

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP092719\
 Data File : BP000463.D
 Acq On : 27 Sep 2019 17:32
 Operator : JU
 Sample : K5038-09MSD
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 TS-2MSD

Manual Integrations
 APPROVED

mohammad
 9/30/2019 8:15:25 AM

Quant Time: Sep 27 23:50:52 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	150875	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	609763	20.00	ng	0.00
39) Acenaphthene-d10	9.83	164	268304	20.00	ng	0.00
64) Phenanthrene-d10	11.33	188	366497	20.00	ng	0.00
76) Chrysene-d12	14.01	240	322466	20.00	ng	0.01
87) Perylene-d12	15.49	264	365781	20.00	ng	0.01

System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	826018	94.52	ng	0.01
7) Phenol-d6	6.43	99	1446197	135.00	ng	0.01
23) Nitrobenzene-d5	7.35	82	646088	68.36	ng	0.00
42) 2,4,6-Tribromophenol	10.63	330	292426	109.88	ng	0.00
45) 2-Fluorobiphenyl	9.15	172	1848602	124.01	ng	0.00
79) Terphenyl-d14	12.94	244	1325413	86.23	ng	0.00

Target Compounds				Qvalue		
2) 1,4-Dioxane	2.55	88	218854	55.493	ng	99
3) Pyridine	3.29	79	544114	51.249	ng	97
4) n-Nitrosodimethylamine	3.23	42	181824	60.734	ng	96
6) Aniline	6.45	93	377815	25.579	ng	# 25
8) 2-Chlorophenol	6.58	128	422857	44.932	ng	100
9) Benzaldehyde	6.33	77	253199	44.543	ng	98
10) Phenol	6.45	94	666338	54.746	ng	84
11) bis(2-Chloroethyl)ether	6.52	93	418011	44.848	ng	98
12) 1,3-Dichlorobenzene	6.73	146	507469	44.936	ng	100
13) 1,4-Dichlorobenzene	6.80	146	502884	44.756	ng	99
14) 1,2-Dichlorobenzene	6.96	146	515304	50.064	ng	99
15) Benzyl Alcohol	6.93	79	402066	51.573	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.06	45	341249	38.618	ng	77
17) 2-Methylphenol	7.05	107	376867	46.755	ng	97
18) Hexachloroethane	7.30	117	177666	42.728	ng	91
19) n-Nitroso-di-n-propylamine	7.20	70	283843	50.113	ng	99
20) 3+4-Methylphenols	7.20	107	541757	55.582	ng	# 76
22) Acetophenone	7.19	105	696325	52.695	ng	# 97
24) Nitrobenzene	7.37	77	381133	38.826	ng	99
25) Isophorone	7.61	82	934246	49.922	ng	100
26) 2-Nitrophenol	7.69	139	251000	48.232	ng	93
27) 2,4-Dimethylphenol	7.73	122	422771	51.001	ng	99
28) bis(2-Chloroethoxy)methane	7.82	93	513903	41.288	ng	100
29) 2,4-Dichlorophenol	7.93	162	382767	43.084	ng	99
30) 1,2,4-Trichlorobenzene	8.02	180	540900	53.117	ng	98
31) Naphthalene	8.09	128	1302253	46.113	ng	99
32) Benzoic acid	7.85	122	249934	44.655	ng	95
33) 4-Chloroaniline	8.15	127	150419	11.769	ng	100
34) Hexachlorobutadiene	8.22	225	275655	45.686	ng	99
35) Caprolactam	8.50	113	151091m	49.993	ng	
36) 4-Chloro-3-methylphenol	8.63	107	360330	39.953	ng	94
37) 2-Methylnaphthalene	8.79	142	899532	46.596	ng	98
38) 1-Methylnaphthalene	8.89	142	767082	42.418	ng	99
40) 1,2,4,5-Tetrachlorobenzene	8.96	216	500708	65.271	ng	99

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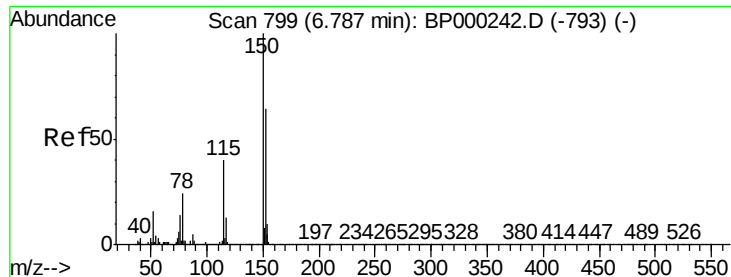
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.95	237	352718	80.070	nq	99
43) 2,4,6-Trichlorophenol	9.07	196	294827	55.542	nq	100
44) 2,4,5-Trichlorophenol	9.12	196	346845	63.812	nq	95
46) 1,1'-Biphenyl	9.25	154	1226541	66.082	nq	99
47) 2-Chloronaphthalene	9.28	162	950751	61.064	nq	98
48) 2-Nitroaniline	9.37	65	215560	54.518	nq	99
49) Acenaphthylene	9.70	152	1415912	60.498	nq	99
50) Dimethylphthalate	9.56	163	1409719	77.118	nq	99
51) 2,6-Dinitrotoluene	9.62	165	249579	62.095	nq	97
52) Acenaphthene	9.87	154	655181	44.361	nq	99
53) 3-Nitroaniline	9.79	138	123145	26.396	nq	97
54) 2,4-Dinitrophenol	9.90	184	156578	88.176	nq	92
55) Dibenzofuran	10.05	168	1039602	49.792	nq	99
56) 4-Nitrophenol	9.96	139	295982	85.298	nq	90
57) 2,4-Dinitrotoluene	10.03	165	262250	49.910	nq	98
58) Fluorene	10.39	166	610848	37.878	nq	99
59) 2,3,4,6-Tetrachlorophenol	10.17	232	190818	42.664	nq	100
60) Diethylphthalate	10.26	149	635686	36.150	nq	99
61) 4-Chlorophenyl-phenylether	10.38	204	322381	38.944	nq	99
62) 4-Nitroaniline	10.40	138	142875	31.135	nq	# 81
63) Azobenzene	10.54	77	481534	32.322	nq	96
65) 4,6-Dinitro-2-methylphenol	10.44	198	88534	51.375	nq	98
66) n-Nitrosodiphenylamine	10.50	169	533447	48.351	nq	99
67) 4-Bromophenyl-phenylether	10.87	248	210051	50.683	nq	96
68) Hexachlorobenzene	10.95	284	244513	53.967	nq	98
70) Pentachlorophenol	11.15	266	242272	98.179	nq	100
71) Phenanthrene	11.36	178	988659	53.831	nq	100
72) Anthracene	11.41	178	958314	50.692	nq	99
73) Carbazole	11.57	167	841639	49.436	nq	99
74) Di-n-butylphthalate	11.90	149	1005350	46.653	nq	99
75) Fluoranthene	12.56	202	1209685	61.339	nq	94
77) Benzidine	12.68	184	285321	24.775	nq	97
78) Pyrene	12.79	202	1258404	52.160	nq	99
80) Butylbenzylphthalate	13.42	149	437320	39.449	nq	98
81) Benzo(a)anthracene	14.00	228	1101497	54.076	nq	99
82) 3,3'-Dichlorobenzidine	13.96	252	188304	23.002	nq	98
83) Chrysene	14.03	228	1056471	52.824	nq	99
84) Bis(2-ethylhexyl)phthalate	13.99	149	601422	45.194	nq	# 99
85) Di-n-octyl phthalate	14.61	149	1031474	41.821	nq	98
86) Indeno(1,2,3-cd)pyrene	17.00	276	1256989	51.562	nq	# 90
88) Benzo(b)fluoranthene	15.06	252	1292951	59.252	nq	# 96
89) Benzo(k)fluoranthene	15.09	252	959171m	50.391	nq	
90) Benzo(a)pyrene	15.43	252	1065322m	53.654	nq	
91) Dibenzo(a,h)anthracene	17.01	278	994057	53.698	nq	# 94
92) Benzo(g,h,i)perylene	17.45	276	1060969	55.758	nq	# 91

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



#1

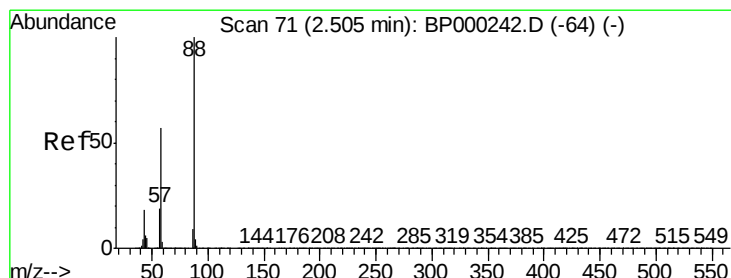
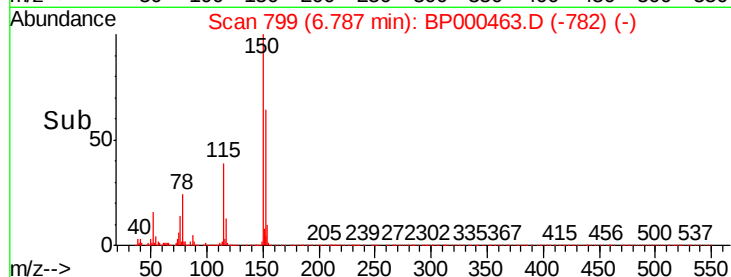
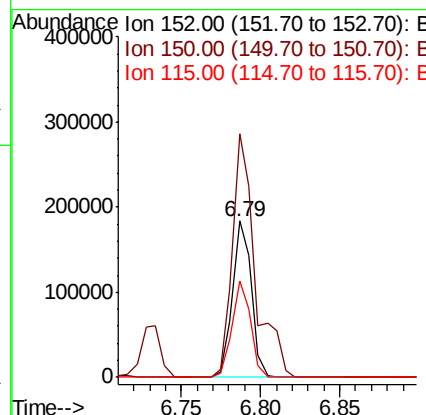
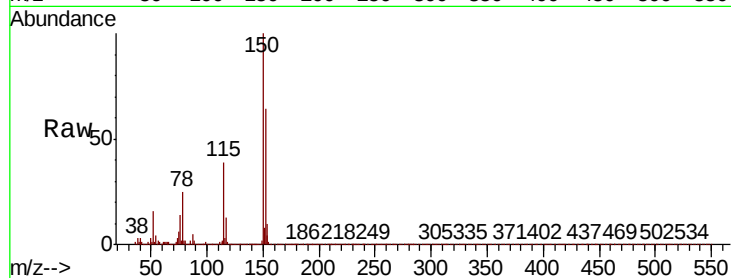
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.79 min Scan# 799
Delta R.T. -0.00 min
Lab File: BP000463.D
Acq: 27 Sep 2019 17:32

