: 26 Sep 2019 20:00

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	218996		
198	96.1	78.1	117.1	
97	50.3	33.3	49.9	
132	27.8	20.0	30.0	





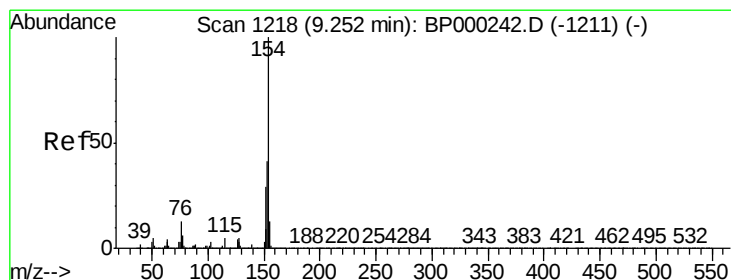
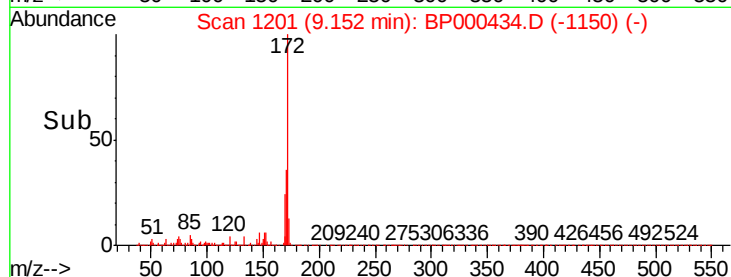
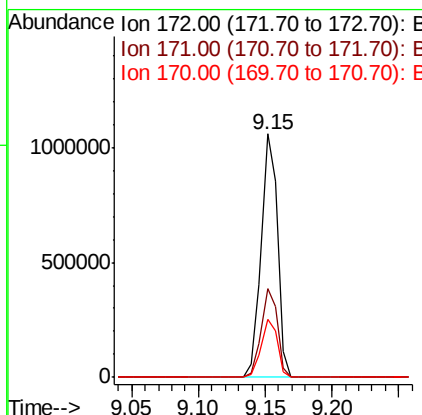
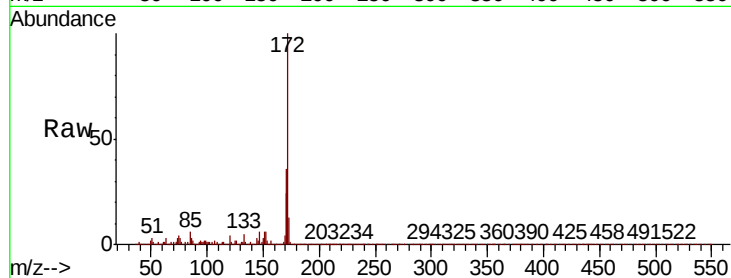
#45
2-Fluorobiphenyl
Concen: 78.176 ng
RT: 9.15 min Scan# 1201
Delta R.T. -0.00 min
Lab File: BP000434.D
Acq: 26 Sep 2019 20:00

Instrument :
BNA_P
ClientSampled :
TS-2MSD

Tot Ion	Ratio	Lower	Upper
172	100		
171	36.2	29.8	44.6
170	23.8	19.8	29.6

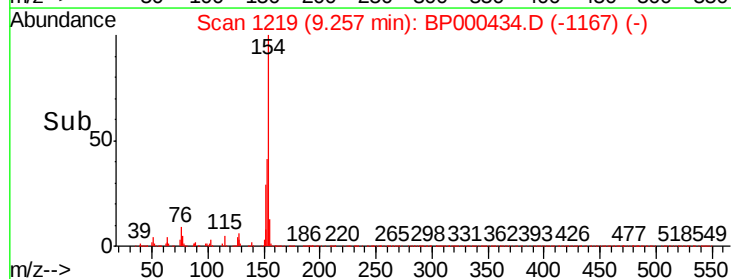
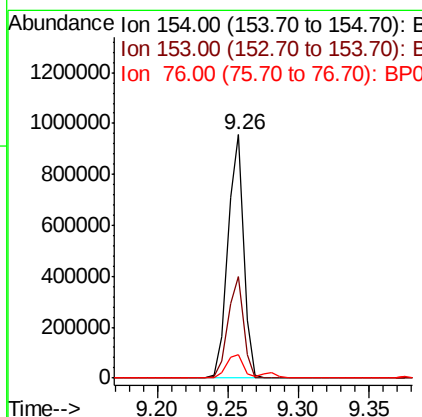
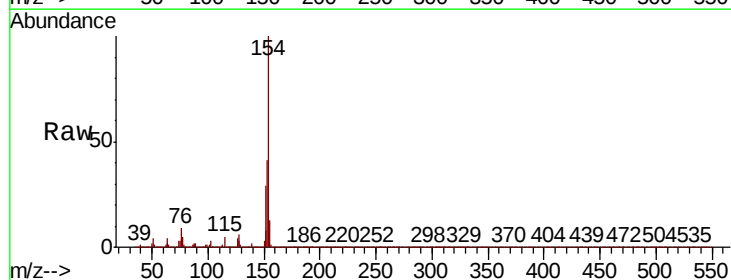
Manual Integrations
APPROVED

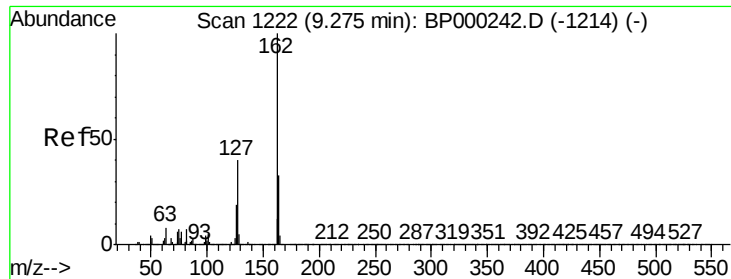
mohammad
9/27/2019 1:47:25 PM



#46
1,1'-Biphenyl
Concen: 52.428 ng
RT: 9.26 min Scan# 1219
Delta R.T. 0.01 min
Lab File: BP000434.D
Acq: 26 Sep 2019 20:00

Tgt Ion	Ratio	Lower	Upper
154	100		
153	41.5	21.4	61.4
76	9.4	0.0	33.4





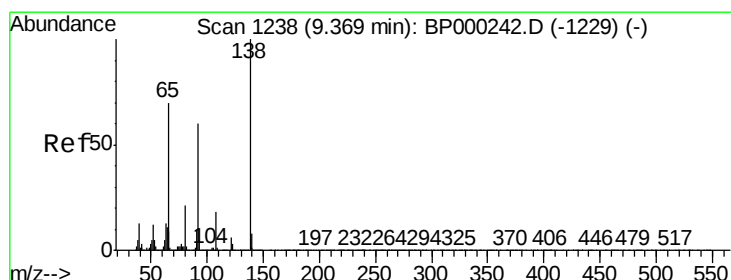
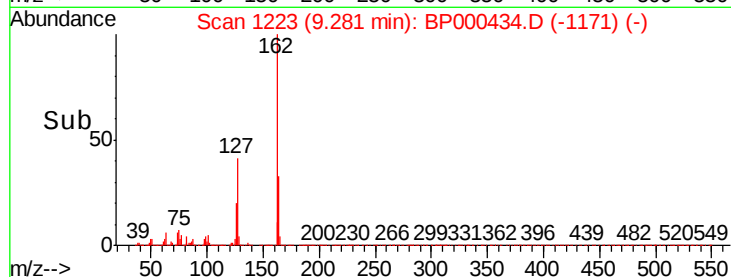
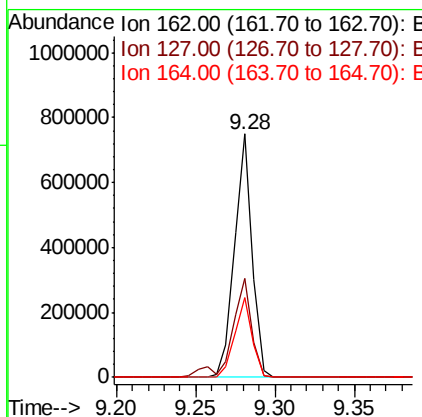
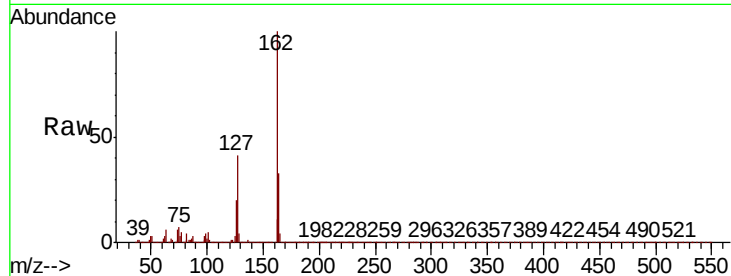
#47
2-Chloronaphthalene
Concen: 48.760 ng
RT: 9.28 min Scan# 1223
Delta R.T. 0.01 min
Lab File: BP000434.D
Acq: 26 Sep 2019 20:00

Instrument :
BNA_P
ClientSampleId :
TS-2MSD

Tot Ion	Ratio	Resp	Lower	Upper
162	100	574297		
127	40.5		32.4	48.6
164	32.9		26.3	39.5

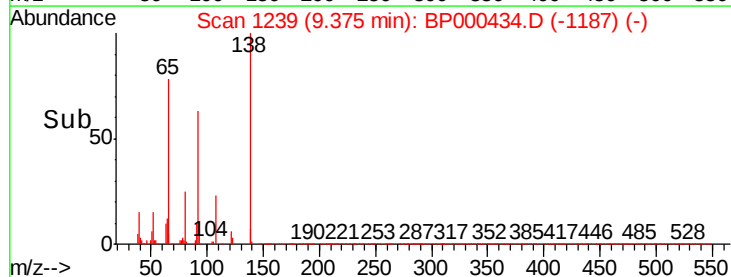
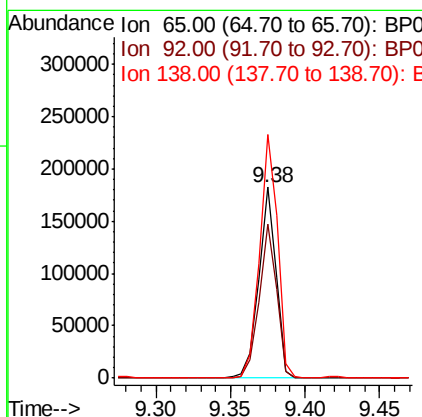
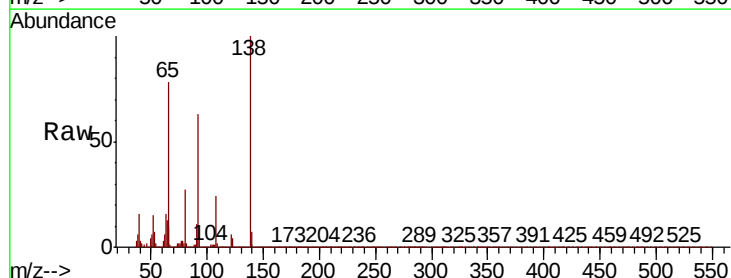
Manual Integrations
APPROVED

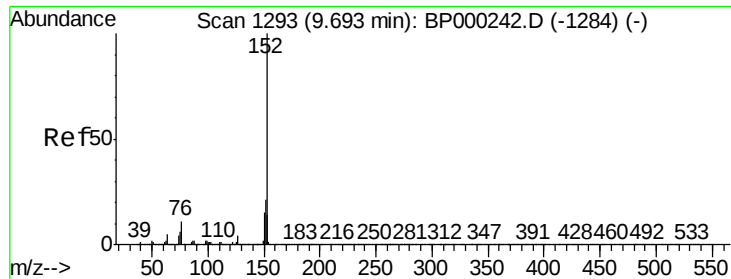
mohammad
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#48
2-Nitroaniline
Concen: 48.341 ng
RT: 9.38 min Scan# 1239
Delta R.T. 0.01 min
Lab File: BP000434.D
Acq: 26 Sep 2019 20:00

Tgt Ion	Ratio	Resp	Lower	Upper
65	100	144590		
92	80.7		68.7	103.1
138	127.5		114.4	171.6





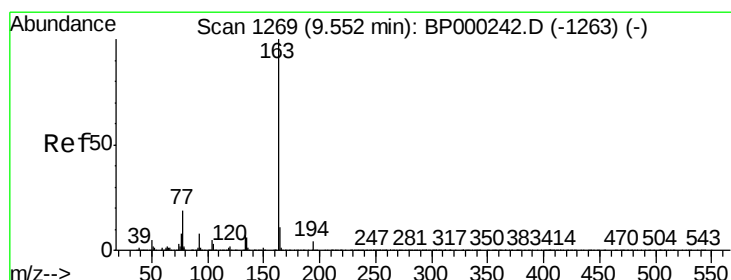
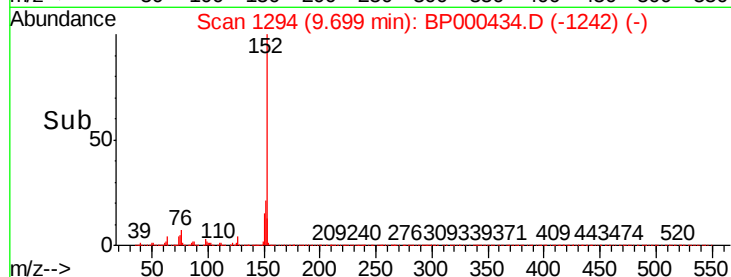
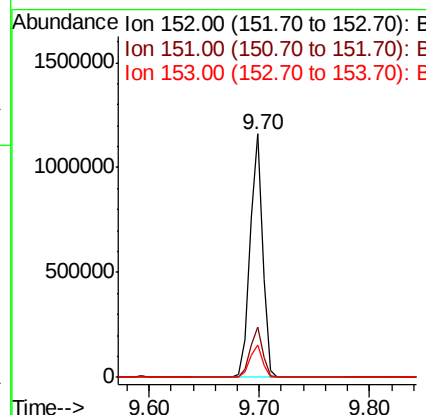
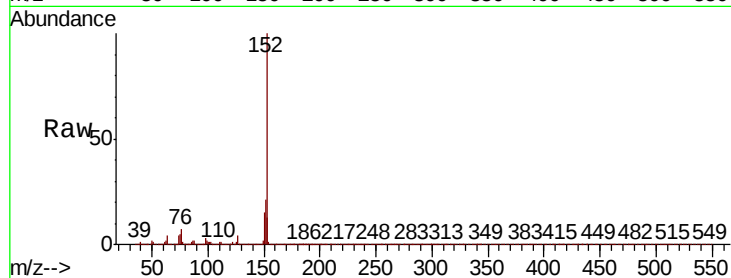
#49
Acenaphthylene
Concen: 52.488 ng
RT: 9.70 min Scan# 1294
Delta R.T. 0.01 min
Lab File: BP000434.D
Acq: 26 Sep 2019 20:00

Instrument :
BNA_P
ClientSampleId :
TS-2MSD

Tot Ion	Ratio	Lower	Upper
152	100		
151	20.7	16.4	24.6
153	13.1	11.0	16.4

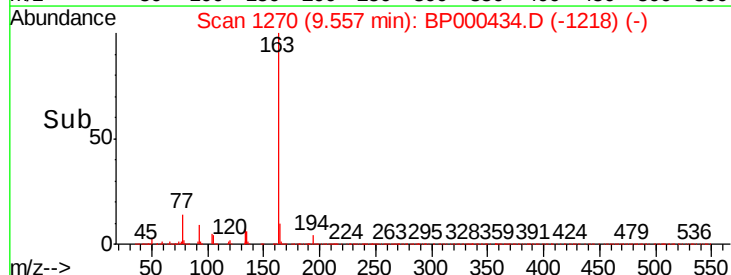
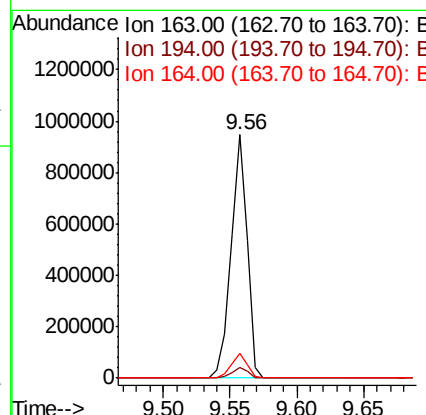
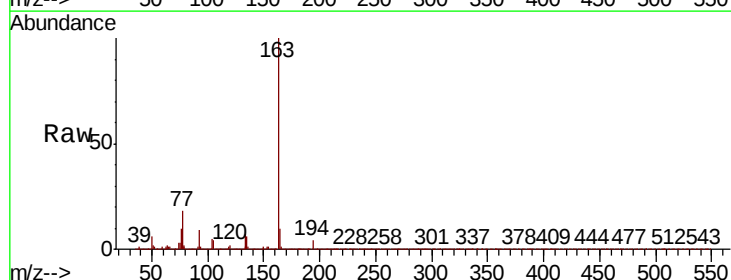
Manual Integrations
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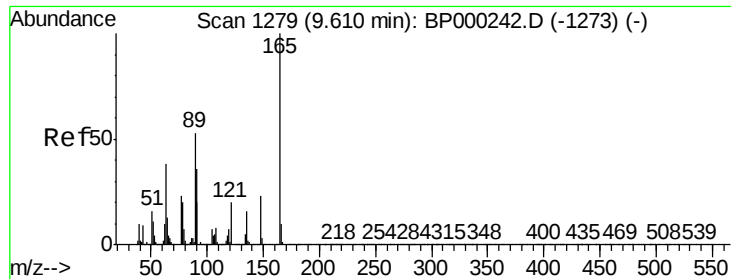
mohammad
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#50
Dimethylphthalate
Concen: 58.556 ng
RT: 9.56 min Scan# 1270
Delta R.T. 0.01 min
Lab File: BP000434.D
Acq: 26 Sep 2019 20:00

Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.3	3.4	5.0
164	10.3	8.5	12.7





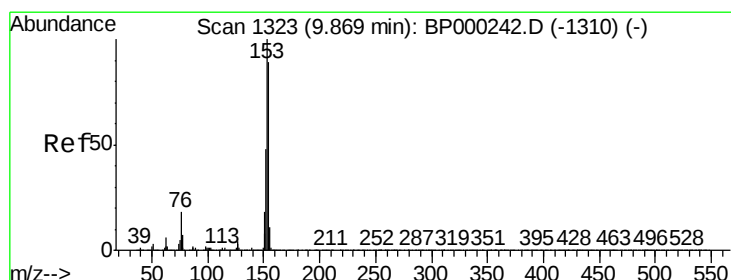
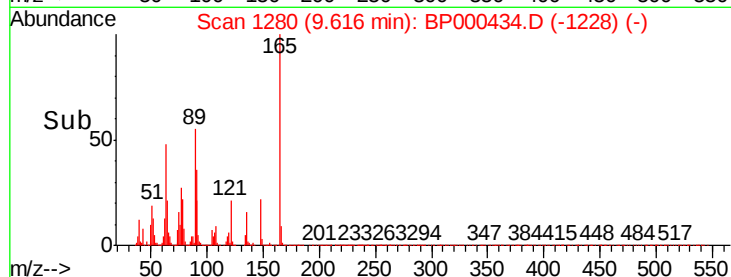
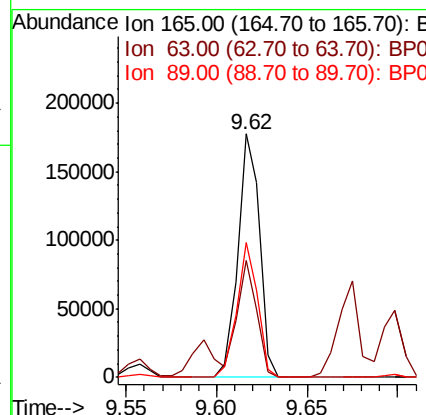
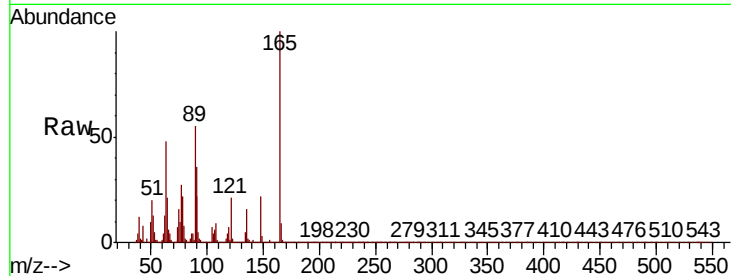
#51
2,6-Dinitrotoluene
Concen: 48.343 ng
RT: 9.62 min Scan# 1280
Delta R.T. 0.01 min
Lab File: BP000434.D
Acq: 26 Sep 2019 20:00

Instrument :
BNA_P
ClientSampleId :
TS-2MSD

Tot Ion	Ratio	Resp	Lower	Upper
165	100	146986		
63	47.9	35.8	53.8	
89	55.3	42.6	63.8	

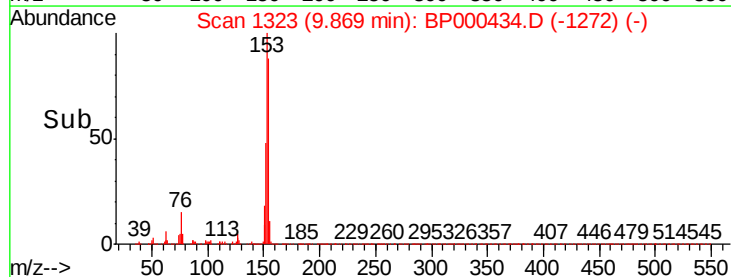
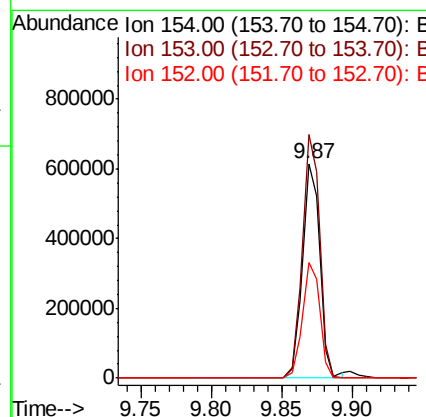
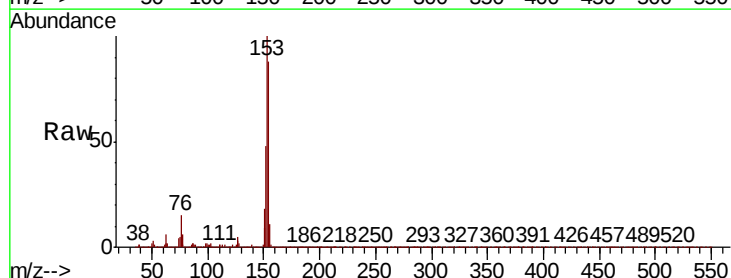
Manual Integrations
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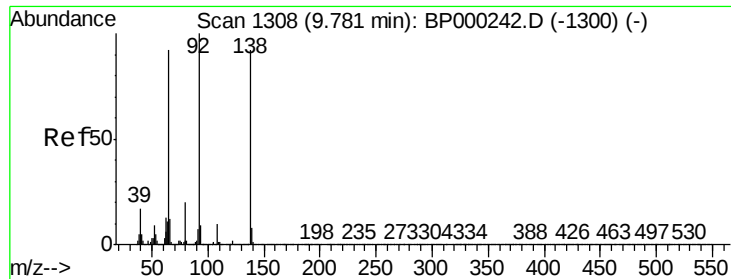
mohammad
9/27/2019 1:47:25 PM



#52
Acenaphthene
Concen: 47.048 ng
RT: 9.87 min Scan# 1323
Delta R.T. -0.00 min
Lab File: BP000434.D
Acq: 26 Sep 2019 20:00

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	525644		
153	113.7	89.8	134.6	
152	54.2	43.4	65.0	





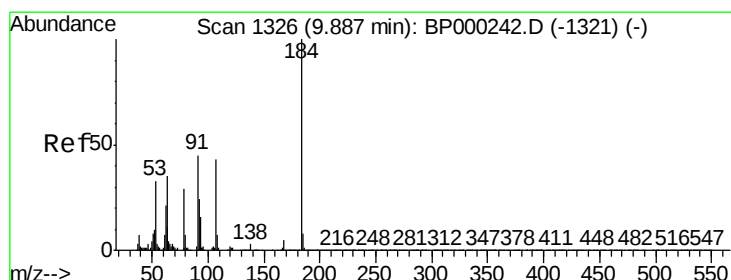
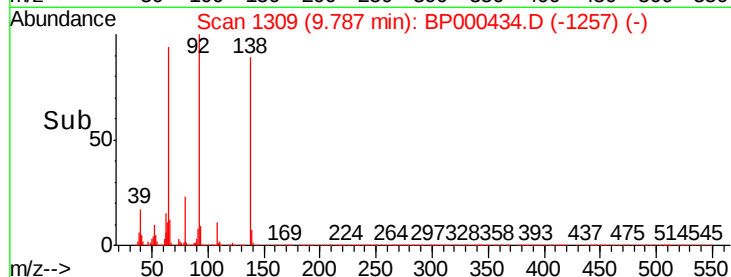
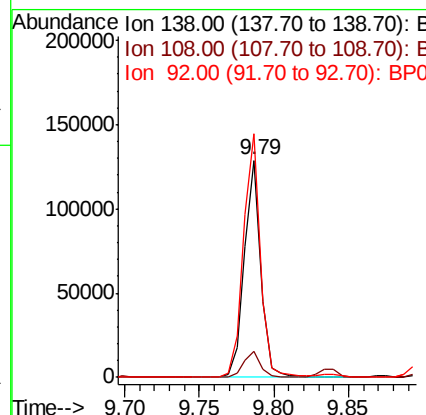
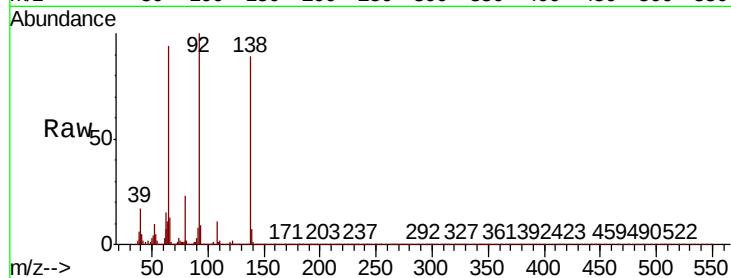
#53
3-Nitroaniline
Concen: 28.187 ng
RT: 9.79 min Scan# 1309
Delta R.T. 0.01 min
Lab File: BP000434.D
Acq: 26 Sep 2019 20:00

Instrument :
BNA_P
ClientSampleId :
TS-2MSD

Tot Ion	Ratio	Lower	Upper
138	100		
108	11.9	9.1	13.7
92	112.1	86.7	130.1

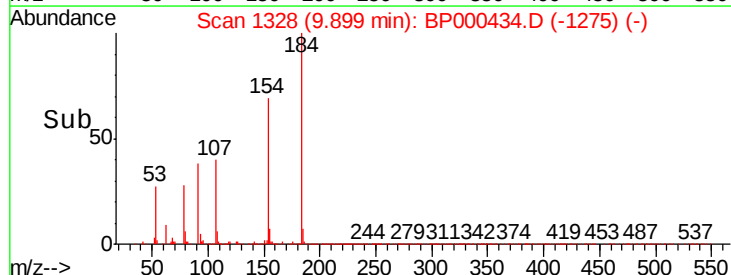
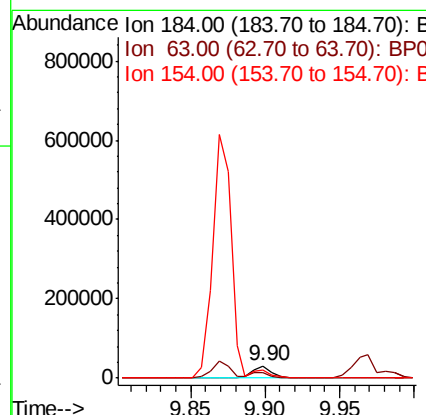
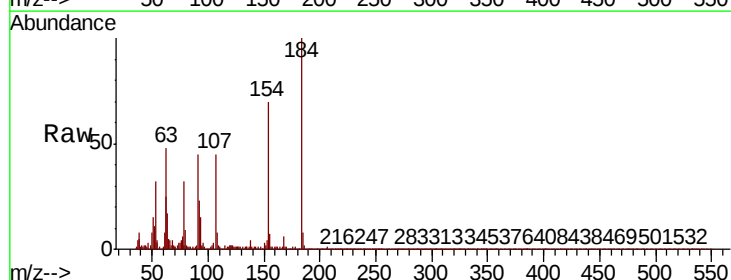
Manual Integrations
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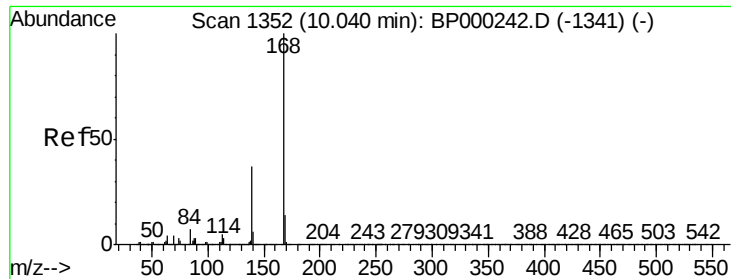
mohammad
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#54
2,4-Dinitrophenol
Concen: 20.756 ng
RT: 9.90 min Scan# 1328
Delta R.T. 0.01 min
Lab File: BP000434.D
Acq: 26 Sep 2019 20:00

Tgt Ion	Ratio	Lower	Upper
184	100		
63	48.3	39.5	59.3
154	70.1	48.8	73.2





#55

Dibenzofuran

Concen: 52.990 ng

RT: 10.05 min Scan# 1353

Delta R.T. 0.01 min

Lab File: BP000434.D

Acq: 26 Sep 2019 20:00

Instrument :

BNA_P

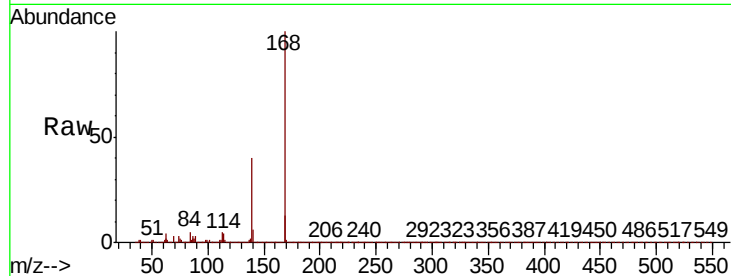
ClientSampled :

TS-2MSD

Tot Ion:	168	Resp:	836923
Ion Ratio	Lower	Upper	
168	100		
139	39.9	30.0	45.0
169	13.4	11.0	16.6

Manual Integrations
APPROVED

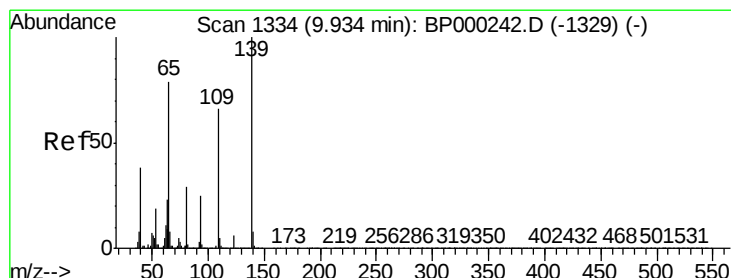
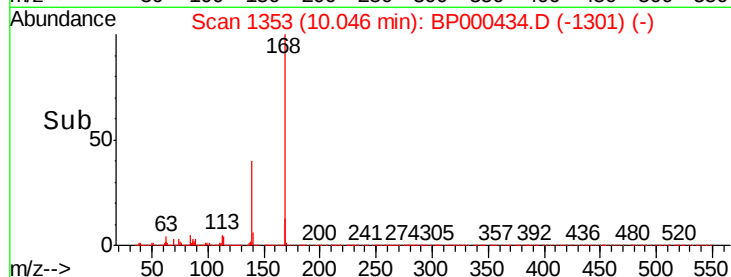
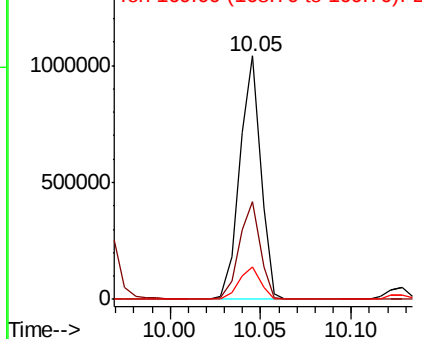
mohammad
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Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56