Instrument :
BNA_P
ClientSampleId :
TS-2MSD

Tot Ion	Ratio	Resp	Lower	Upper
152	100	150875		
150	156.1	125.2	187.8	
115	61.4	49.7	74.5	

Manual Integrations
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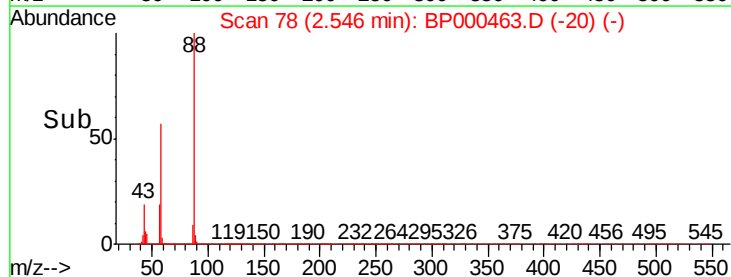
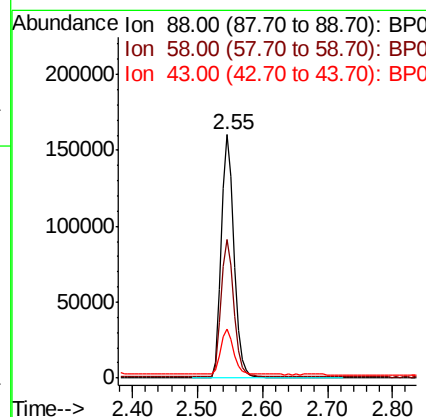
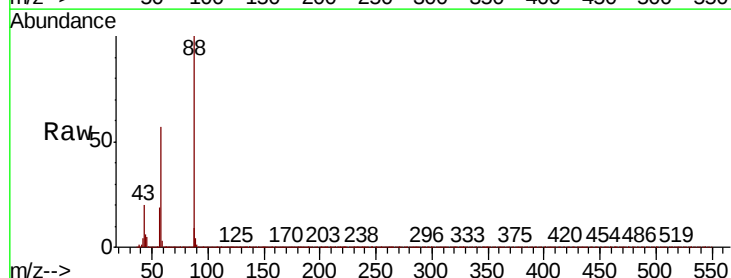
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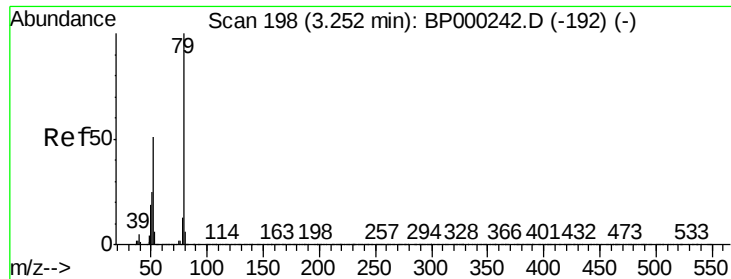


#2

1,4-Dioxane
Concen: 55.493 ng
RT: 2.55 min Scan# 78
Delta R.T. 0.04 min
Lab File: BP000463.D
Acq: 27 Sep 2019 17:32

Tgt Ion	Ratio	Resp	Lower	Upper
88	100	218854		
58	56.2	45.4	68.2	
43	18.6	15.0	22.6	





#3

Pvridine

Concen: 51.249 ng

RT: 3.29 min Scan# 204

Delta R.T. 0.03 min

Lab File: BP000463.D

Acq: 27 Sep 2019 17:32

Instrument :

BNA_P

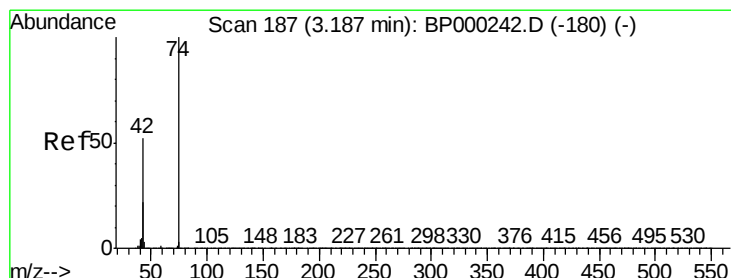
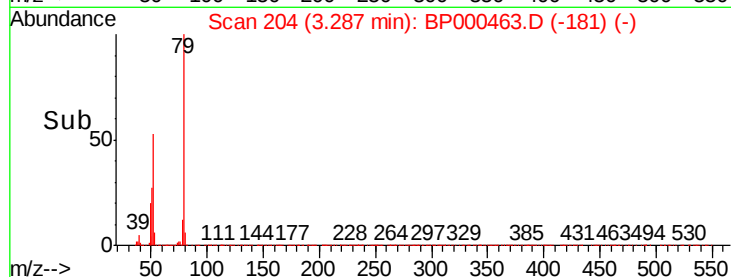
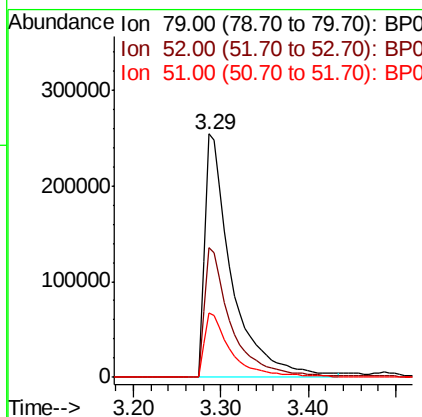
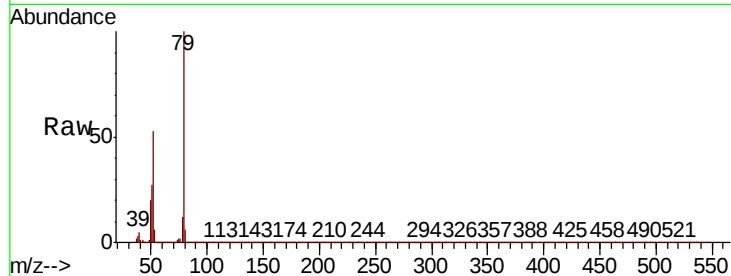
ClientSampleId :

TS-2MSD

Tot Ion:	79	Resp:	544114
Ion Ratio	Lower	Upper	
79	100		
52	53.5	40.9	61.3
51	26.7	20.2	30.2

Manual Integrations
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#4

n-Nitrosodimethylamine

Concen: 60.734 ng

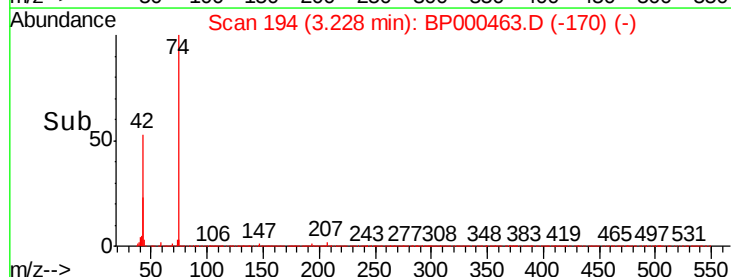
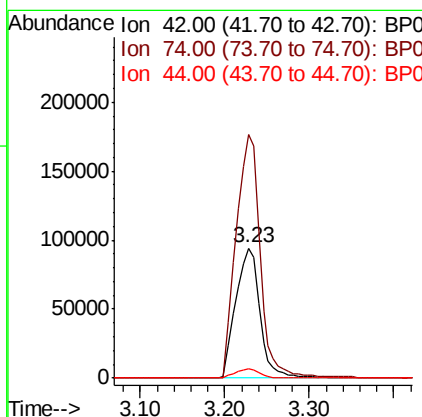
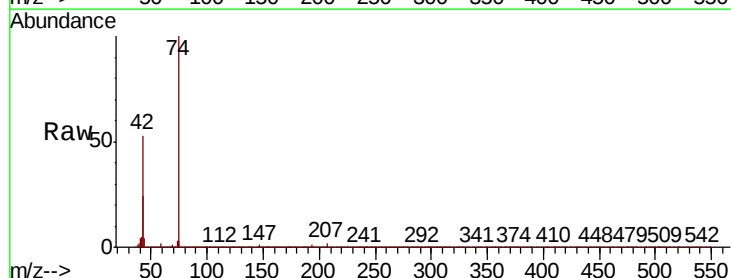
RT: 3.23 min Scan# 194

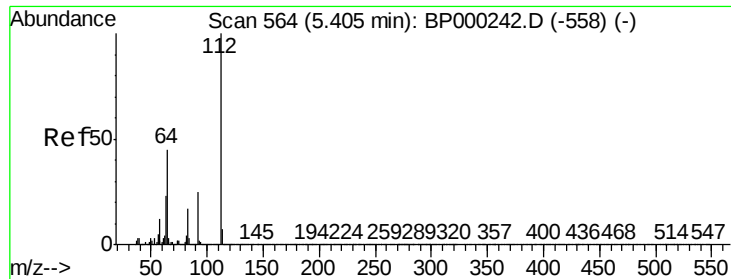
Delta R.T. 0.04 min

Lab File: BP000463.D

Acq: 27 Sep 2019 17:32

Tgt Ion:	42	Resp:	181824
Ion Ratio	Lower	Upper	
42	100		
74	187.5	154.5	231.7
44	6.8	5.9	8.9





#5

2-Fluorophenol

Concen: 94.515 ng

RT: 5.42 min Scan# 566

Delta R.T. 0.01 min

Lab File: BP000463.D

Acq: 27 Sep 2019 17:32

Instrument :

BNA_P

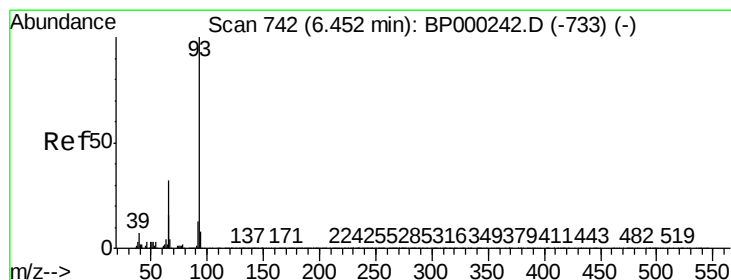
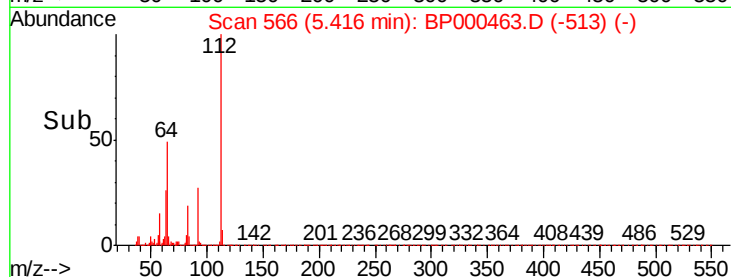
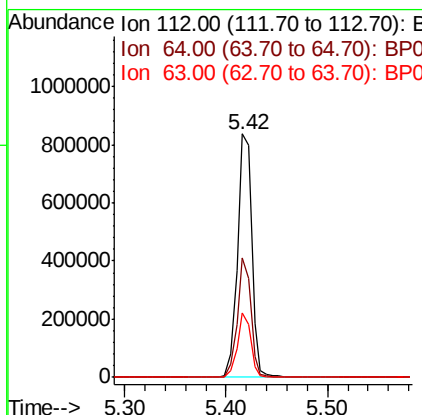
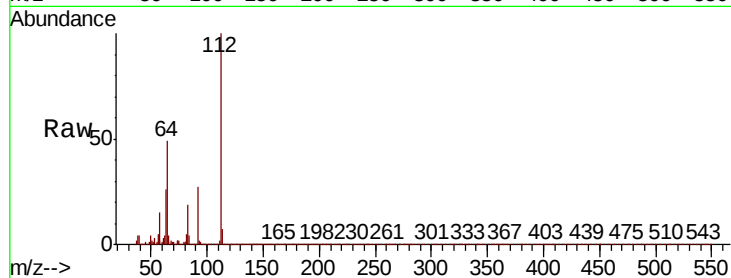
ClientSampled :

TS-2MSD

Tot Ion:	112	Resp:	826018
Ion Ratio	Lower	Upper	
112	100		
64	49.3	36.2	54.4
63	26.3	18.3	27.5

Manual Integrations
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#6

Aniline

Concen: 25.579 ng

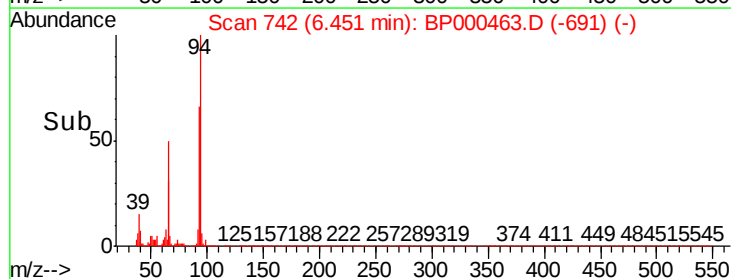
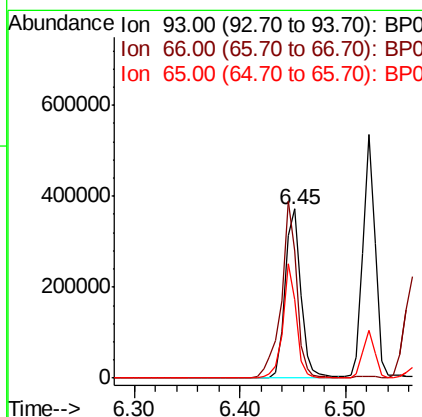
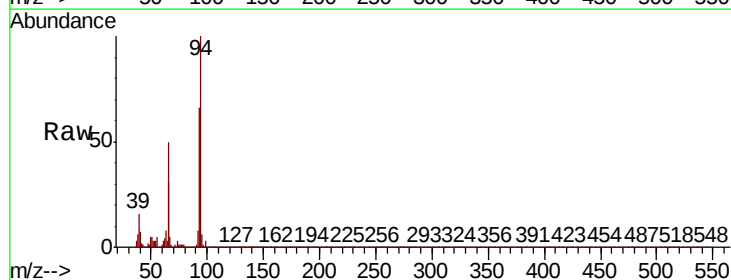
RT: 6.45 min Scan# 742

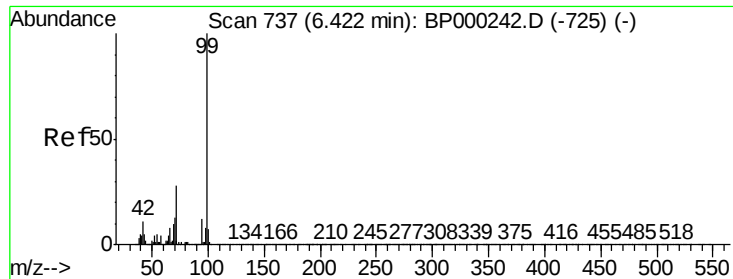
Delta R.T. -0.00 min

Lab File: BP000463.D

Acq: 27 Sep 2019 17:32

Tgt Ion:	93	Resp:	377815
Ion Ratio	Lower	Upper	
93	100		
66	75.5	26.2	39.2#
65	46.5	12.7	19.1#





#7

Phenol-d6

Concen: 134.997 ng

RT: 6.43 min Scan# 739

Delta R.T. 0.01 min

Lab File: BP000463.D

Acq: 27 Sep 2019 17:32

Instrument :

BNA_P

ClientSampleId :

TS-2MSD

Tot Ion: 99 Resp: 1446197

Ion Ratio Lower Upper

99 100

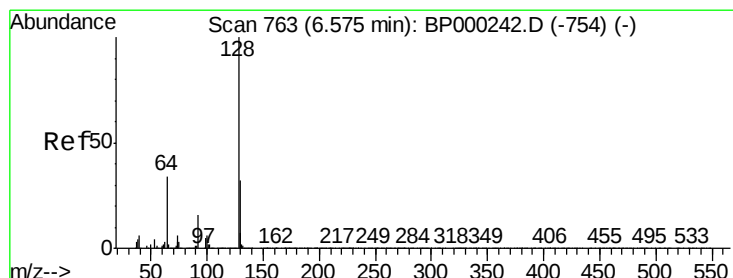
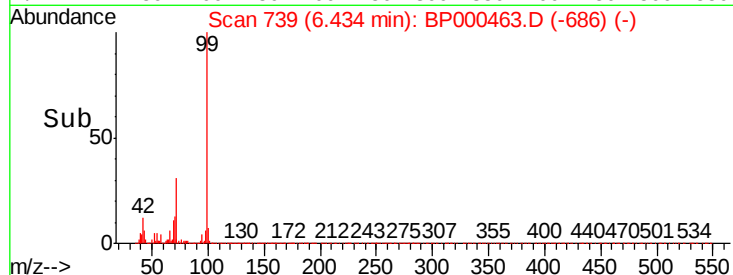
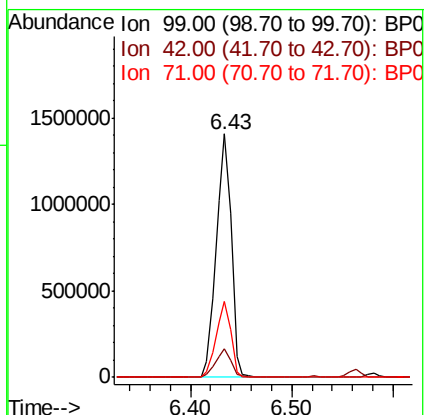
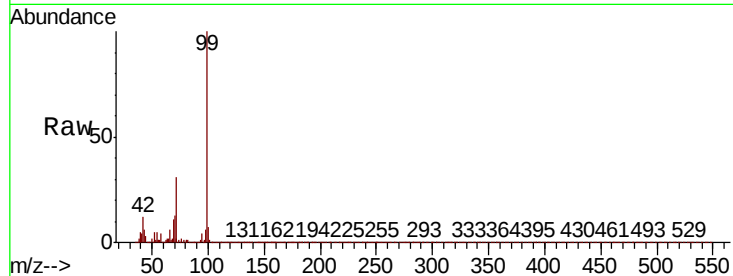
42 11.8 8.5 12.7