4-Nitrophenol

Concen: 88.162 ng

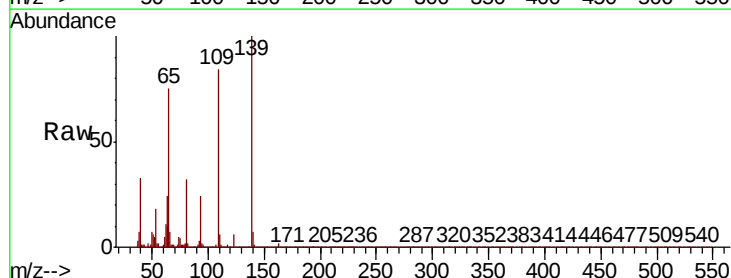
RT: 9.97 min Scan# 1340

Delta R.T. 0.04 min

Lab File: BP000434.D

Acq: 26 Sep 2019 20:00

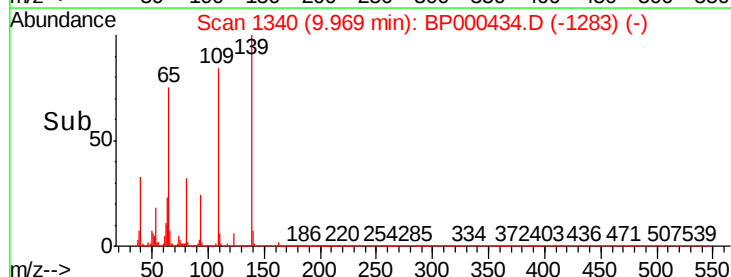
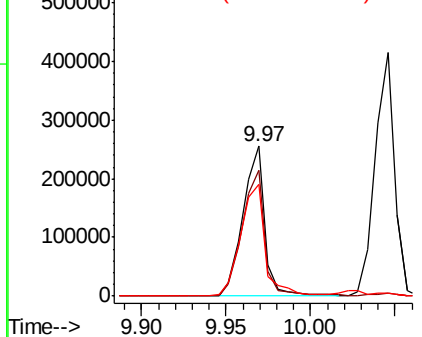
Tgt Ion:	139	Resp:	231419
Ion Ratio	Lower	Upper	
139	100		
109	84.3	46.2	86.2
65	75.0	59.4	99.4

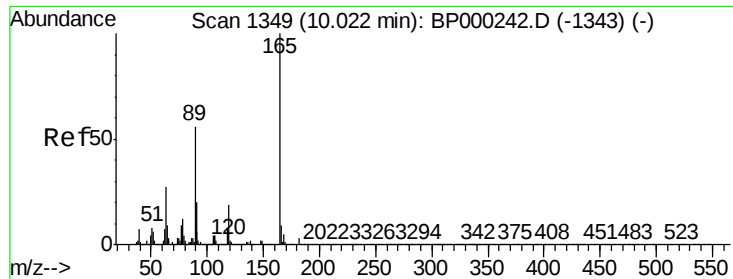


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BPO





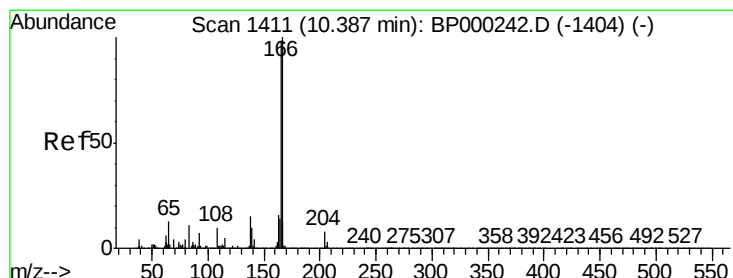
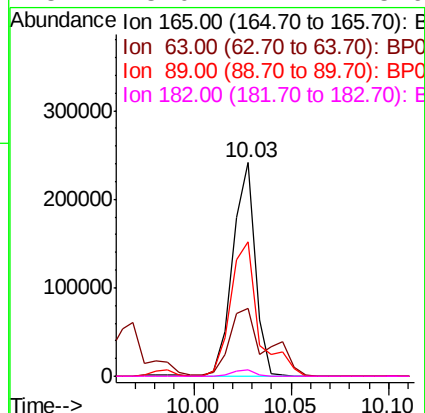
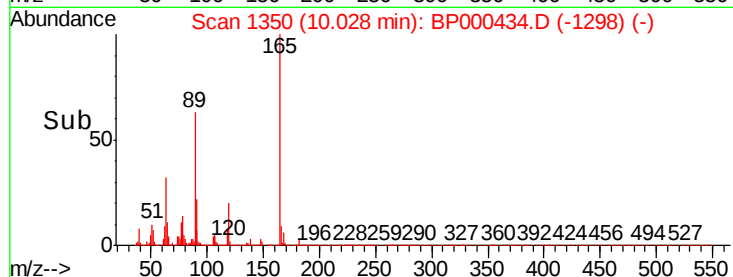
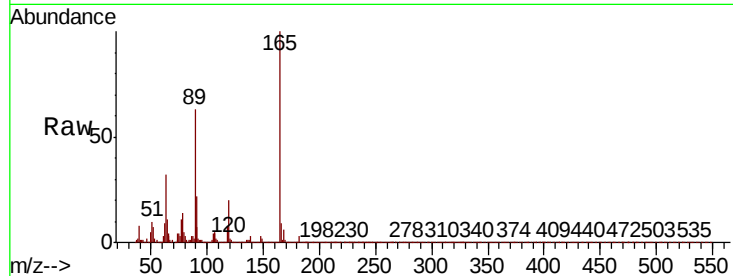
#57
2,4-Dinitrotoluene
Concen: 48.331 ng
RT: 10.03 min Scan# 1350
Delta R.T. 0.01 min
Lab File: BP000434.D
Acq: 26 Sep 2019 20:00

Instrument :
BNA_P
ClientSampleId :
TS-2MSD

Tot Ion:	165	Resp:	192107
Ion Ratio	Lower	Upper	
165	100		
63	31.8	21.7	32.5
89	63.0	45.0	67.6
182	3.0	2.4	3.6

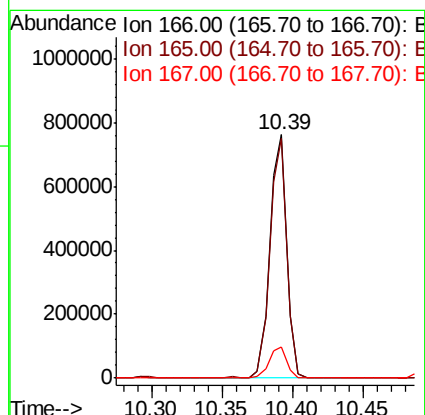
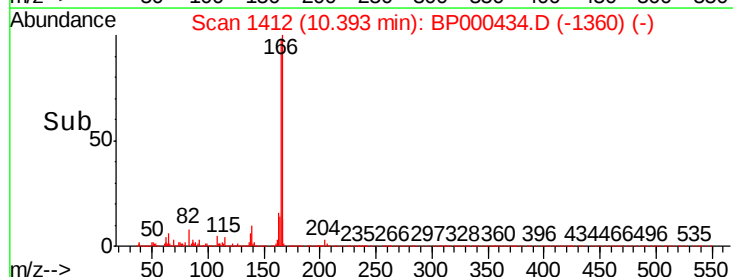
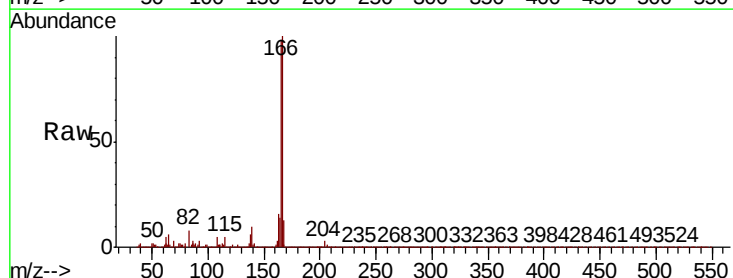
Manual Integrations
APPROVED

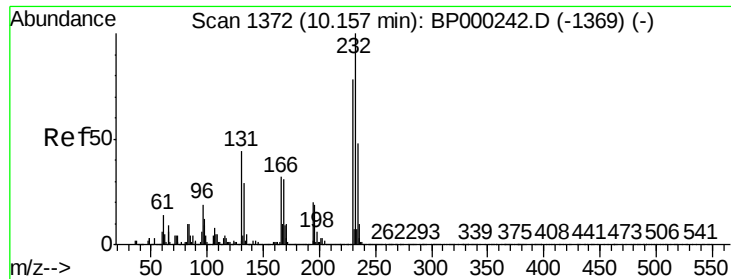
mohammad
9/27/2019 1:47:25 PM



#58
Fluorene
Concen: 52.824 ng
RT: 10.39 min Scan# 1412
Delta R.T. 0.01 min
Lab File: BP000434.D
Acq: 26 Sep 2019 20:00

Tgt Ion:	166	Resp:	644413
Ion Ratio	Lower	Upper	
166	100		
165	98.5	78.2	117.2
167	13.0	10.7	16.1





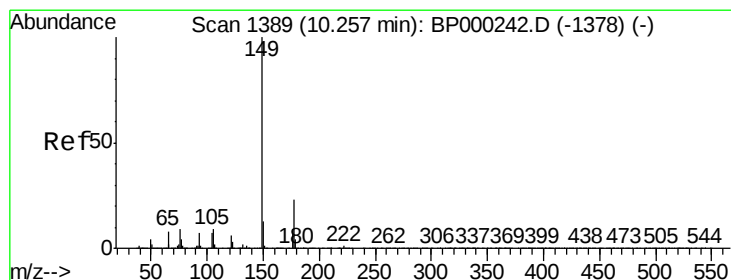
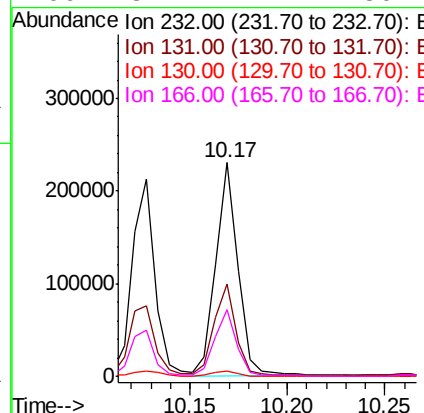
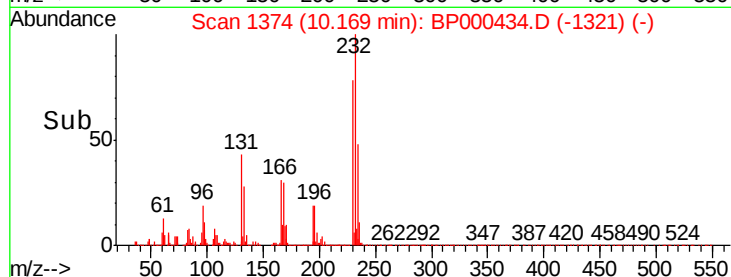
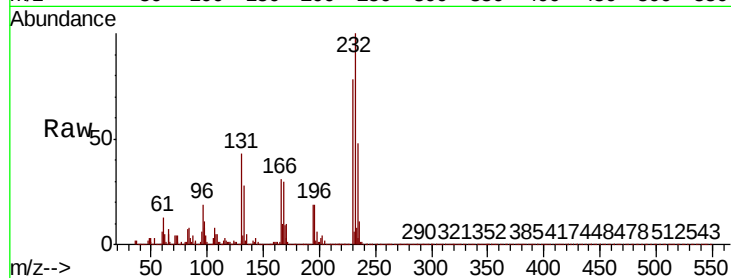
#59
2,3,4,6-Tetrachlorophenol
Concen: 53.525 ng
RT: 10.17 min Scan# 1374
Delta R.T. 0.01 min
Lab File: BP000434.D
Acq: 26 Sep 2019 20:00

Instrument :
BNA_P
ClientSampleId :
TS-2MSD

Tot Ion	Ratio	Resp Lower	Resp Upper
232	100		
131	43.1	33.6	50.4
130	2.5	1.8	2.6
166	31.2	24.2	36.2

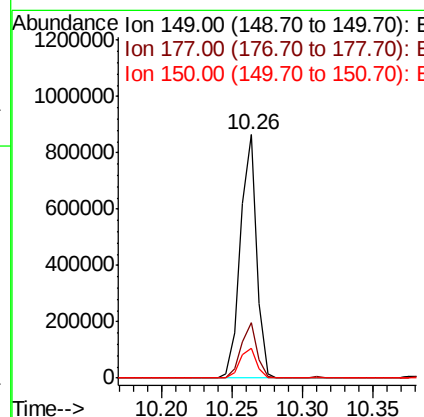
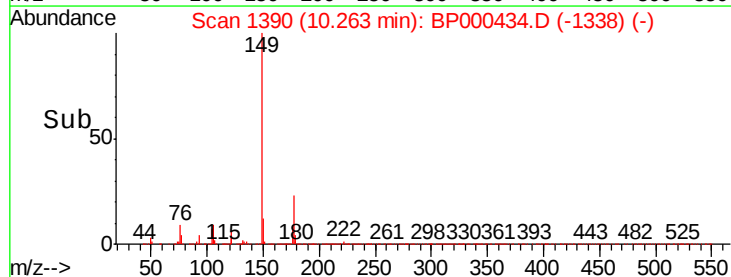
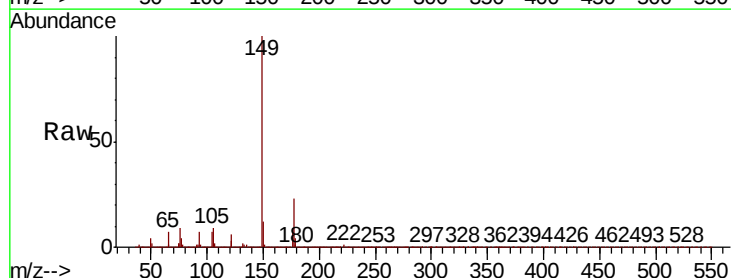
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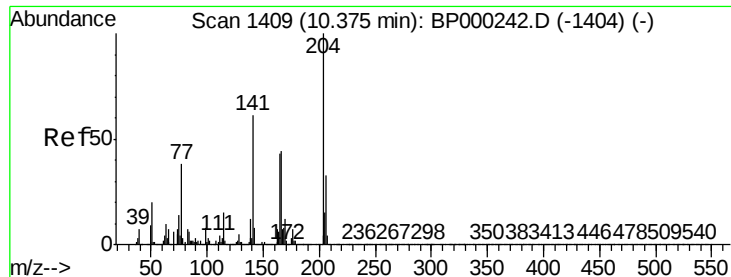
mohammad
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#60
Diethylphthalate
Concen: 51.617 ng
RT: 10.26 min Scan# 1390
Delta R.T. 0.01 min
Lab File: BP000434.D
Acq: 26 Sep 2019 20:00

Tgt Ion	Ratio	Resp Lower	Resp Upper
149	100		
177	22.7	18.1	27.1
150	12.5	10.3	15.5





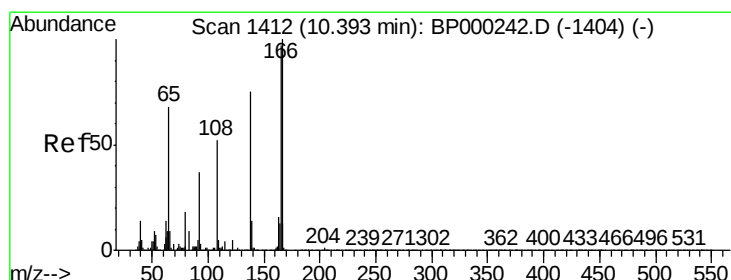
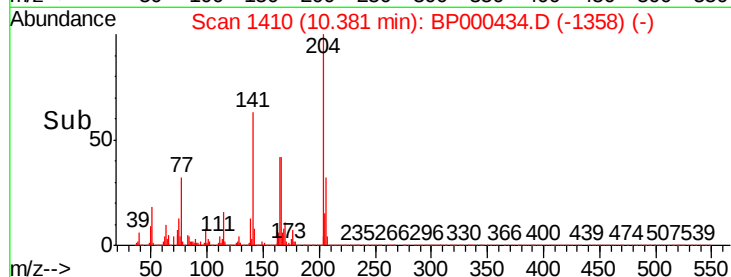
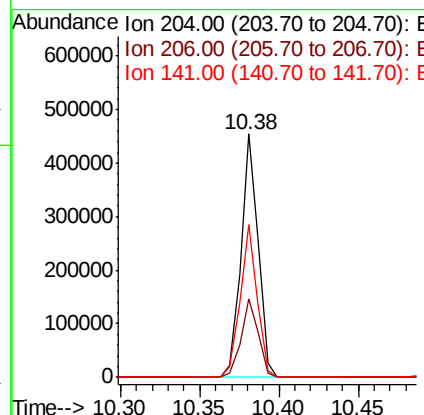
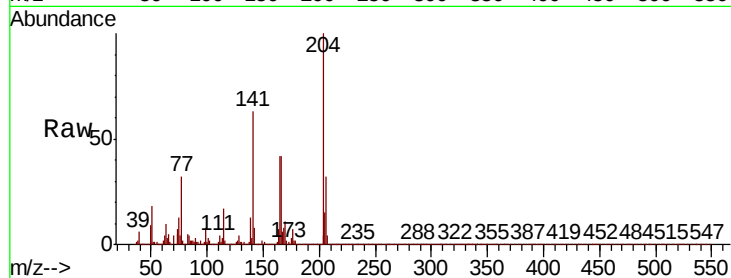
#61
4-Chlorophenyl-phenylether
Concen: 54.256 ng
RT: 10.38 min Scan# 1410
Delta R.T. 0.01 min
Lab File: BP000434.D
Acq: 26 Sep 2019 20:00