71 31.4 22.6 34.0

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#8

2-Chlorophenol

Concen: 44.932 ng

RT: 6.58 min Scan# 764

Delta R.T. 0.01 min

Lab File: BP000463.D

Acq: 27 Sep 2019 17:32

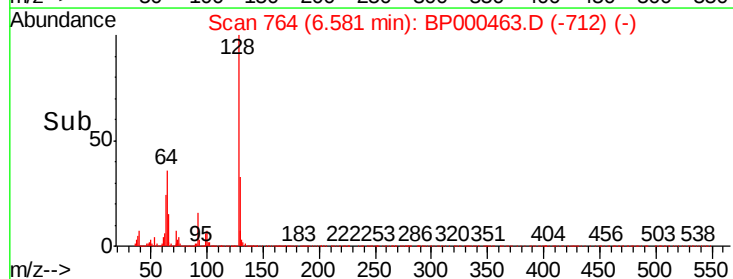
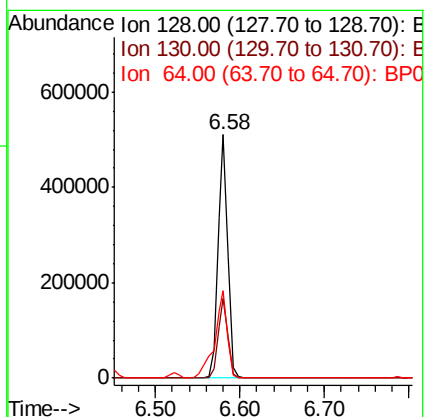
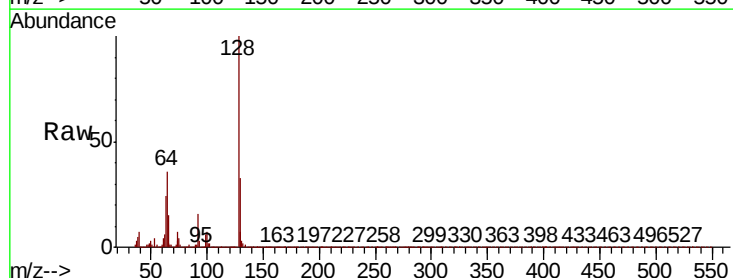
Tgt Ion: 128 Resp: 422857

Ion Ratio Lower Upper

128 100

130 32.7 12.5 52.5

64 35.9 16.0 56.0





#9

Benzaldehyde

Concen: 44.543 ng

RT: 6.33 min Scan# 722

Delta R.T. -0.00 min

Lab File: BP000463.D

Acq: 27 Sep 2019 17:32

Instrument :

BNA_P

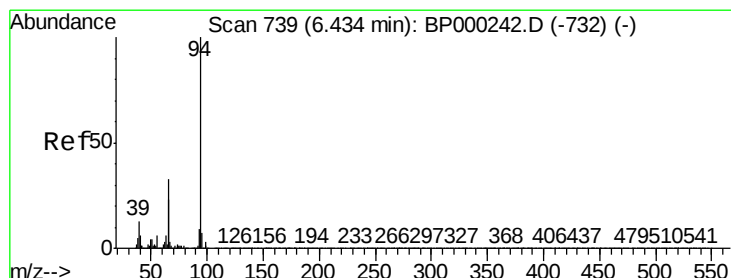
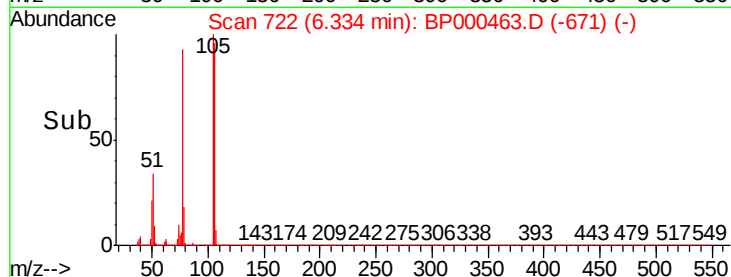
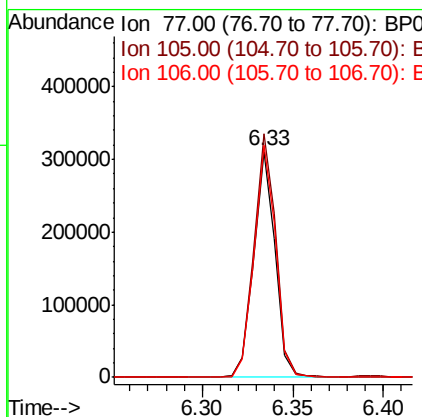
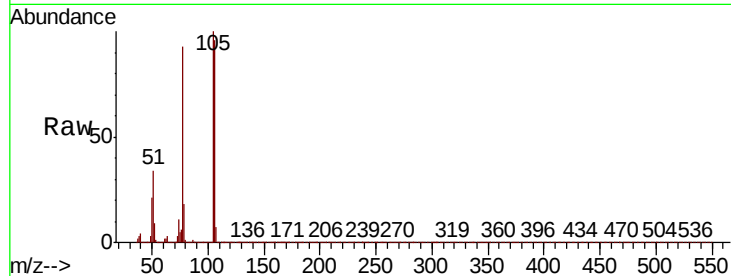
ClientSampleId :

TS-2MSD

Tot Ion:	77	Resp:	253199
Ion	Ratio	Lower	Upper
77	100		
105	107.6	89.6	129.6
106	102.8	84.6	124.6

Manual Integrations
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#10

Phenol

Concen: 54.746 ng

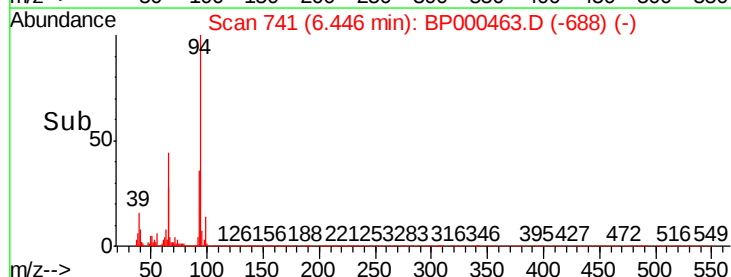
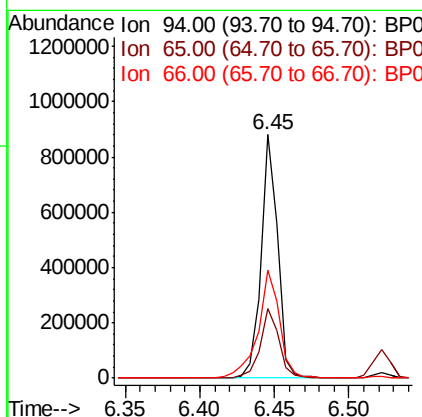
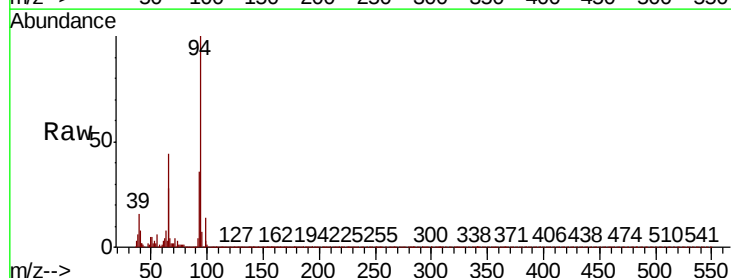
RT: 6.45 min Scan# 741

Delta R.T. 0.01 min

Lab File: BP000463.D

Acq: 27 Sep 2019 17:32

Tgt Ion:	94	Resp:	666338
Ion	Ratio	Lower	Upper
94	100		
65	28.5	3.3	43.3
66	44.3	12.7	52.7





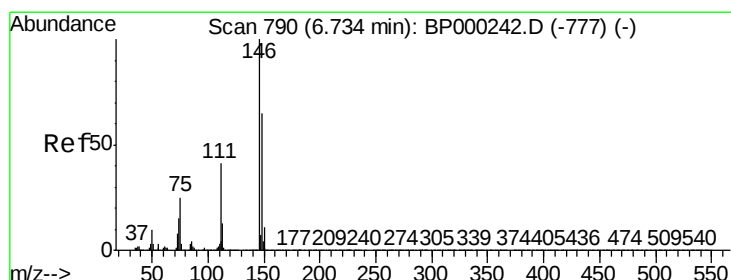
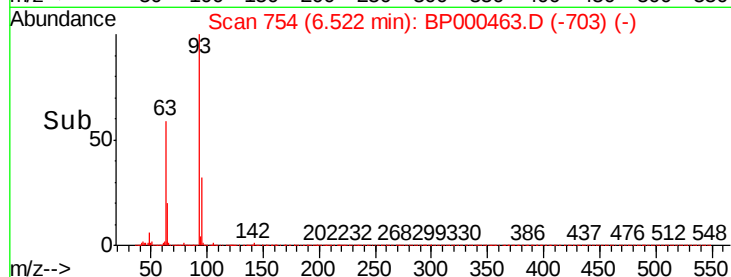
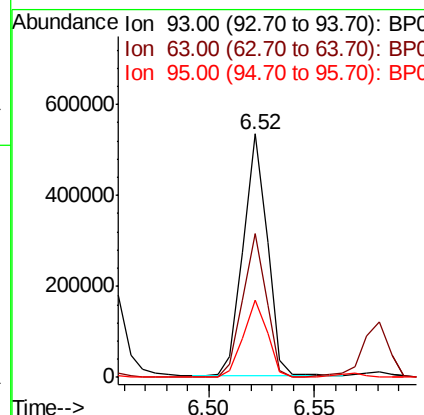
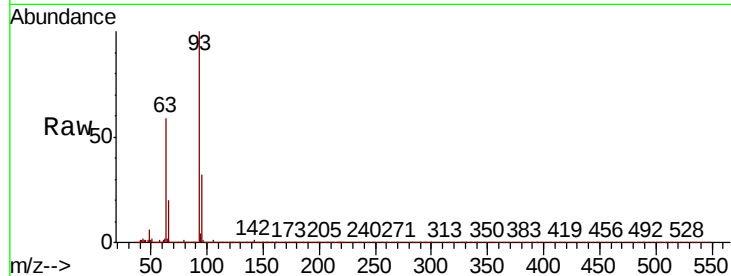
#11
bis(2-Chloroethyl)ether
Concen: 44.848 ng
RT: 6.52 min Scan# 754
Delta R.T. -0.00 min
Lab File: BP000463.D
Acq: 27 Sep 2019 17:32

Instrument :
BNA_P
ClientSampleId :
TS-2MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
93	100		418011		
63	59.0	41.0	81.0		
95	31.8	12.7	52.7		