Instrument :
BNA_P
ClientSampleId :
TS-2MSD

Tot Ion	Ratio	Resp	Lower	Upper
204	100			
206	32.1	26.3	39.5	
141	62.6	48.6	72.8	

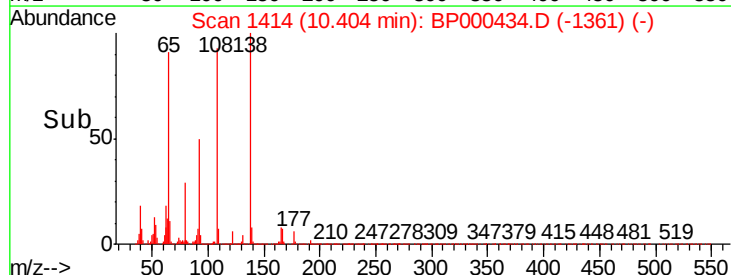
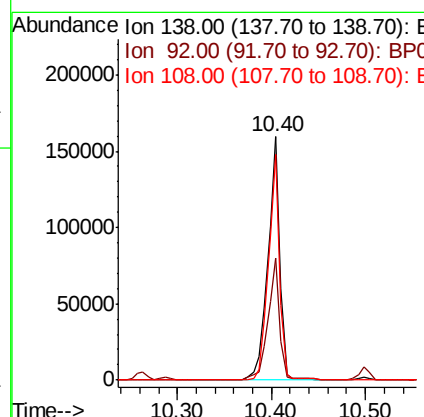
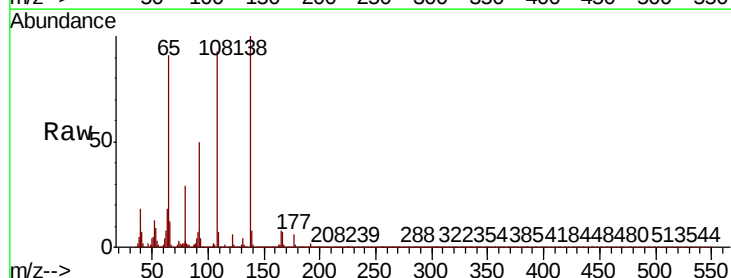
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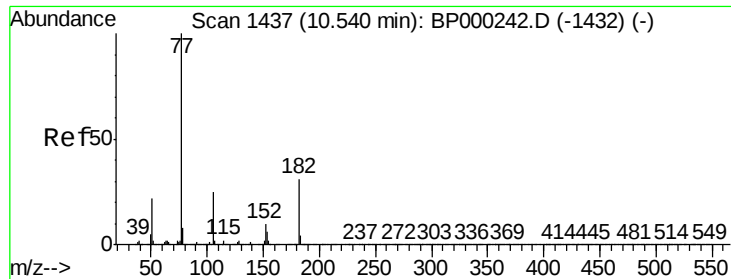
mohammad
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#62
4-Nitroaniline
Concen: 40.710 ng
RT: 10.40 min Scan# 1414
Delta R.T. 0.01 min
Lab File: BP000434.D
Acq: 26 Sep 2019 20:00

Tgt Ion	Ratio	Resp	Lower	Upper
138	100			
92	50.3	30.1	70.1	
108	92.8	49.5	89.5	





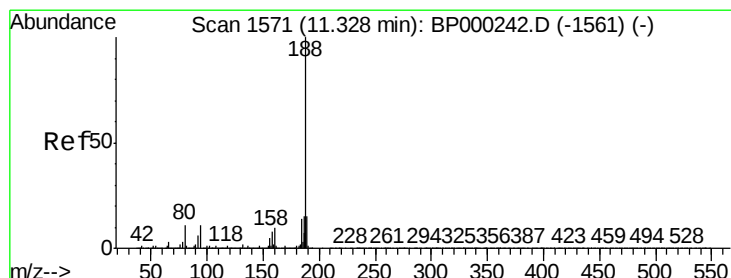
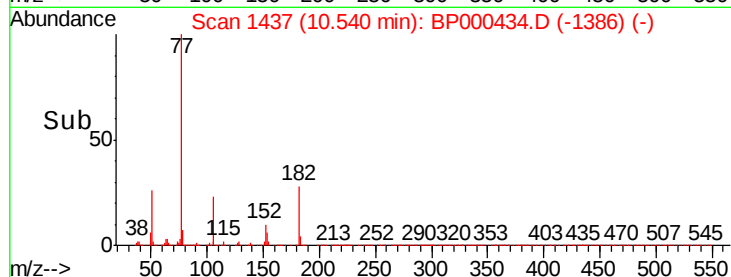
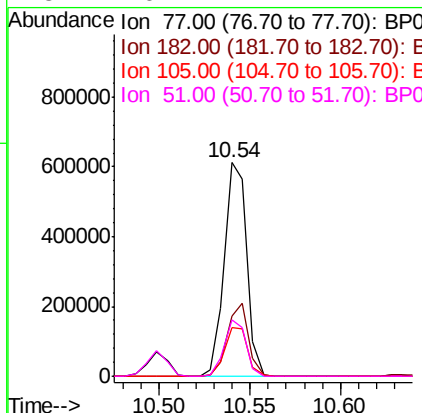
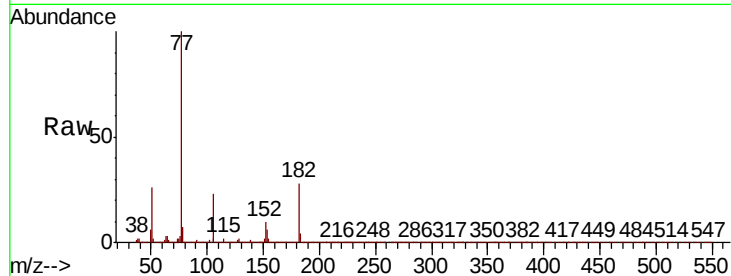
#63
Azobenzene
Concen: 46.825 ng
RT: 10.54 min Scan# 1437
Delta R.T. -0.00 min
Lab File: BP000434.D
Acq: 26 Sep 2019 20:00

Instrument :
BNA_P
ClientSampleId :
TS-2MSD

Tot Ion:	77	Resp:	527706
Ion Ratio	Lower	Upper	
77	100		
182	28.0	11.1	51.1
105	22.7	4.7	44.7
51	26.1	2.2	42.2

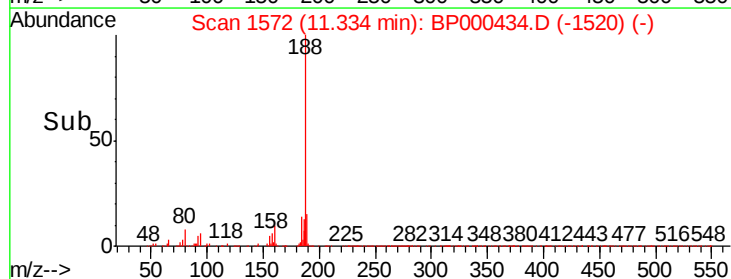
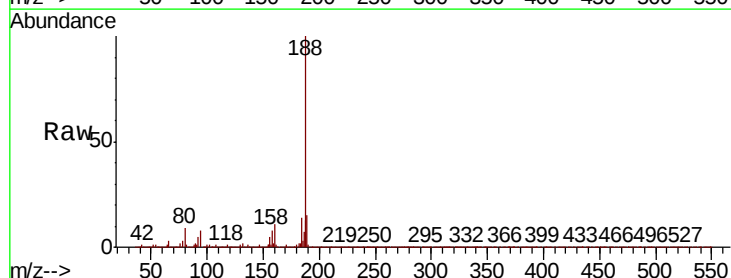
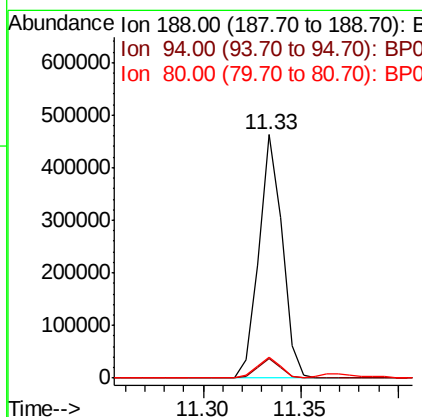
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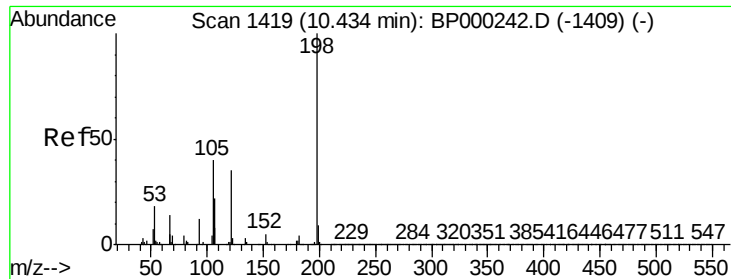
mohammad
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.33 min Scan# 1572
Delta R.T. 0.01 min
Lab File: BP000434.D
Acq: 26 Sep 2019 20:00

Tgt Ion:	188	Resp:	384061
Ion Ratio	Lower	Upper	
188	100		
94	7.9	8.5	12.7#
80	8.7	8.6	13.0





#65

4,6-Dinitro-2-methylphenol

Concen: 13.556 ng

RT: 10.44 min Scan# 1420

Delta R.T. 0.01 min

Lab File: BP000434.D

Acq: 26 Sep 2019 20:00

Instrument :

BNA_P

ClientSampleId :

TS-2MSD

Tot Ion:198 Resp: 24480

Ion Ratio Lower Upper

198 100

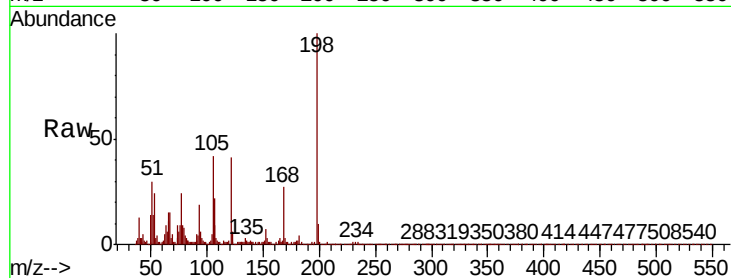
51 29.6 7.4 47.4

105 42.3 20.2 60.2

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Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BP

Ion 105.00 (104.70 to 105.70): E

200000

150000

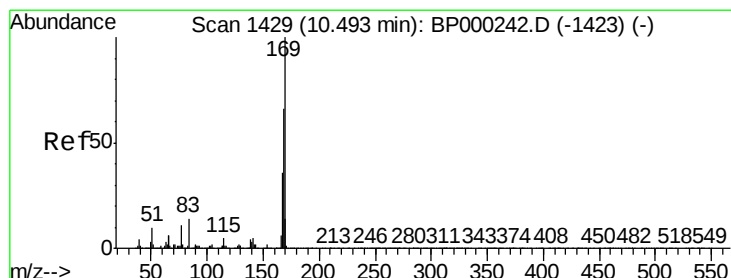
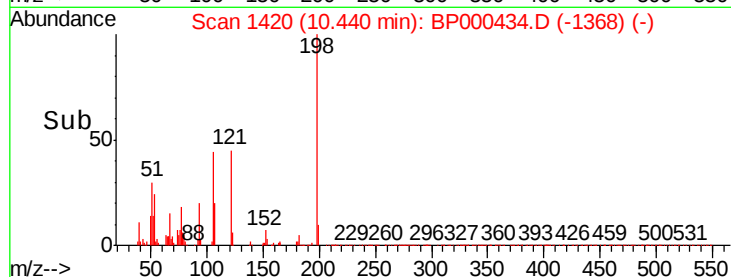
100000

50000

0

10.40 10.45 10.50

Time-->



#66

n-Nitrosodiphenylamine

Concen: 49.150 ng

RT: 10.50 min Scan# 1430

Delta R.T. 0.01 min

Lab File: BP000434.D

Acq: 26 Sep 2019 20:00

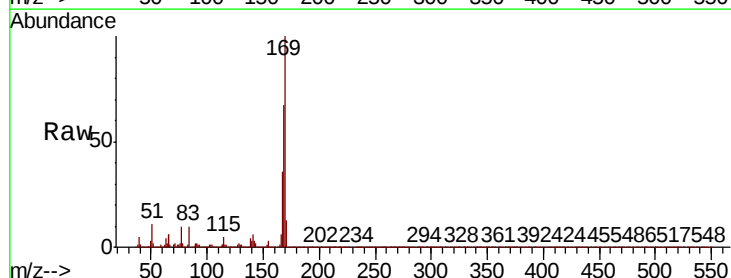
Tgt Ion:169 Resp: 568253

Ion Ratio Lower Upper

169 100

168 67.3 52.9 79.3

167 36.1 29.0 43.6



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

800000

600000

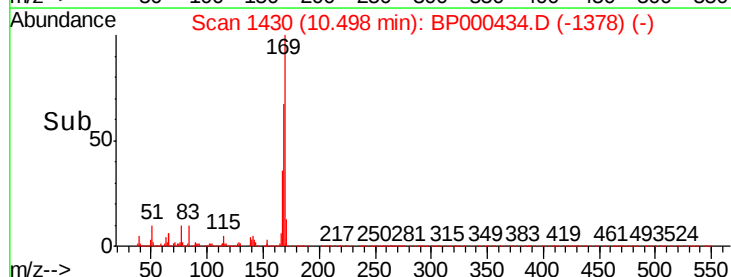
400000

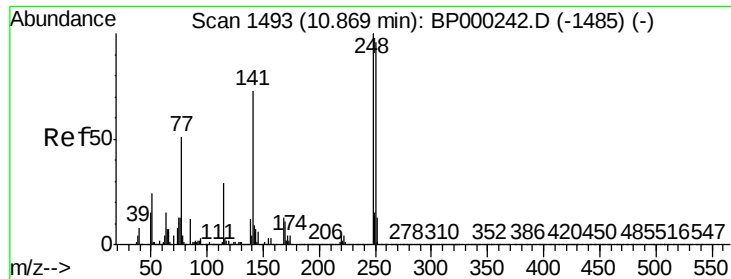
200000

0

10.50 10.60

Time-->





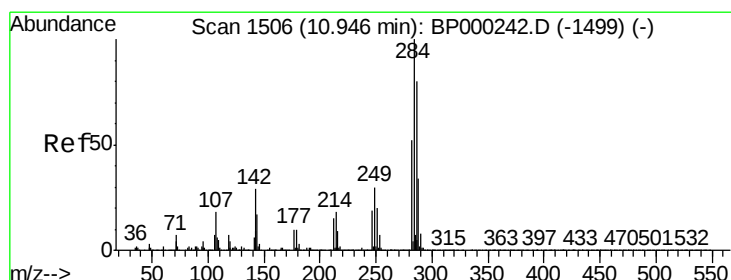
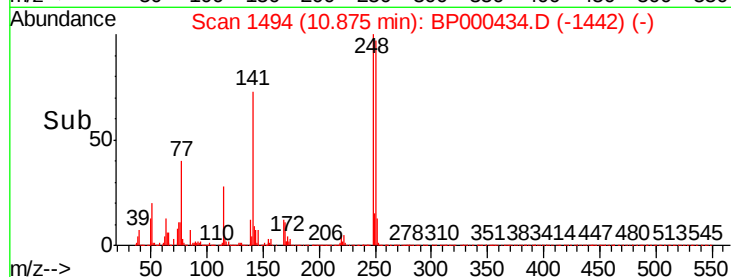
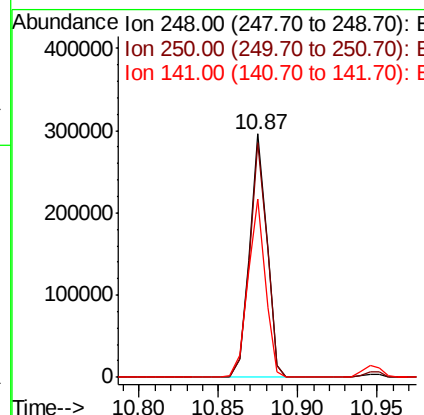
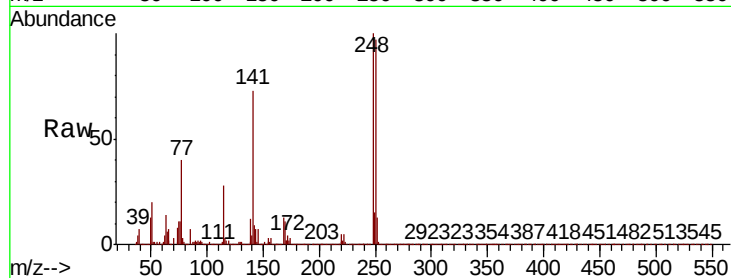
#67
4-Bromophenyl-phenylether
Concen: 51.564 ng
RT: 10.87 min Scan# 1494
Delta R.T. 0.01 min
Lab File: BP000434.D
Acq: 26 Sep 2019 20:00

Instrument :
BNA_P
ClientSampleId :
TS-2MSD

Tot Ion	Ratio	Lower	Upper
248	100		
250	96.6	77.0	115.4
141	73.3	58.5	87.7

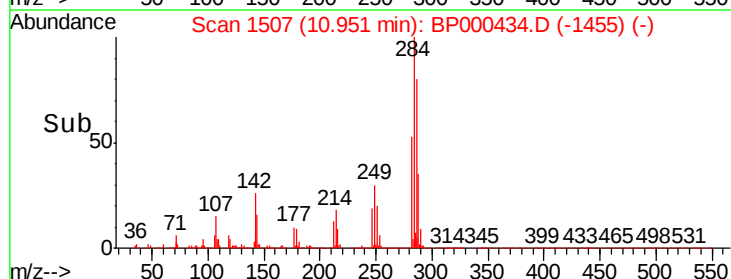
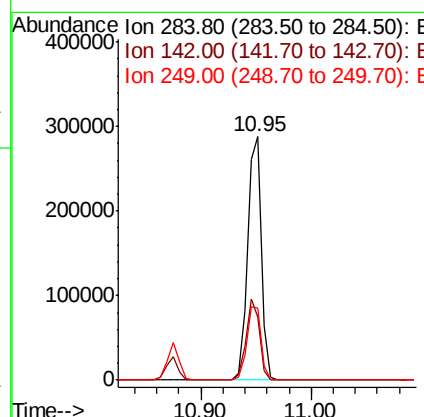
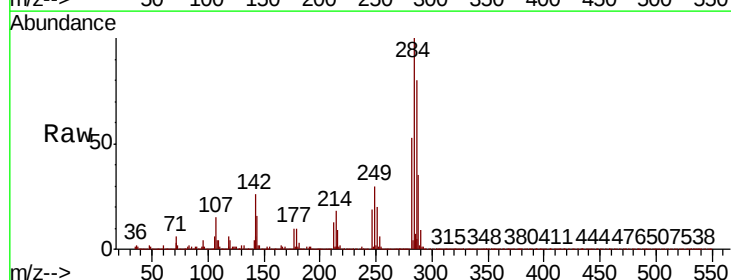
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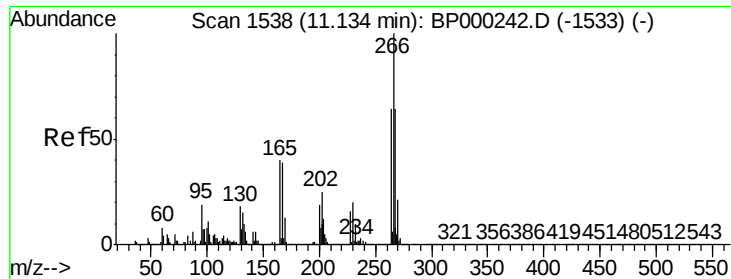
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#68
Hexachlorobenzene
Concen: 52.724 ng
RT: 10.95 min Scan# 1507
Delta R.T. 0.01 min
Lab File: BP000434.D
Acq: 26 Sep 2019 20:00

Tgt Ion	Ratio	Lower	Upper
284	100		
142	25.9	23.6	35.4
249	29.7	24.3	36.5





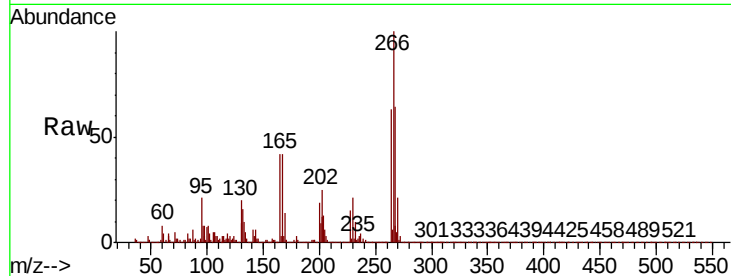
#70
 Pentachlorophenol
 Concen: 101.217 ng
 RT: 11.15 min Scan# 1540
 Delta R.T. 0.01 min
 Lab File: BP000434.D
 Acq: 26 Sep 2019 20:00

Instrument :
 BNA_P
 ClientSampleId :
 TS-2MSD

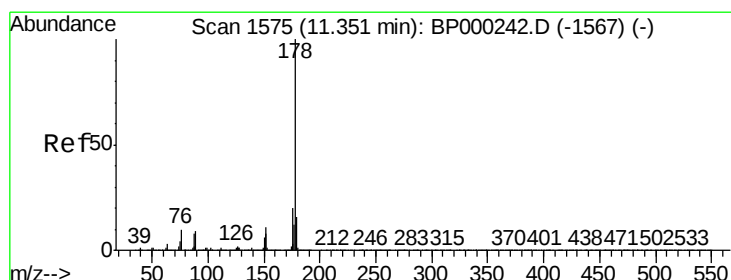
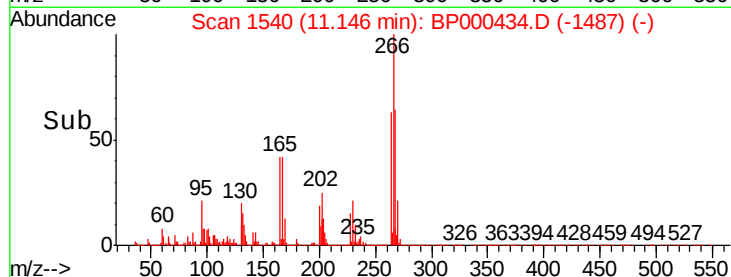
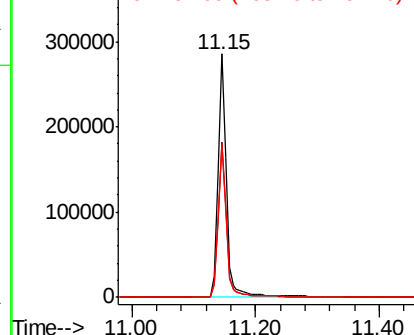
Tot Ion	Ratio	Lower	Upper
266	100		
268	64.0	51.6	77.4
264	62.6	50.8	76.2

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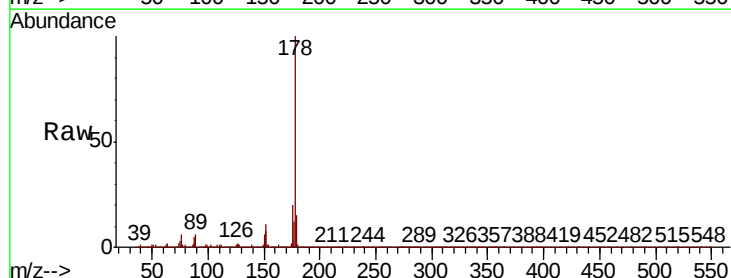


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

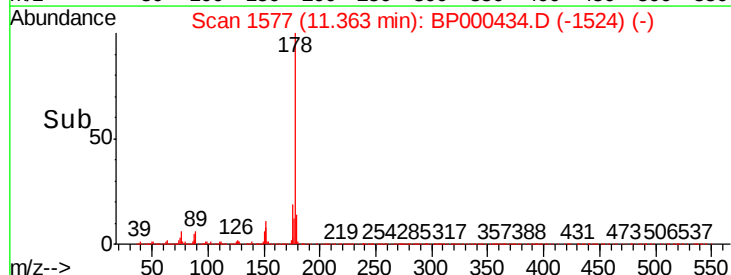
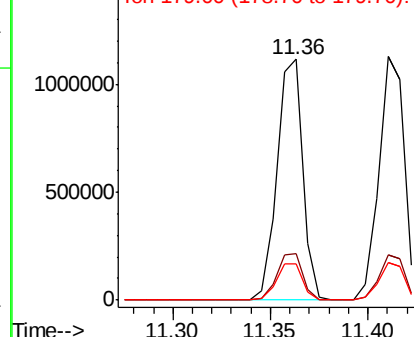


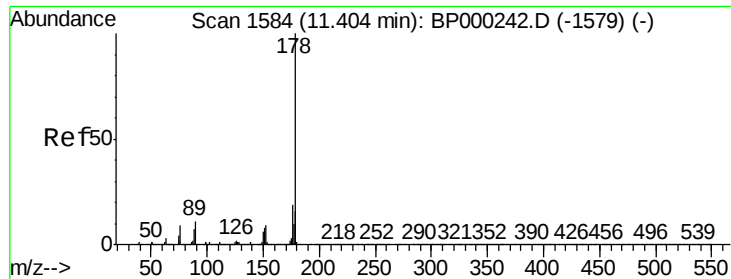
#71
 Phenanthrene
 Concen: 52.834 ng
 RT: 11.36 min Scan# 1577
 Delta R.T. 0.01 min
 Lab File: BP000434.D
 Acq: 26 Sep 2019 20:00

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.5	15.8	23.8
179	15.3	12.7	19.1



Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E





#72

Anthracene

Concen: 51.351 ng

RT: 11.41 min Scan# 1585

Delta R.T. 0.01 min

Lab File: BP000434.D

Acq: 26 Sep 2019 20:00

Instrument :

BNA_P

ClientSampled :

TS-2MSD

Tot Ion:178 Resp: 1017288

Ion Ratio Lower Upper

178 100

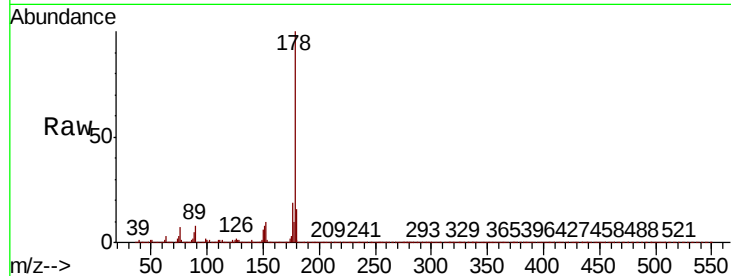
176 18.8 15.4 23.0

179 15.7 12.7 19.1

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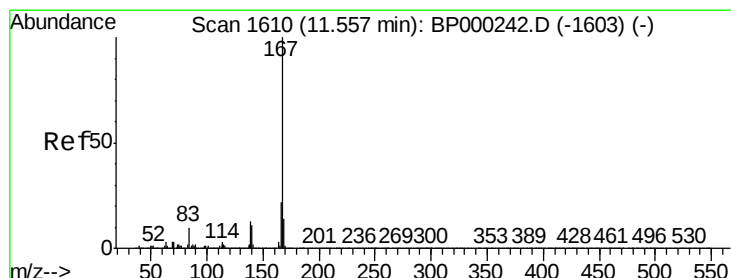
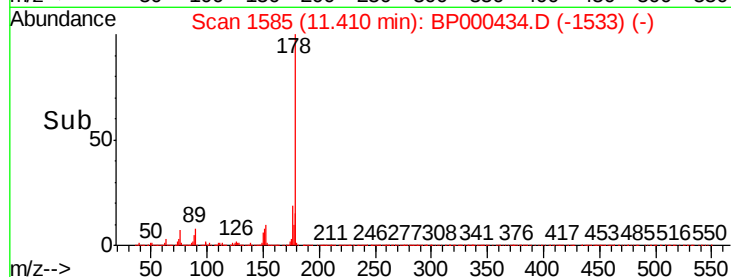
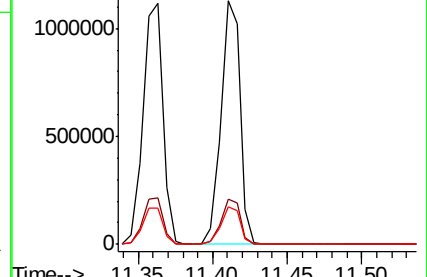
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Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#73

Carbazole

Concen: 49.597 ng

RT: 11.57 min Scan# 1612

Delta R.T. 0.01 min

Lab File: BP000434.D

Acq: 26 Sep 2019 20:00

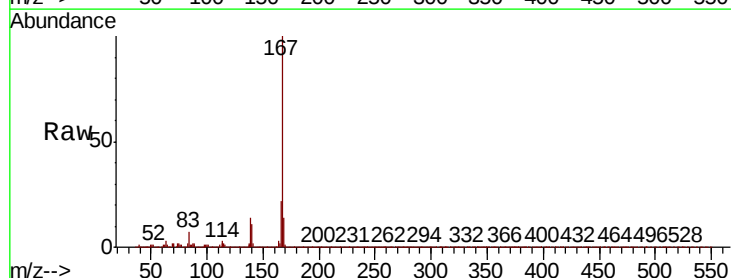
Tgt Ion:167 Resp: 884858

Ion Ratio Lower Upper

167 100

166 22.1 17.8 26.8

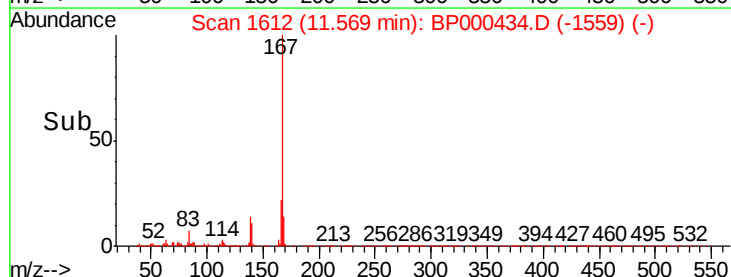
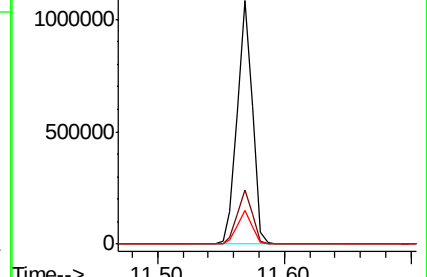
139 13.9 10.8 16.2

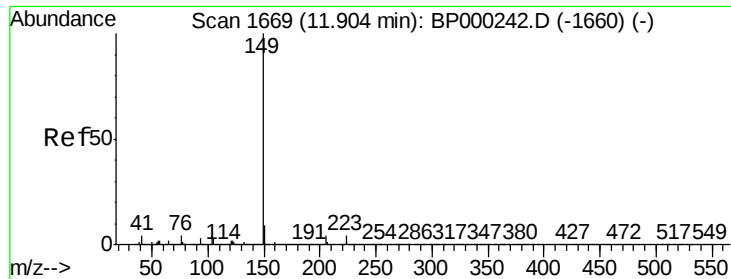


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





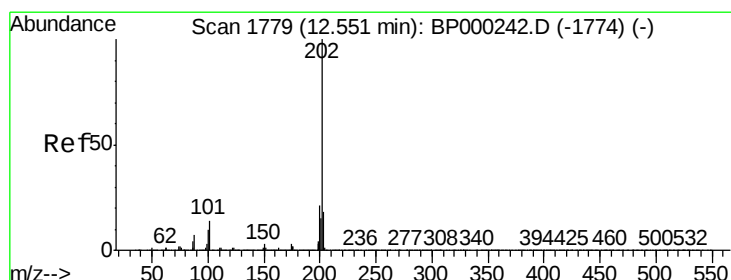
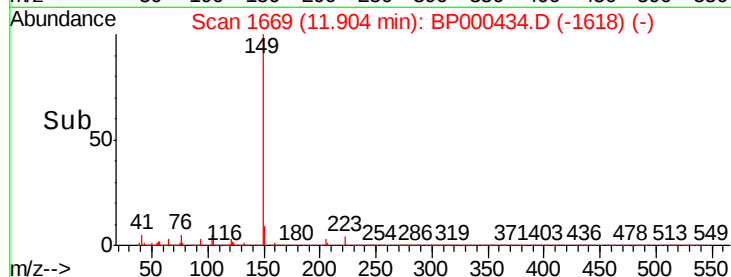
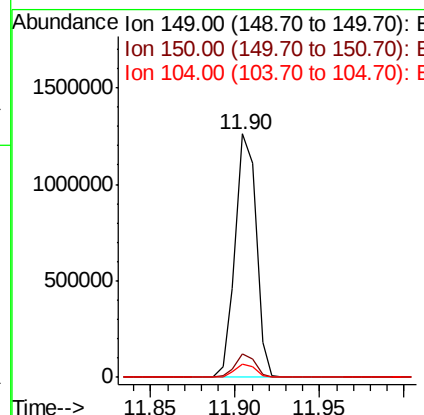
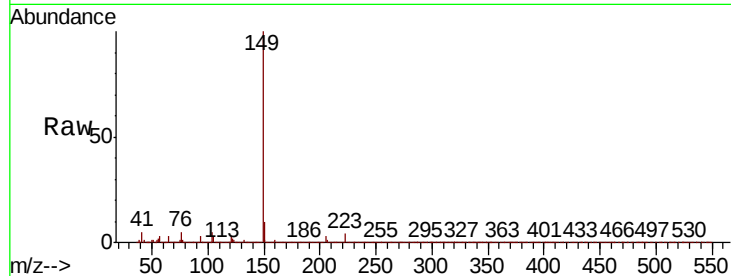
#74
Di-n-butylphthalate
Concen: 48.074 ng
RT: 11.90 min Scan# 1669
Delta R.T. -0.00 min
Lab File: BP000434.D
Acq: 26 Sep 2019 20:00