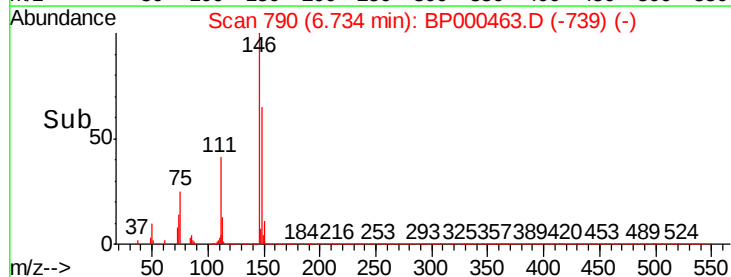
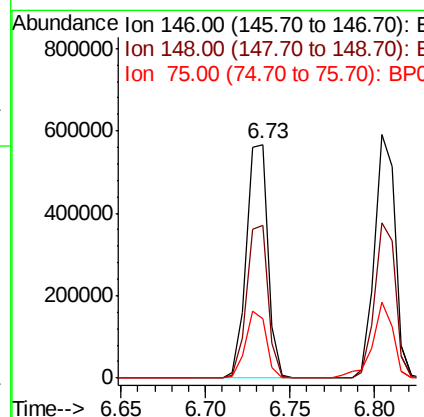
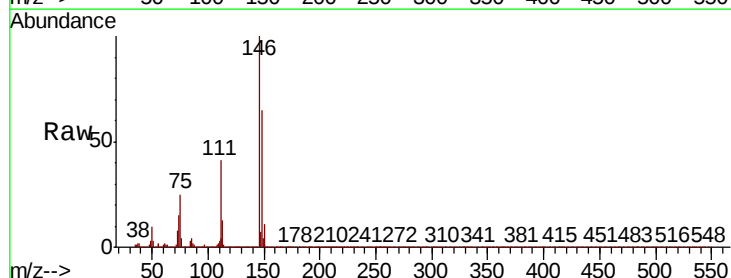
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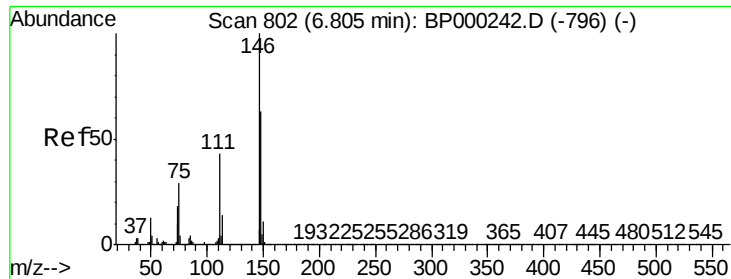
mohammad
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#12
1,3-Dichlorobenzene
Concen: 44.936 ng
RT: 6.73 min Scan# 790
Delta R.T. -0.00 min
Lab File: BP000463.D
Acq: 27 Sep 2019 17:32

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
146	100		507469		
148	65.1	52.1	78.1		
75	25.1	20.2	30.4		





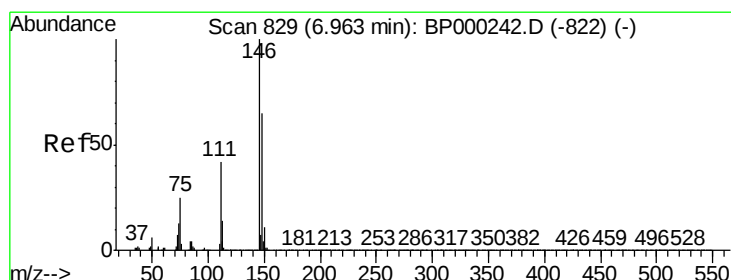
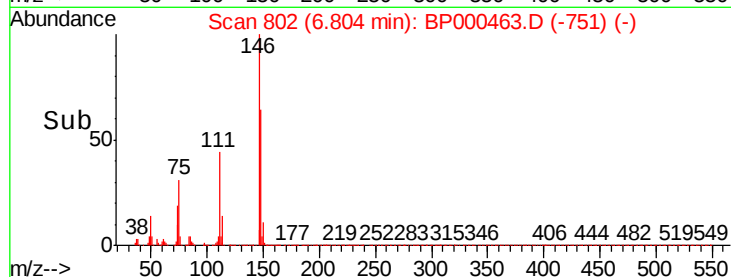
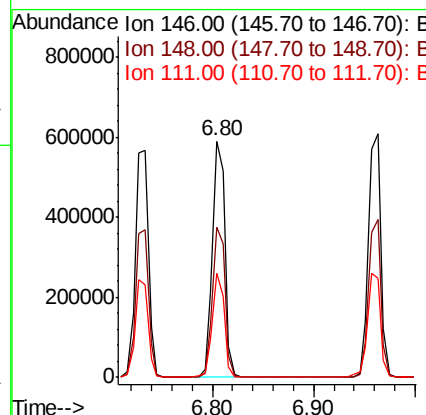
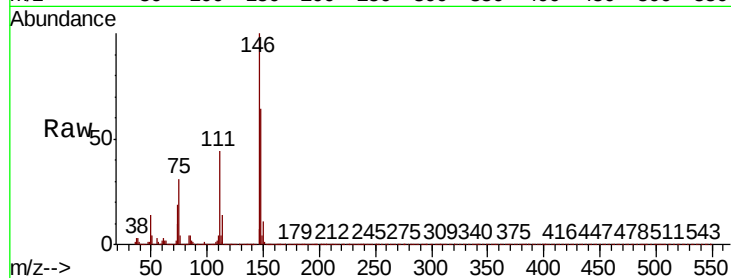
#13
 1,4-Dichlorobenzene
 Concen: 44.756 ng
 RT: 6.80 min Scan# 802
 Delta R.T. -0.00 min
 Lab File: BP000463.D
 Acq: 27 Sep 2019 17:32

Instrument :
 BNA_P
 ClientSampleId :
 TS-2MSD

Tot Ion	Ratio	Lower	Upper
146	100		
148	63.7	50.7	76.1
111	44.1	34.1	51.1

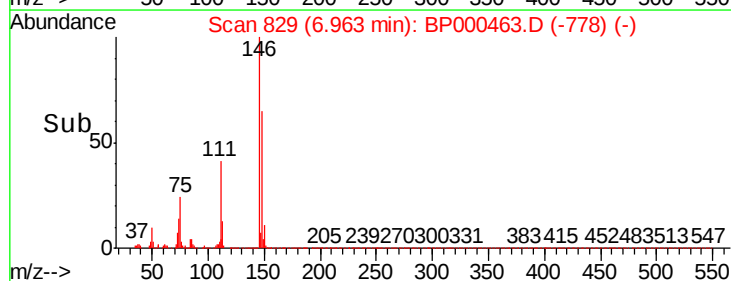
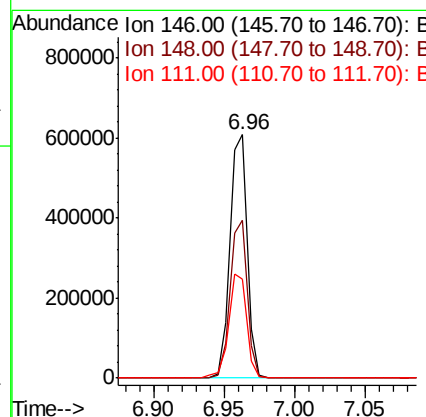
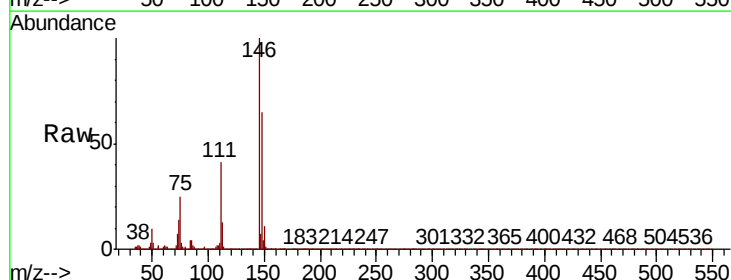
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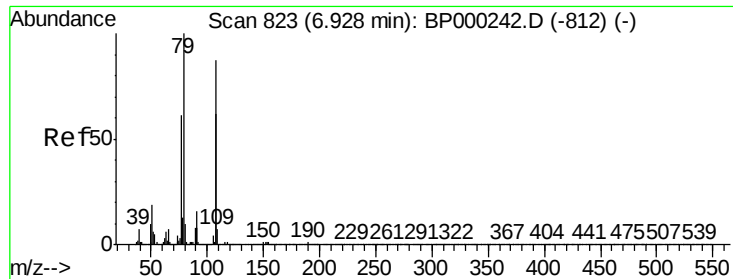
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#14
 1,2-Dichlorobenzene
 Concen: 50.064 ng
 RT: 6.96 min Scan# 829
 Delta R.T. -0.00 min
 Lab File: BP000463.D
 Acq: 27 Sep 2019 17:32

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.7	51.7	77.5
111	40.7	33.4	50.2





#15

Benzyl Alcohol

Concen: 51.573 ng

RT: 6.93 min Scan# 824

Delta R.T. 0.01 min

Lab File: BP000463.D

Acq: 27 Sep 2019 17:32

Instrument :