Instrument :
BNA_P
ClientSampleId :
TS-2MSD

Tot Ion	Ratio	Lower	Upper
149	100		
150	9.5	7.4	11.2
104	5.5	3.5	5.3

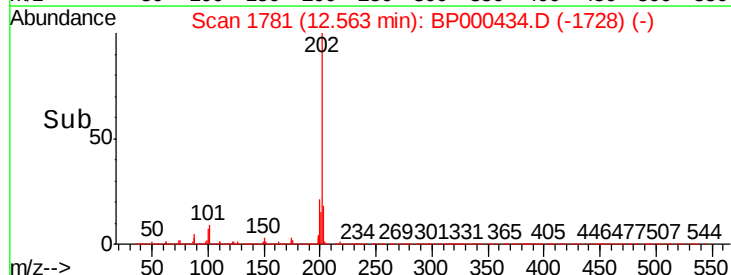
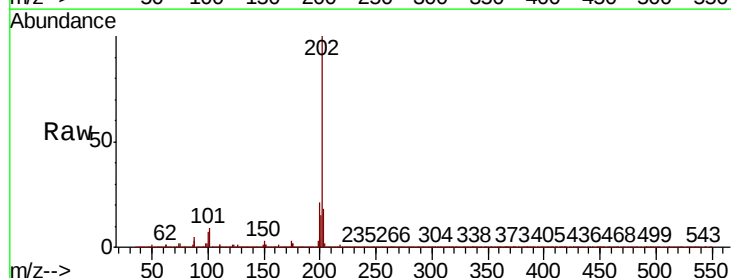
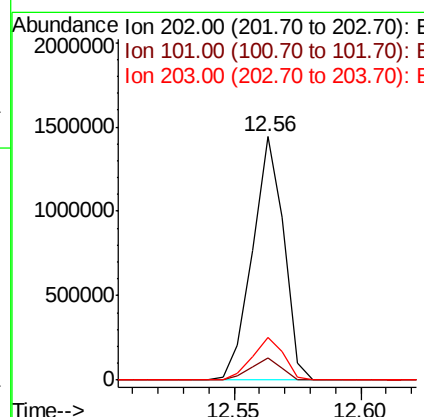
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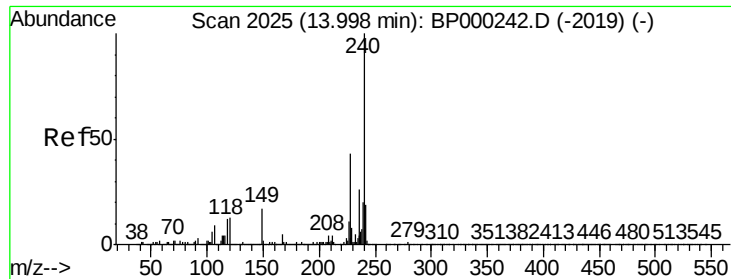
mohammad
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#75
Fluoranthene
Concen: 59.918 ng
RT: 12.56 min Scan# 1781
Delta R.T. 0.01 min
Lab File: BP000434.D
Acq: 26 Sep 2019 20:00

Tgt Ion	Ratio	Lower	Upper
202	100		
101	9.2	0.0	33.9
203	17.7	0.0	38.0





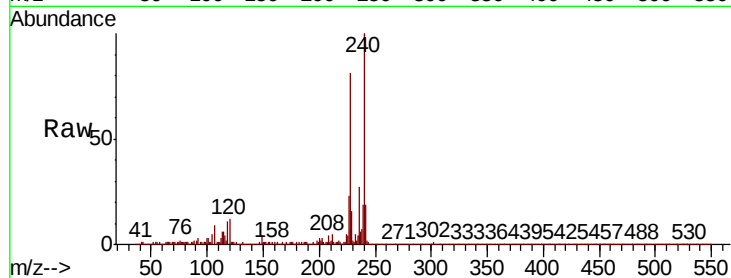
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.01 min Scan# 2027
Delta R.T. 0.01 min
Lab File: BP000434.D
Acq: 26 Sep 2019 20:00

Instrument :
BNA_P
ClientSampleId :
TS-2MSD

Tot Ion	Ratio	Lower	Upper
240	100		
120	12.1	10.4	15.6
236	26.5	21.0	31.6

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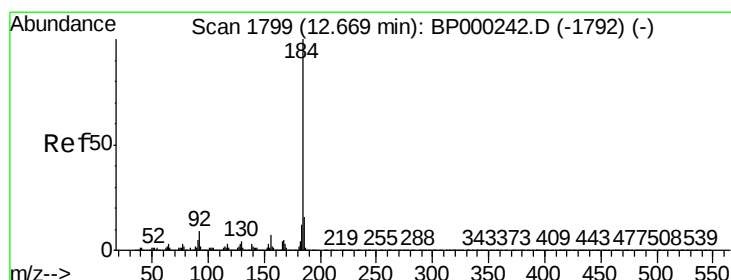
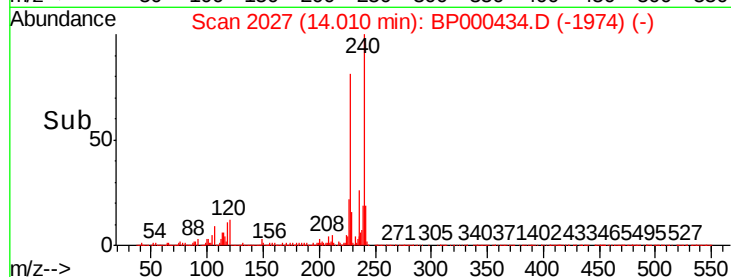
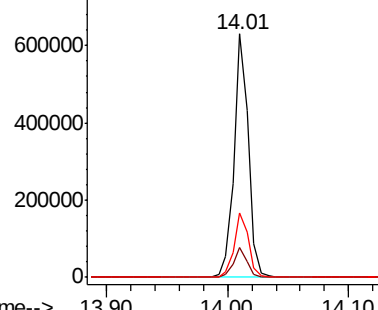


Abundance

Ion 240.00 (239.70 to 240.70): E

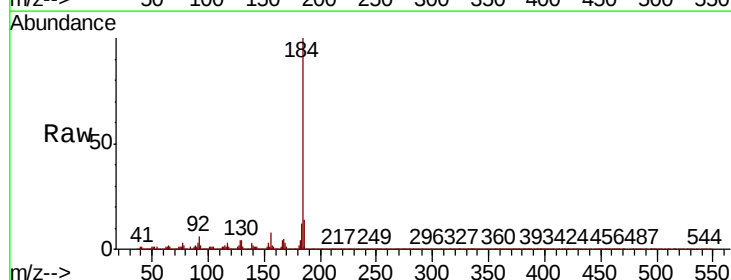
Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#77
Benzidine
Concen: 37.030 ng
RT: 12.69 min Scan# 1802
Delta R.T. 0.02 min
Lab File: BP000434.D
Acq: 26 Sep 2019 20:00

Tgt Ion	Ratio	Lower	Upper
184	100		
185	14.2	12.7	19.1
183	12.3	9.5	14.3

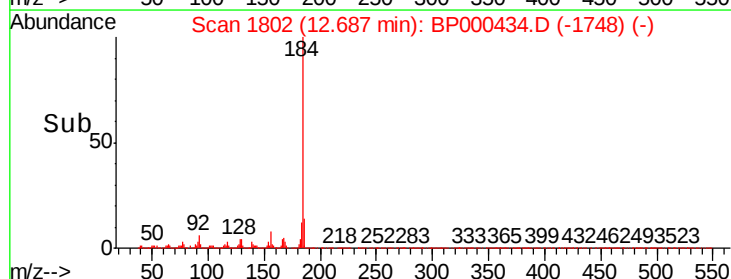
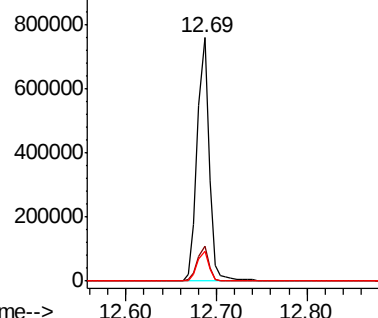


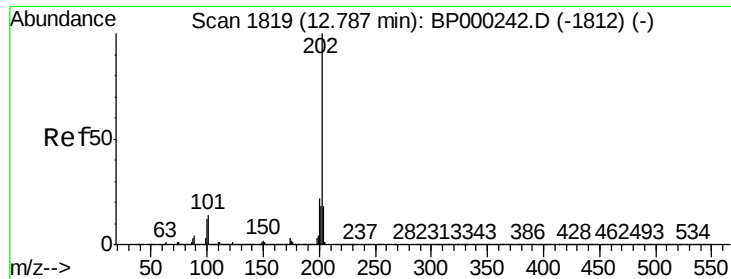
Abundance

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





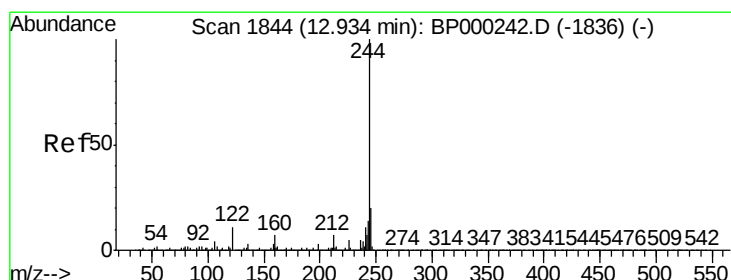
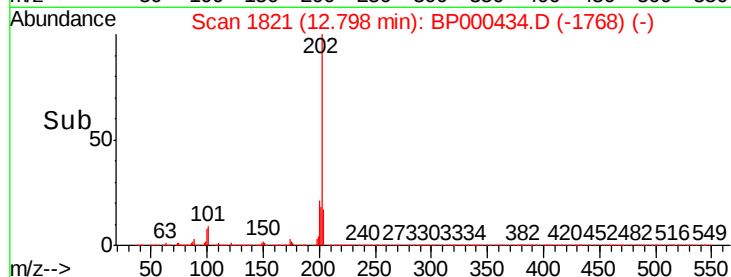
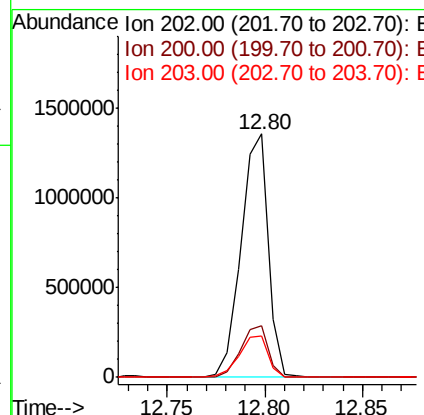
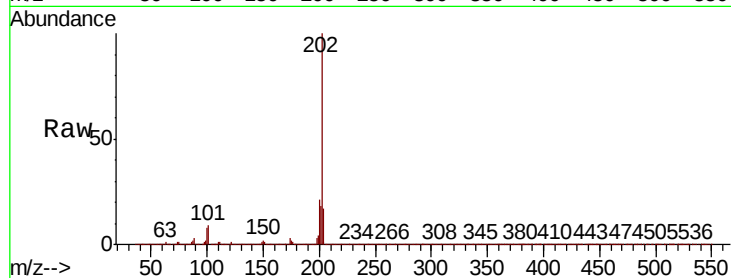
#78
Pvrene
Concen: 33.722 ng
RT: 12.80 min Scan# 1821
Delta R.T. 0.01 min
Lab File: BP000434.D
Acq: 26 Sep 2019 20:00

Instrument :
BNA_P
ClientSampleId :
TS-2MSD

Tot Ion	Ratio	Lower	Upper
202	100		
200	21.4	17.5	26.3
203	17.2	14.3	21.5

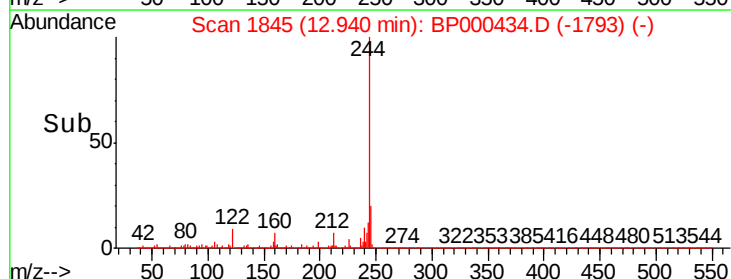
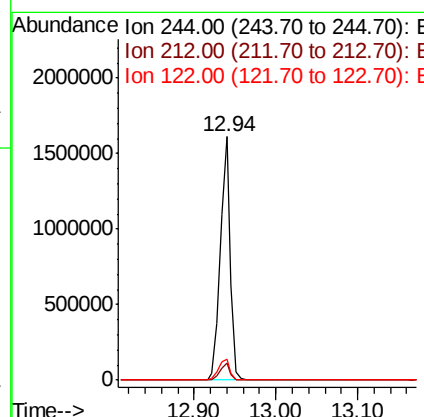
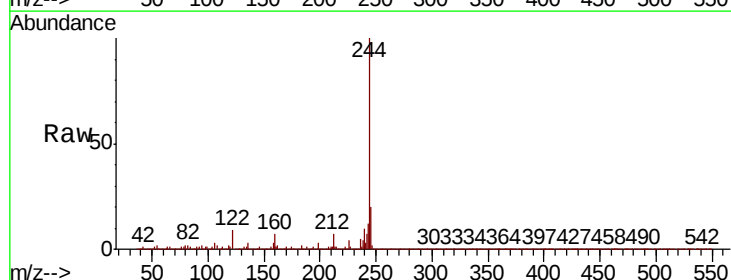
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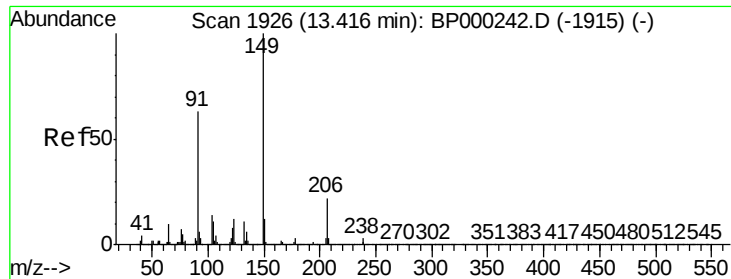
mohammad
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#79
Terphenyl-d14
Concen: 54.810 ng
RT: 12.94 min Scan# 1845
Delta R.T. 0.01 min
Lab File: BP000434.D
Acq: 26 Sep 2019 20:00

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.2	5.9	8.9
122	8.8	9.0	13.4





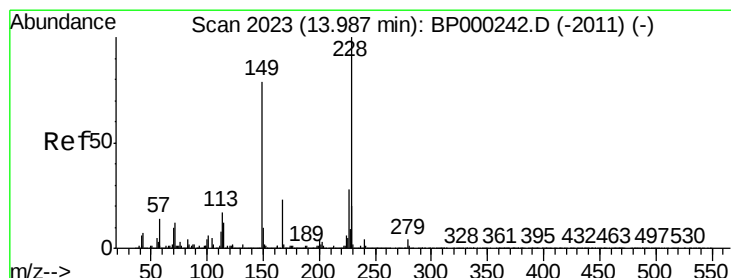
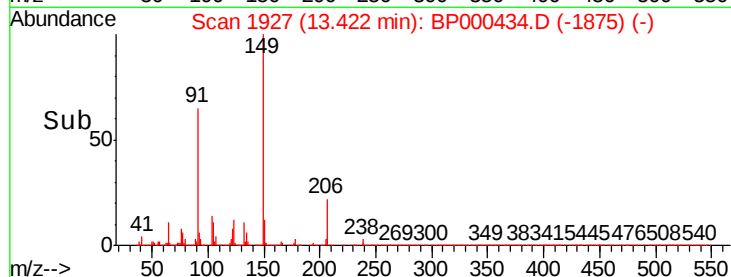
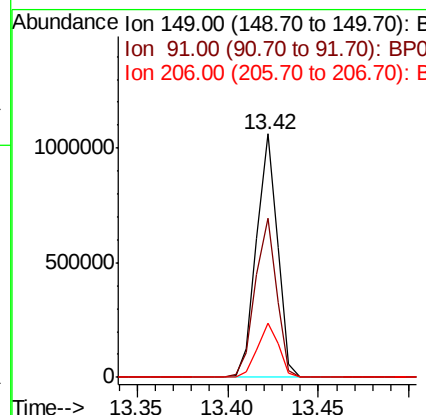
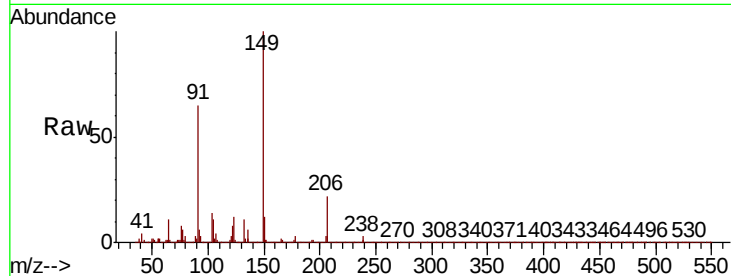
#80
Butylbenzylphthalate
Concen: 47.889 ng
RT: 13.42 min Scan# 1927
Delta R.T. 0.01 min
Lab File: BP000434.D
Acq: 26 Sep 2019 20:00

Instrument :
BNA_P
ClientSampled :
TS-2MSD

Tot Ion	Ratio	Lower	Upper
149	100		
91	65.4	50.6	76.0
206	22.1	17.8	26.6

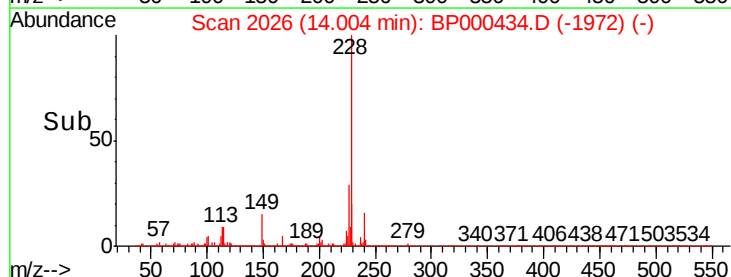
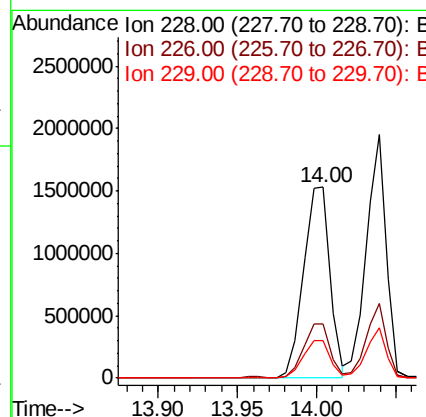
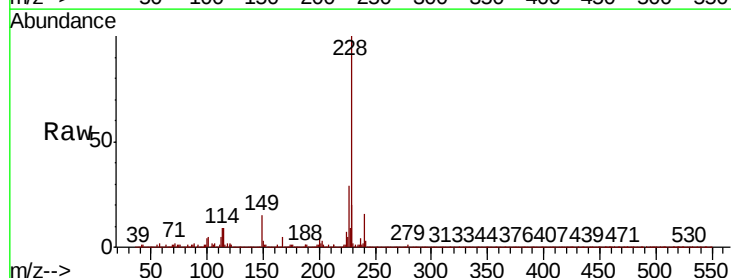
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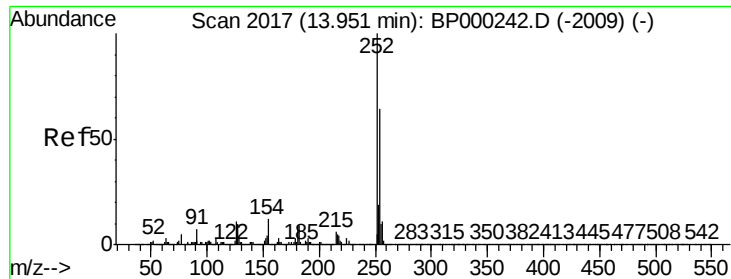
mohammad
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#81
Benzo(a)anthracene
Concen: 53.371 ng
RT: 14.00 min Scan# 2026
Delta R.T. 0.02 min
Lab File: BP000434.D
Acq: 26 Sep 2019 20:00

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.6	22.2	33.4
229	19.7	16.0	24.0





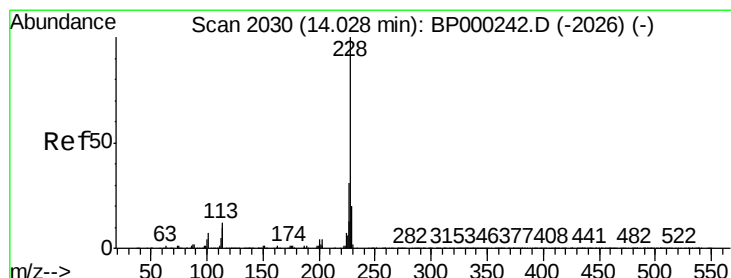
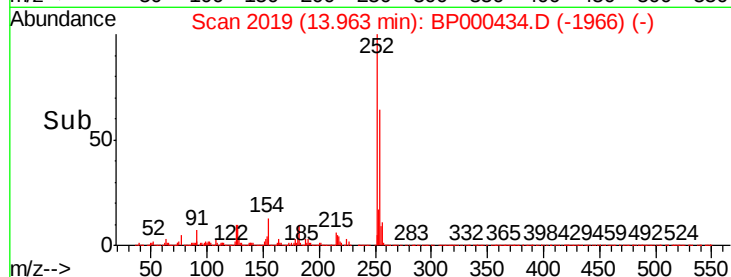
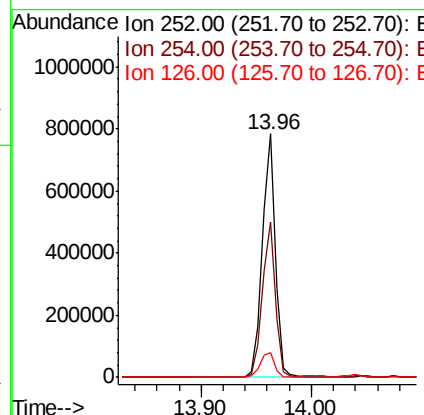
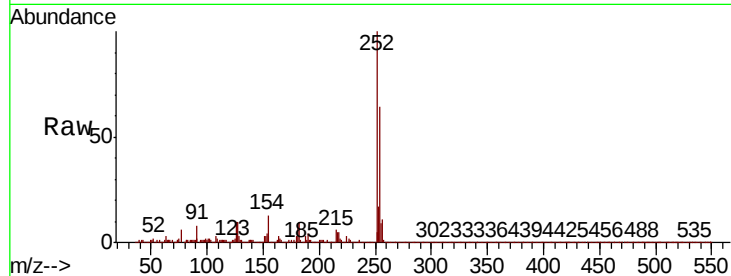
#82
 3,3'-Dichlorobenzidine
 Concen: 49.349 ng
 RT: 13.96 min Scan# 2019
 Delta R.T. 0.01 min
 Lab File: BP000434.D
 Acq: 26 Sep 2019 20:00

Instrument :
 BNA_P
 ClientSampled :
 TS-2MSD

Tot Ion	Ratio	Lower	Upper
252	100		
254	63.8	51.5	77.3
126	10.3	8.4	12.6

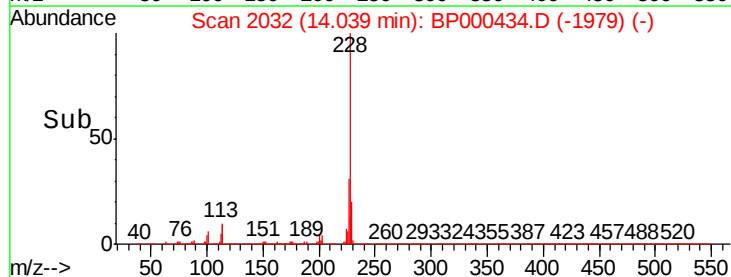
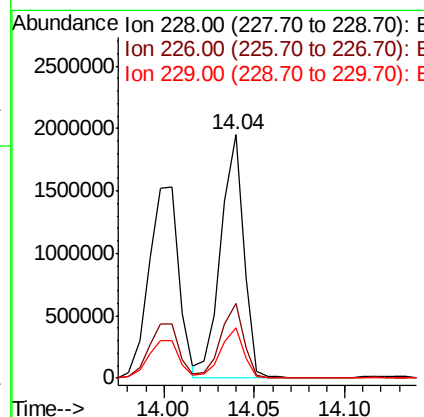
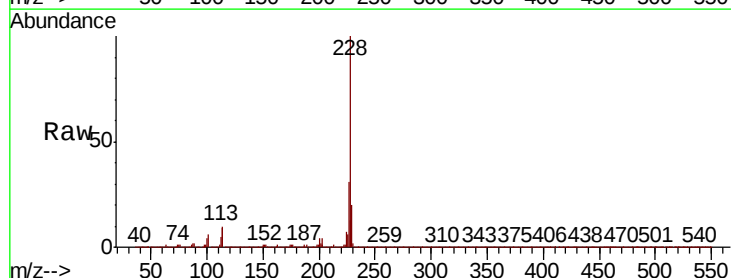
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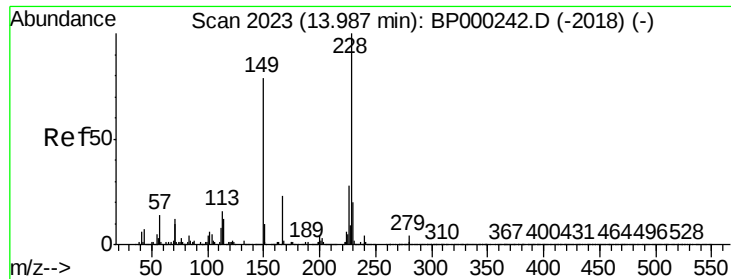
mohammad
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#83
 Chrysene
 Concen: 53.378 ng
 RT: 14.04 min Scan# 2032
 Delta R.T. 0.01 min
 Lab File: BP000434.D
 Acq: 26 Sep 2019 20:00

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.9	24.9	37.3
229	20.5	16.2	24.2





#84

Bis(2-ethylhexyl)phthalate

Concen: 47.841 ng

RT: 13.99 min Scan# 2024

Delta R.T. 0.01 min

Lab File: BP000434.D

Acq: 26 Sep 2019 20:00

Instrument :

BNA_P

ClientSampled :

TS-2MSD

Tot Ion:149 Resp: 1025577

Ion Ratio Lower Upper

149 100

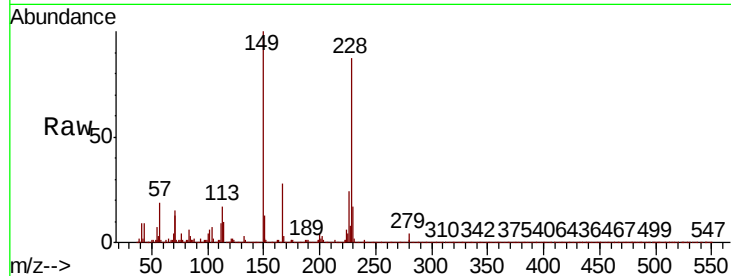
167 27.5 23.0 34.4

279 4.4 3.7 5.5

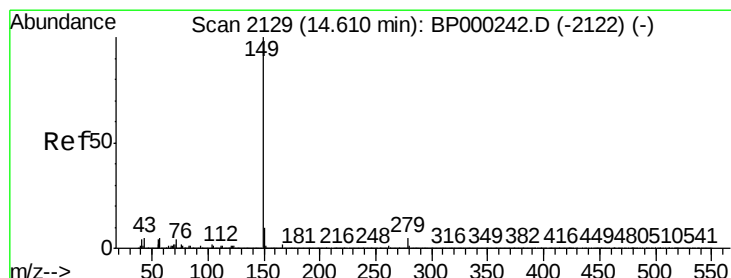
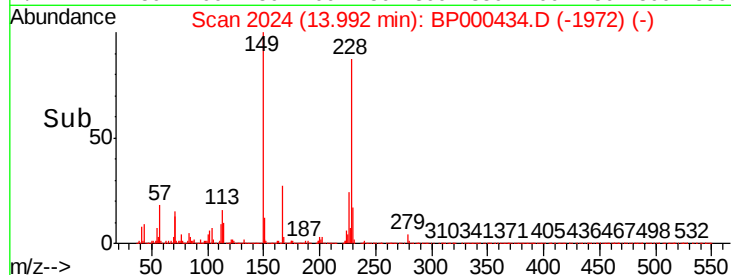
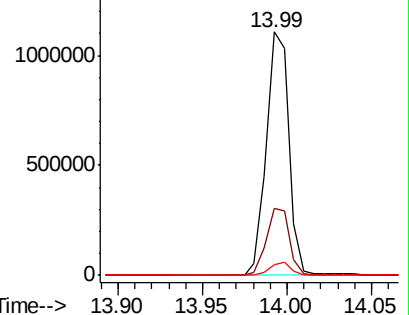
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Abundance Ion 149.00 (148.70 to 149.70): E
1500000
Ion 167.00 (166.70 to 167.70): E
Ion 279.00 (278.70 to 279.70): E



#85

Di-n-octyl phthalate

Concen: 50.485 ng

RT: 14.62 min Scan# 2130

Delta R.T. 0.01 min

Lab File: BP000434.D

Acq: 26 Sep 2019 20:00

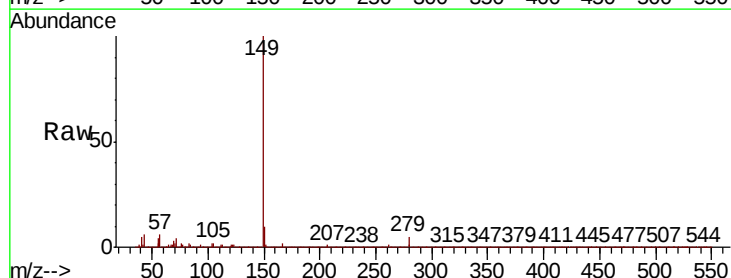
Tgt Ion:149 Resp: 2005854

Ion Ratio Lower Upper

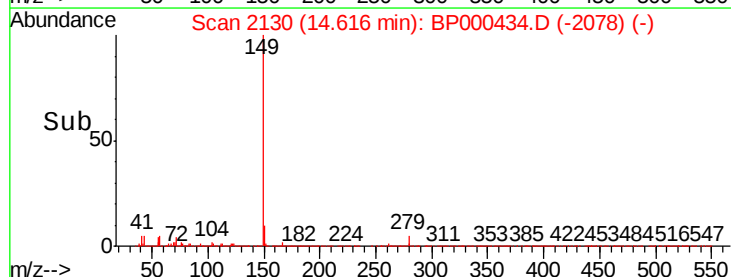
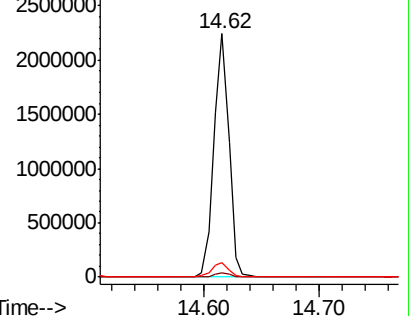
149 100

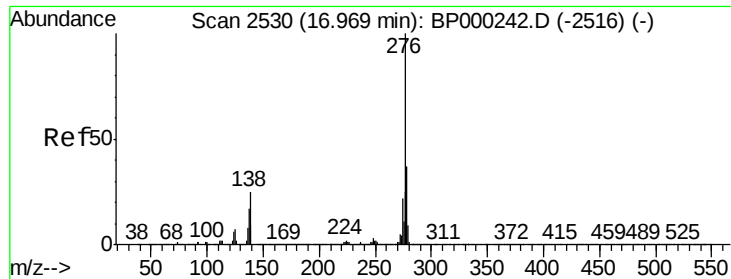
167 1.6 1.4 2.0

43 5.8 5.0 7.6



Abundance Ion 149.00 (148.70 to 149.70): E
3000000
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BPO