BNA_P

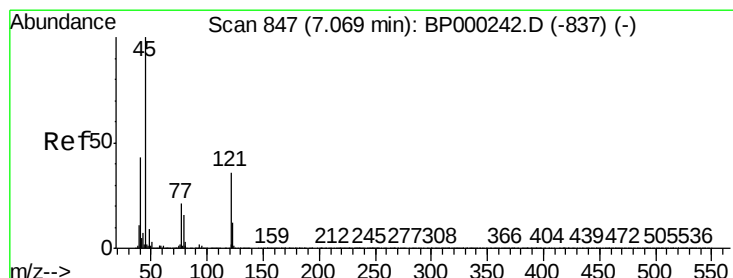
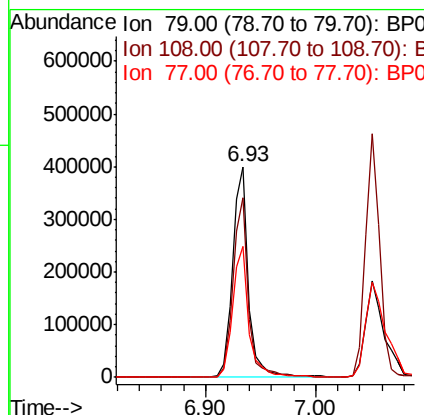
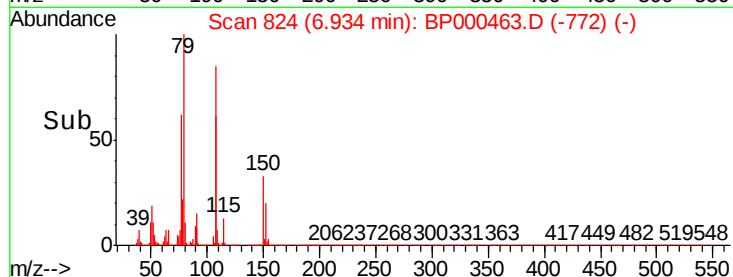
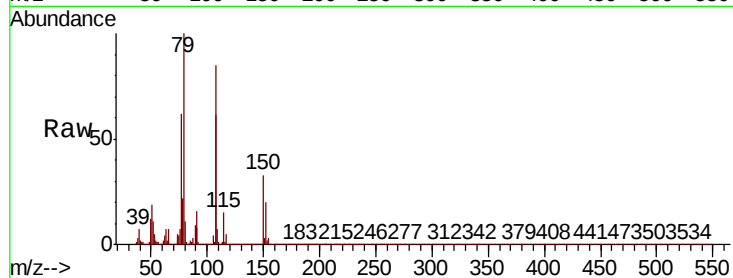
ClientSampled :

TS-2MSD

Tot Ion:	79	Resp:	402066
Ion Ratio	Lower	Upper	
79	100		
108	85.2	69.2	103.8
77	62.2	48.7	73.1

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 38.618 ng

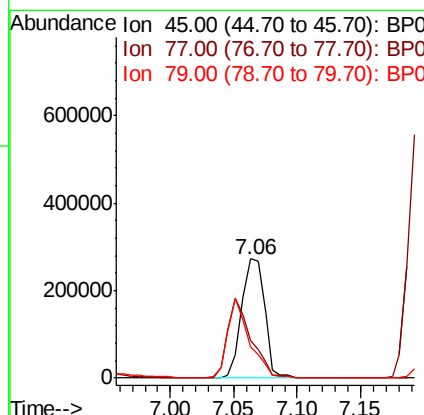
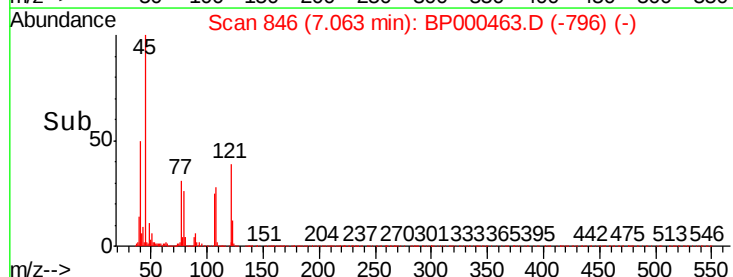
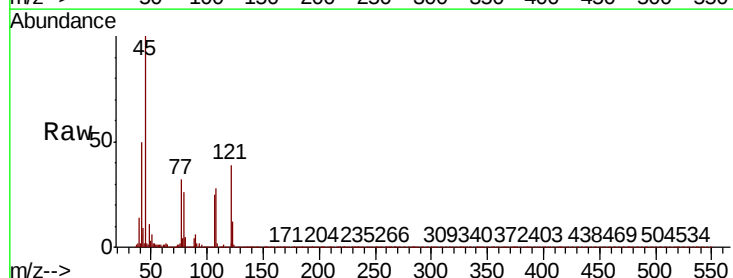
RT: 7.06 min Scan# 846

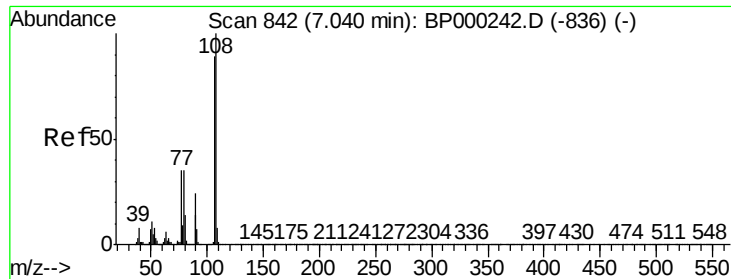
Delta R.T. -0.01 min

Lab File: BP000463.D

Acq: 27 Sep 2019 17:32

Tgt Ion:	45	Resp:	341249
Ion Ratio	Lower	Upper	
45	100		
77	31.5	0.7	40.7
79	26.5	0.0	36.4





#17

2-Methylphenol

Concen: 46.755 ng

RT: 7.05 min Scan# 844

Delta R.T. 0.01 min

Lab File: BP000463.D

Acq: 27 Sep 2019 17:32

Instrument :

BNA_P

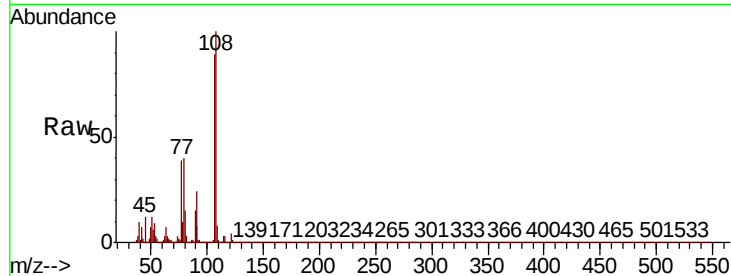
ClientSampleId :

TS-2MSD

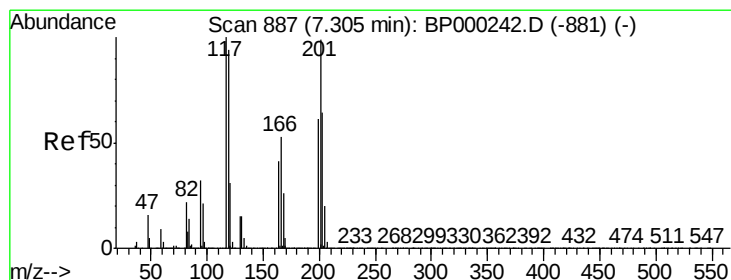
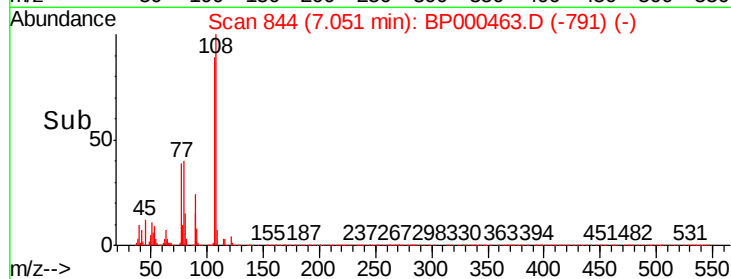
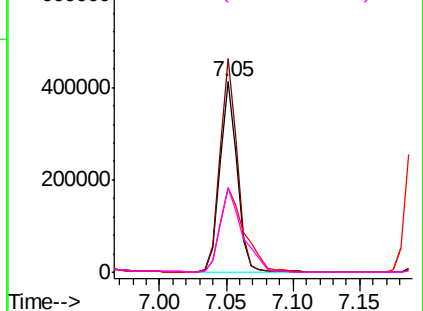
Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	112.3	90.1	135.1	
77	44.1	31.5	47.3	
79	44.6	32.2	48.2	

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



#18

Hexachloroethane

Concen: 42.728 ng

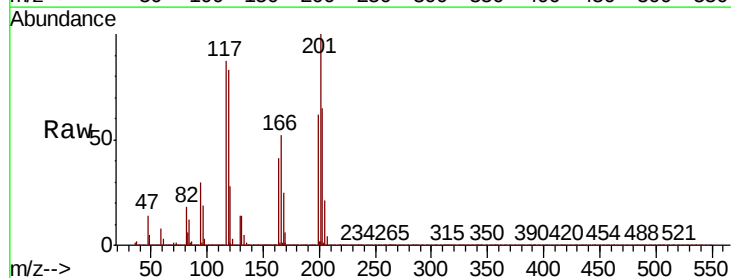
RT: 7.30 min Scan# 887

Delta R.T. -0.00 min

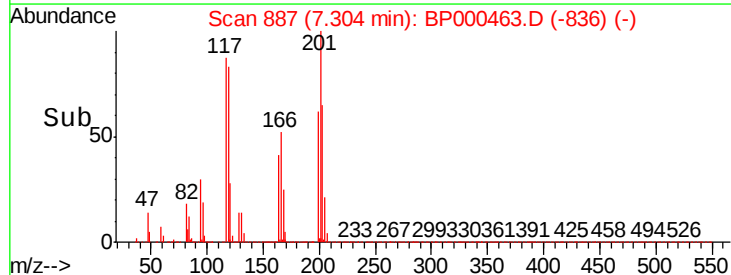
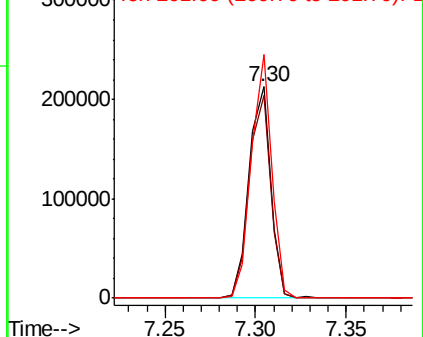
Lab File: BP000463.D