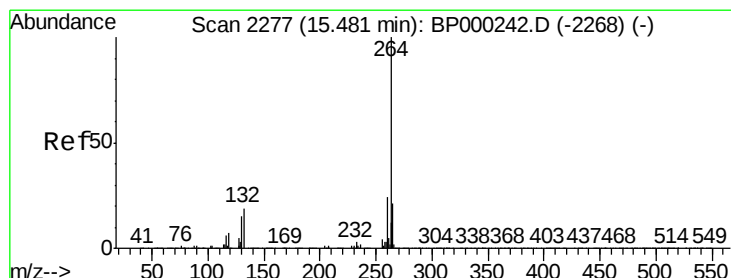
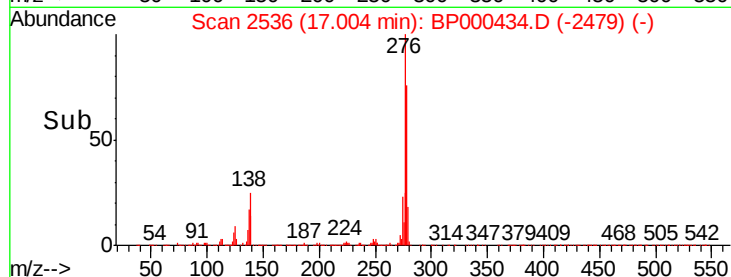
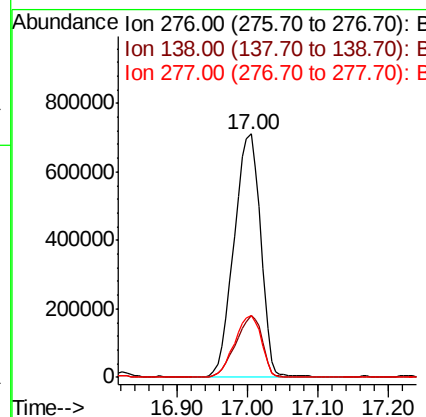
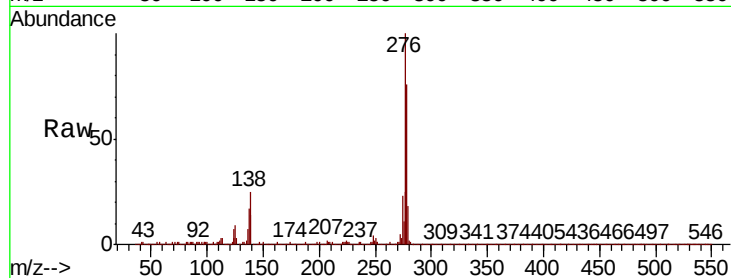
#86
 Indeno(1,2,3-cd)pyrene
 Concen: 47.313 ng
 RT: 17.00 min Scan# 2536
 Delta R.T. 0.04 min
 Lab File: BP000434.D
 Acq: 26 Sep 2019 20:00

Instrument :
 BNA_P
 ClientSampleId :
 TS-2MSD

Tot Ion	Ratio	Lower	Upper
276	100		
138	24.9	22.6	33.8
277	25.6	20.4	30.6

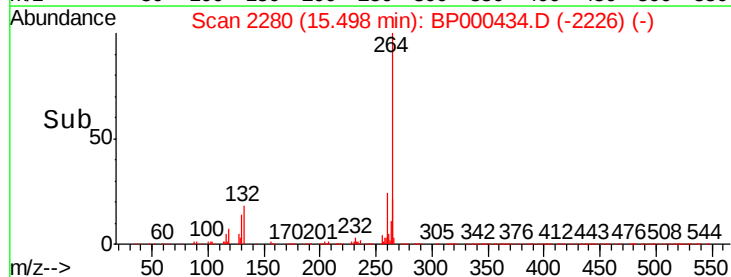
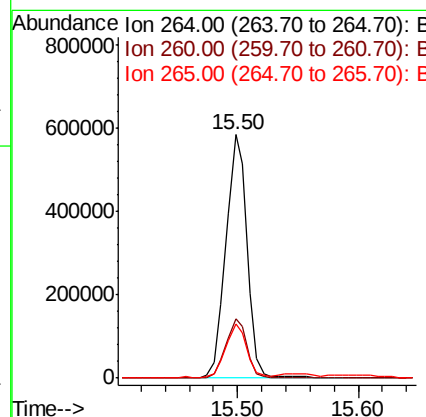
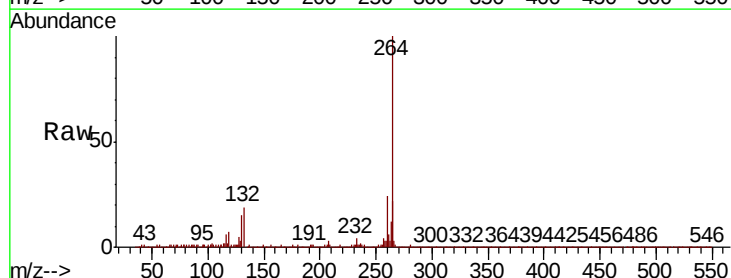
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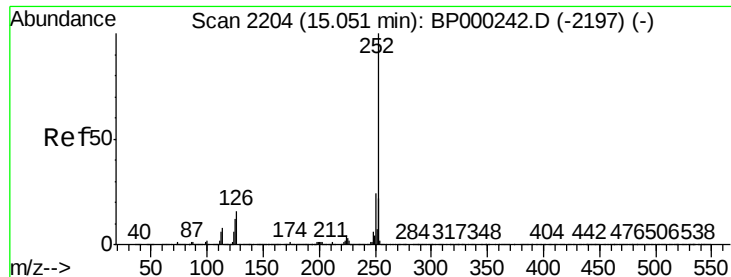
mohammad
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#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.50 min Scan# 2280
 Delta R.T. 0.02 min
 Lab File: BP000434.D
 Acq: 26 Sep 2019 20:00

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.4	18.9	28.3
265	22.5	17.2	25.8





#88

Benzo(b)fluoranthene

Concen: 51.141 ng

RT: 15.07 min Scan# 2207

Delta R.T. 0.02 min

Lab File: BP000434.D

Acq: 26 Sep 2019 20:00

Instrument :

BNA_P

ClientSampleId :

TS-2MSD

Tot Ion:252 Resp: 2138450

Ion Ratio Lower Upper

252 100

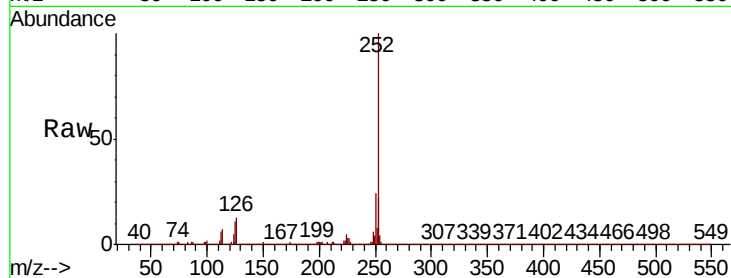
253 22.2 17.8 26.6

125 10.6 9.5 14.3

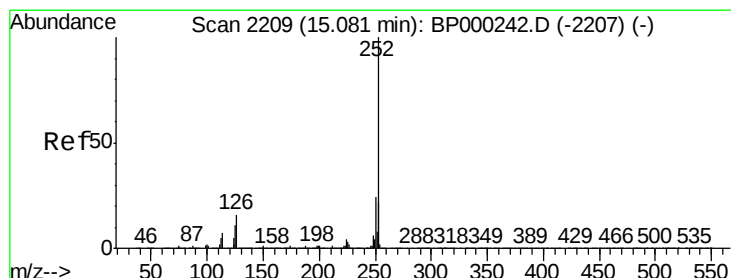
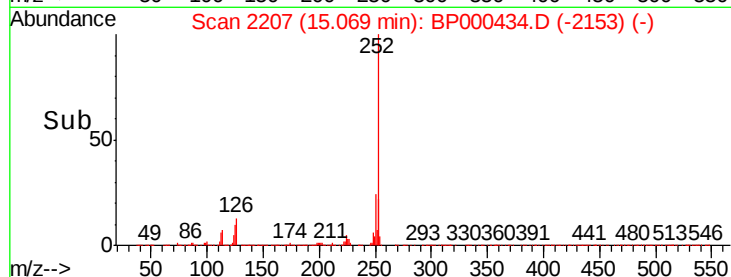
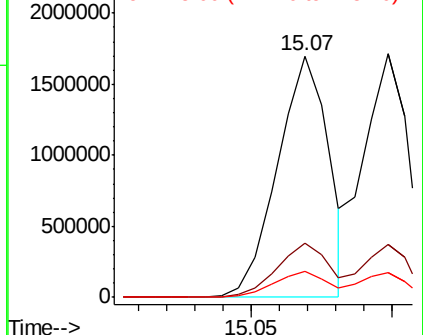
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Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



#89

Benzo(k)fluoranthene

Concen: 51.206 ng

RT: 15.10 min Scan# 2212

Delta R.T. 0.02 min

Lab File: BP000434.D

Acq: 26 Sep 2019 20:00

Tgt Ion:252 Resp: 1867725

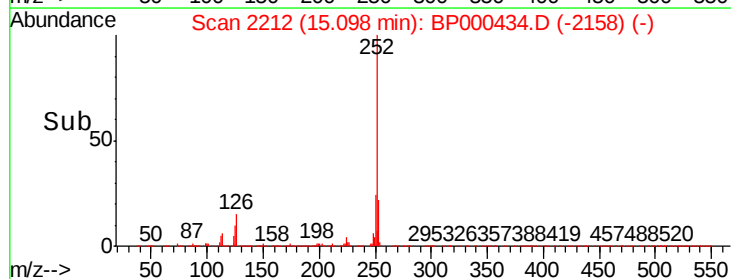
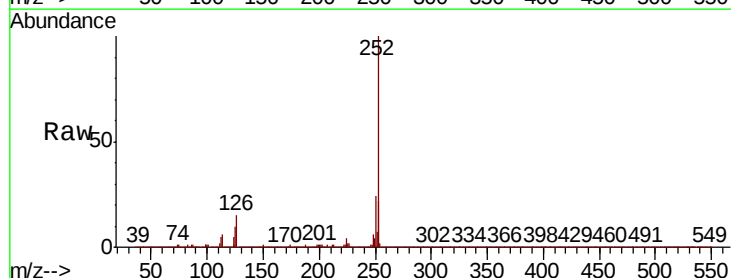
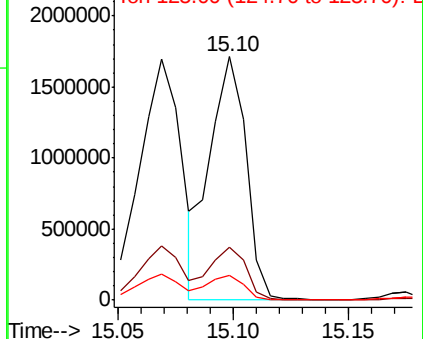
Ion Ratio Lower Upper

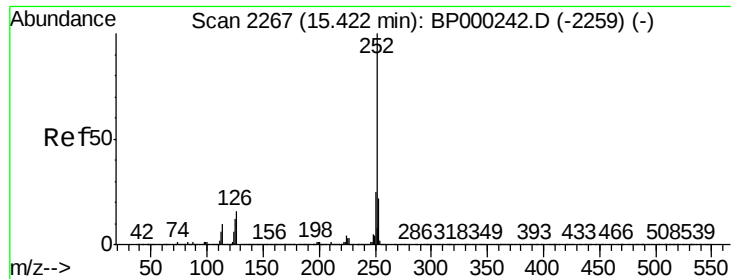
252 100

253 21.9 17.8 26.8

125 10.3 9.6 14.4

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





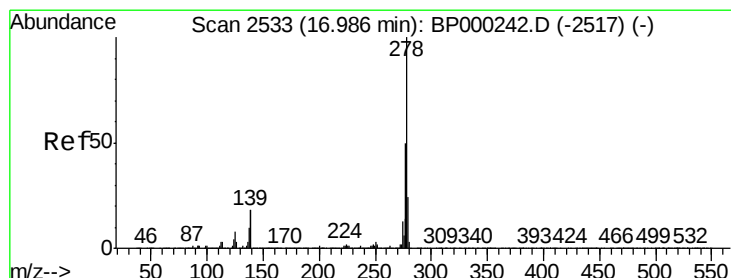
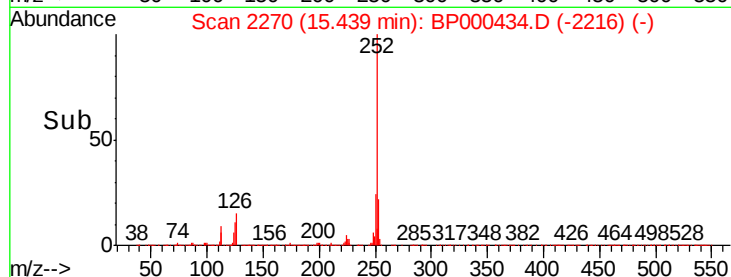
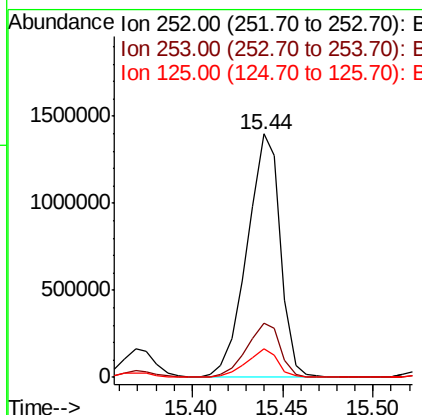
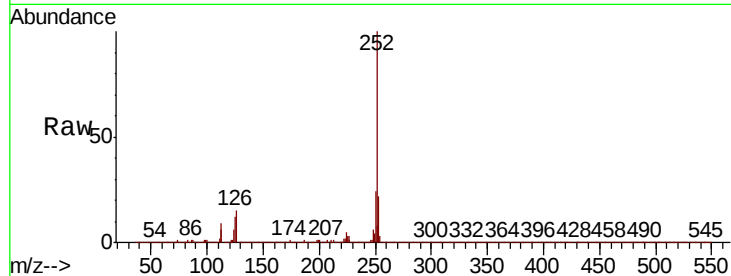
#90
Benzo(a)pyrene
Concen: 46.699 ng
RT: 15.44 min Scan# 2270
Delta R.T. 0.02 min
Lab File: BP000434.D
Acq: 26 Sep 2019 20:00

Instrument :
BNA_P
ClientSampleId :
TS-2MSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.7	26.5
125	11.6	10.0	15.0

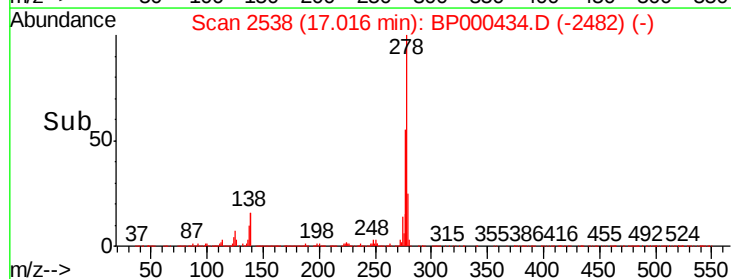
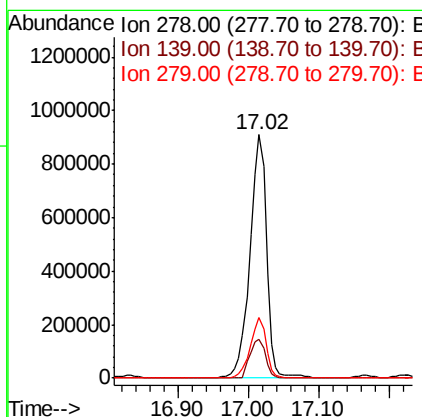
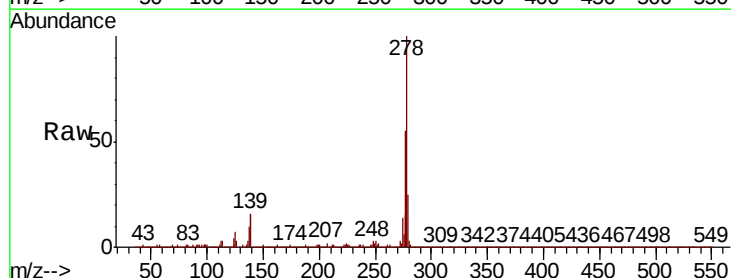
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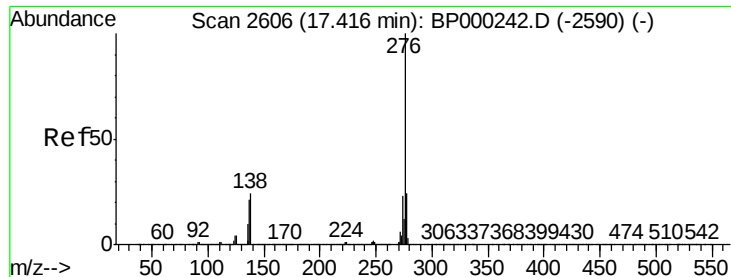
mohammad
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#91
Dibenzo(a,h)anthracene
Concen: 42.080 ng
RT: 17.02 min Scan# 2538
Delta R.T. 0.03 min
Lab File: BP000434.D
Acq: 26 Sep 2019 20:00

Tgt Ion	Ratio	Lower	Upper
278	100		
139	16.1	14.5	21.7
279	24.7	19.0	28.6





#92
 Benzo(a,h,i)perylene
 Concen: 24.896 ng
 RT: 17.45 min Scan# 2612
 Delta R.T. 0.04 min
 Lab File: BP000434.D
 Acq: 26 Sep 2019 20:00

Instrument :
 BNA_P
 ClientSampleId :
 TS-2MSD

Tot Ion	Ratio	Lower	Upper
276	100		
277	23.2	19.1	28.7
138	16.3	19.5	29.3

Manual Integrations
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