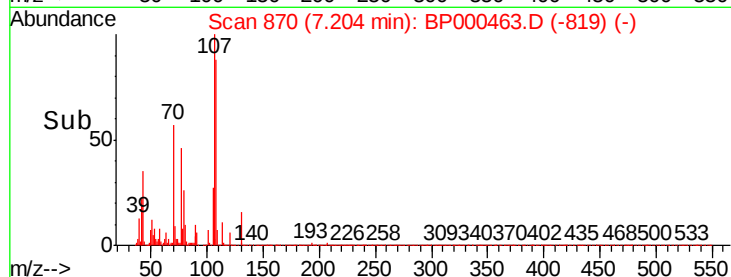
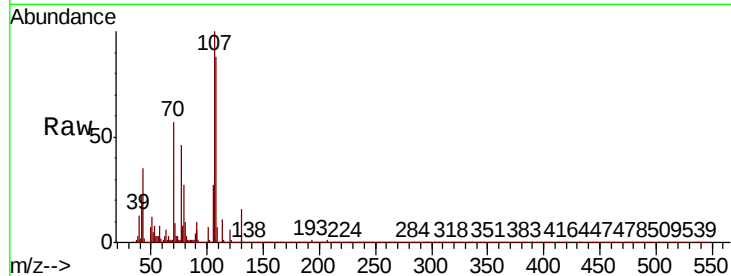
Acq: 27 Sep 2019 17:32

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	96.1	75.6	113.4	
201	115.4	79.4	119.2	



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





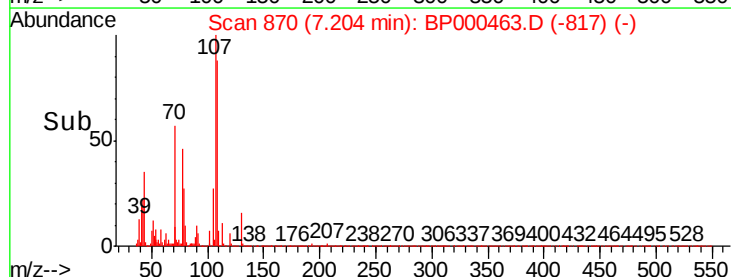
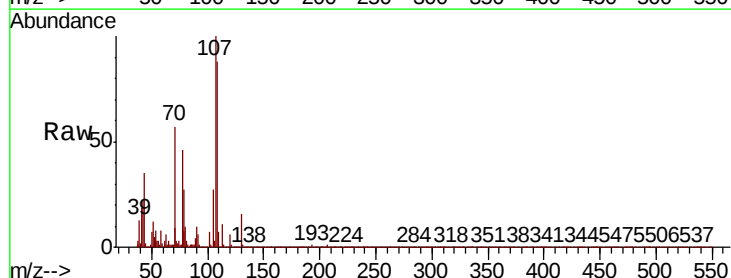
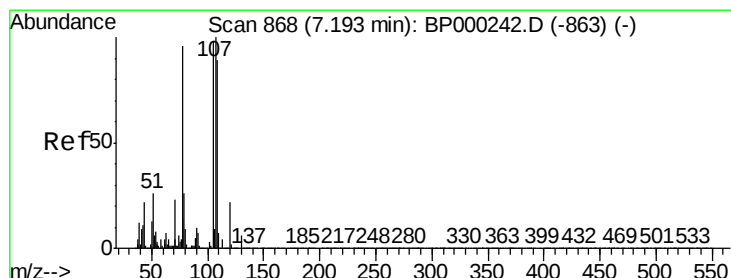
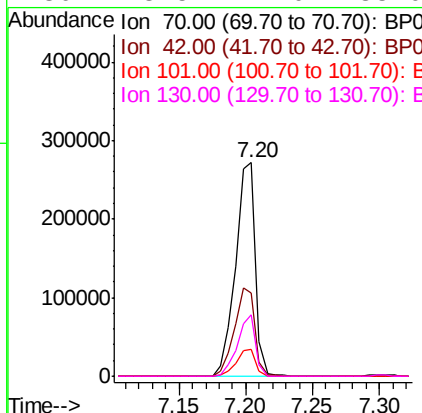
#19
n-Nitroso-di-n-propylamine
Concen: 50.113 ng
RT: 7.20 min Scan# 870
Delta R.T. -0.00 min
Lab File: BP000463.D
Acq: 27 Sep 2019 17:32

Instrument :
BNA_P
ClientSampleId :
TS-2MSD

Tot Ion	Ratio	Lower	Upper
70	100		
42	39.2	30.7	46.1
101	12.3	9.6	14.4
130	28.5	22.0	33.0

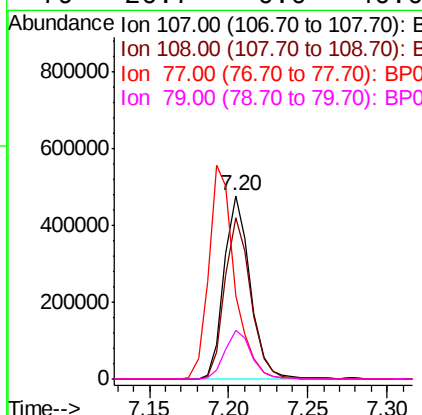
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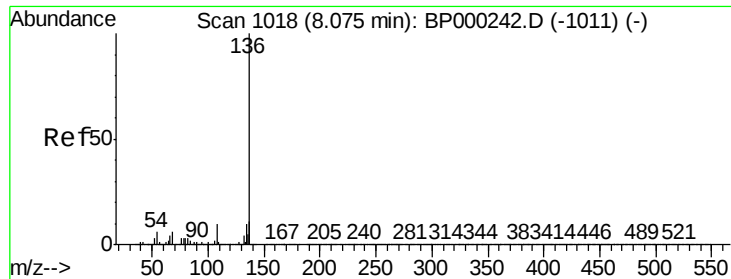
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#20
3+4-Methylphenols
Concen: 55.582 ng
RT: 7.20 min Scan# 870
Delta R.T. 0.01 min
Lab File: BP000463.D
Acq: 27 Sep 2019 17:32

Tgt Ion	Ratio	Lower	Upper
107	100		
108	87.8	68.8	108.8
77	45.7	75.7	115.7#
79	26.7	6.0	46.0





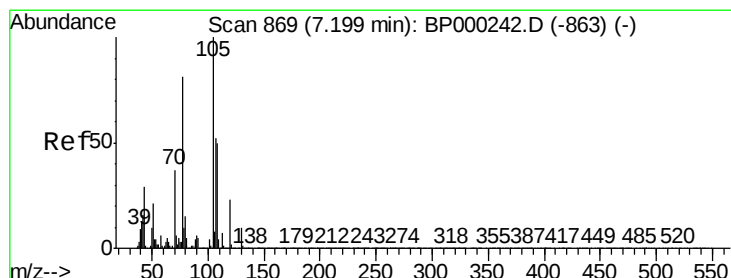
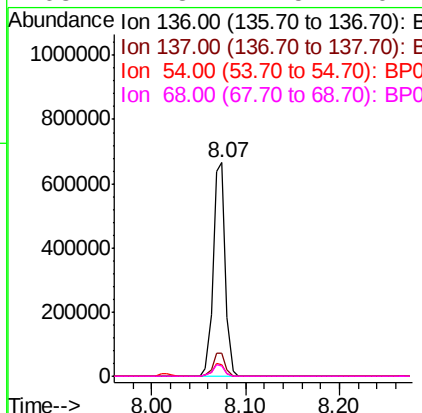
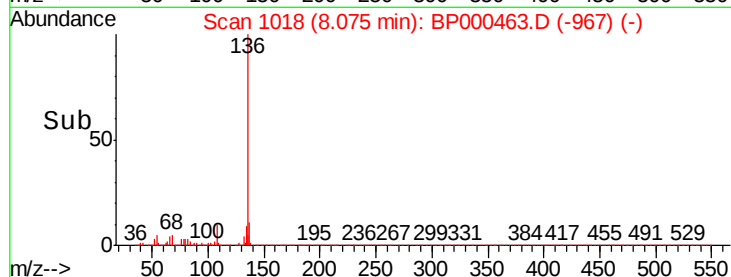
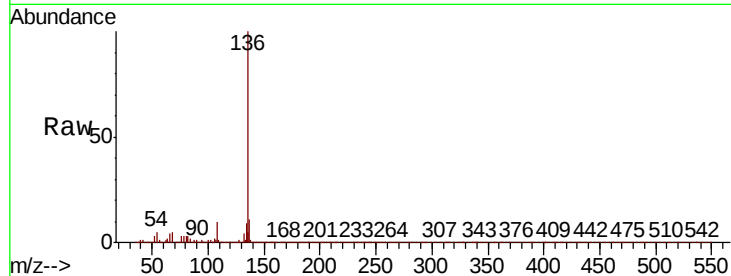
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.07 min Scan# 1018
Delta R.T. -0.00 min
Lab File: BP000463.D
Acq: 27 Sep 2019 17:32

Instrument :
BNA_P
ClientSampled :
TS-2MSD

Tot Ion	Ratio	Resp	Lower	Upper
136	100	609763		
137	10.7	8.6	13.0	
54	5.1	4.5	6.7	
68	4.8	4.5	6.7	

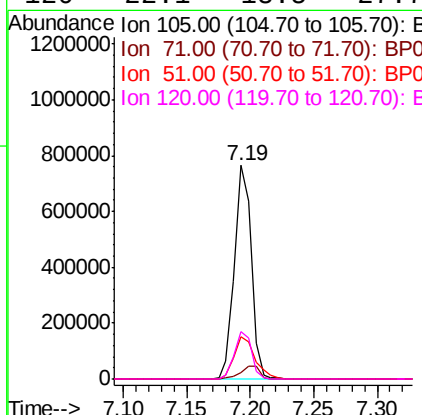
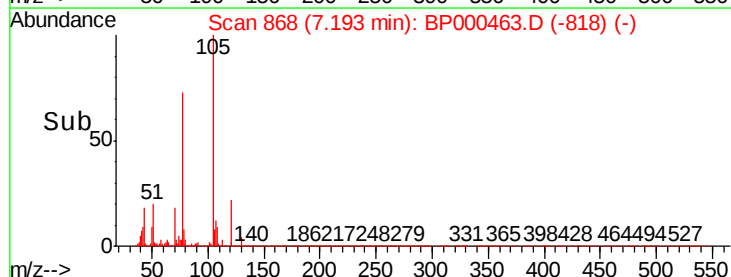
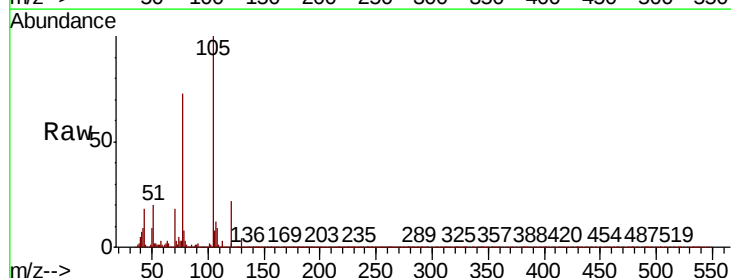
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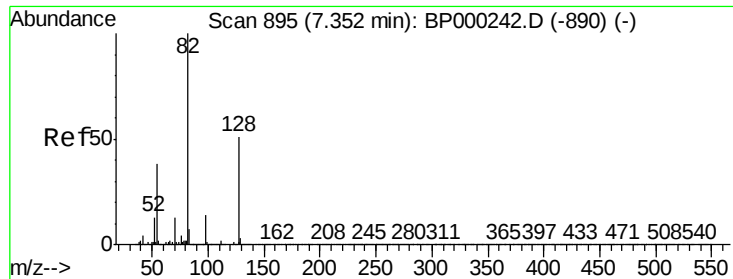
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#22
Acetophenone
Concen: 52.695 ng
RT: 7.19 min Scan# 868
Delta R.T. -0.01 min
Lab File: BP000463.D
Acq: 27 Sep 2019 17:32

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	696325		
71	3.1	5.2	7.8#	
51	19.6	16.6	24.8	
120	22.1	18.5	27.7	





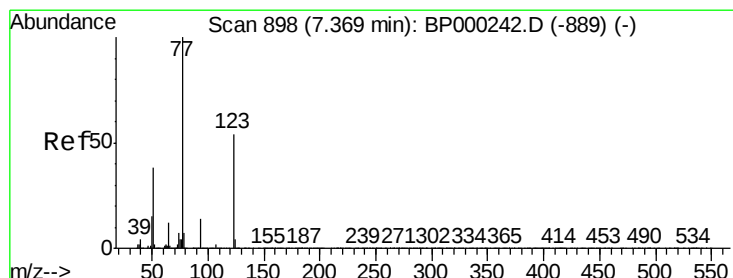
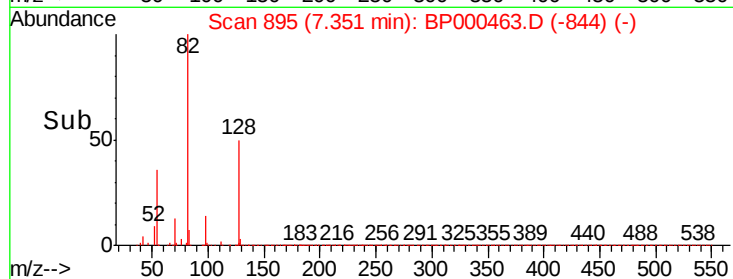
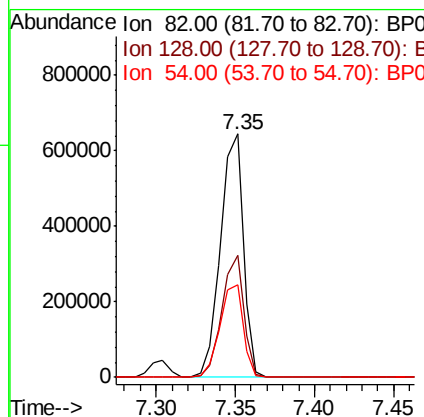
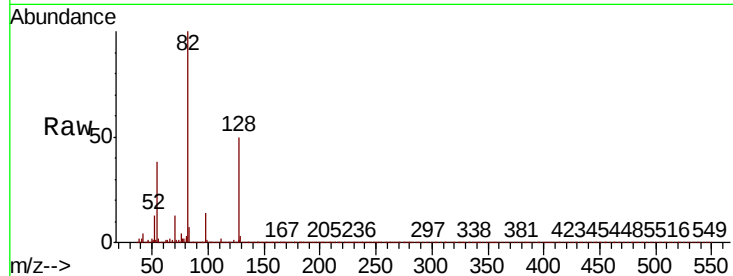
#23
 Nitrobenzene-d5
 Concen: 68.363 ng
 RT: 7.35 min Scan# 895
 Delta R.T. -0.00 min
 Lab File: BP000463.D
 Acq: 27 Sep 2019 17:32

Instrument :
 BNA_P
 ClientSampleId :
 TS-2MSD

Tot Ion	Ratio	Lower	Upper
82	100		
128	50.0	40.7	61.1
54	38.0	30.1	45.1

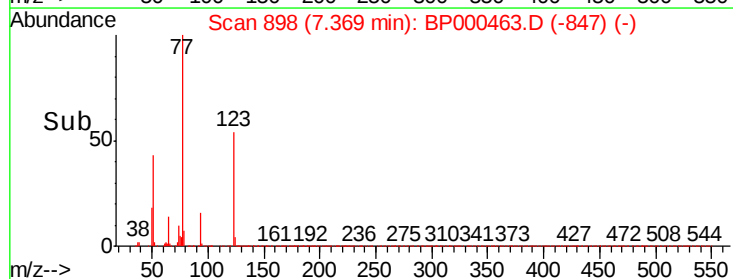
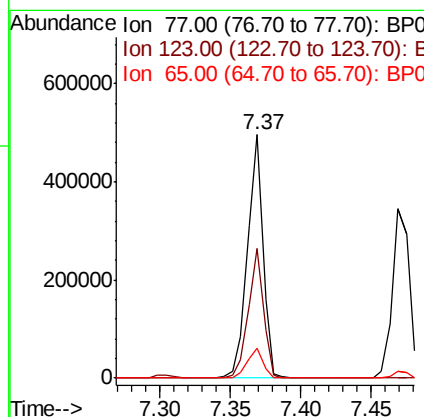
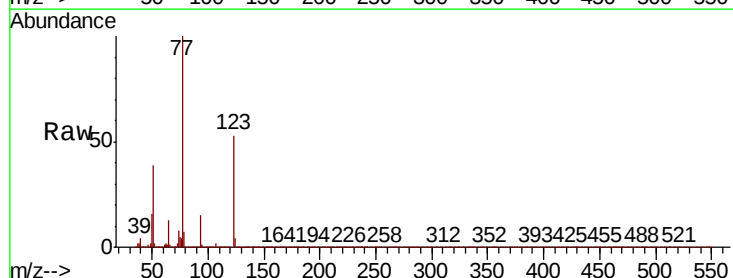
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#24
 Nitrobenzene
 Concen: 38.826 ng
 RT: 7.37 min Scan# 898
 Delta R.T. -0.00 min
 Lab File: BP000463.D
 Acq: 27 Sep 2019 17:32

Tgt Ion	Ratio	Lower	Upper
77	100		
123	53.5	43.1	64.7
65	12.5	9.4	14.2





#25

Isophorone

Concen: 49.922 ng

RT: 7.61 min Scan# 939

Delta R.T. -0.00 min

Lab File: BP000463.D

Acq: 27 Sep 2019 17:32

Instrument :

BNA_P

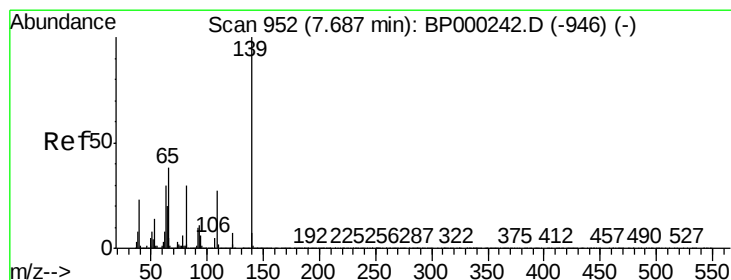
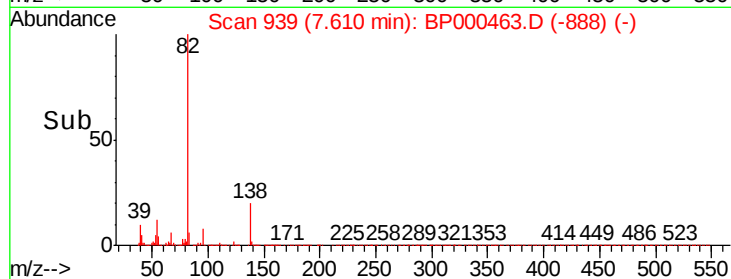
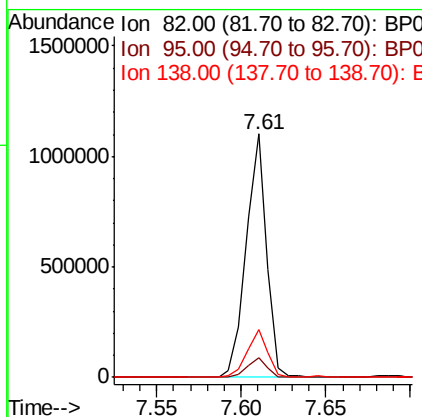
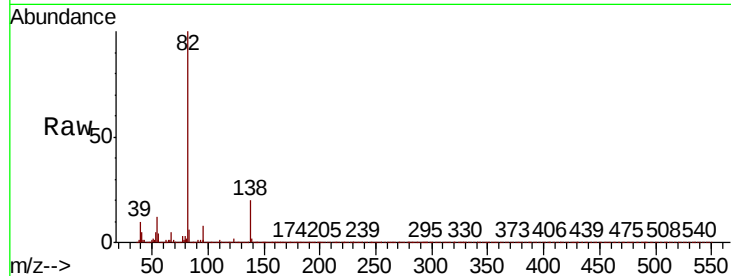
ClientSampleId :

TS-2MSD

Tot Ion:	82	Resp:	934246
Ion Ratio	Lower	Upper	
82	100		
95	7.9	5.9	8.9
138	19.9	15.9	23.9

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#26

2-Nitrophenol

Concen: 48.232 ng

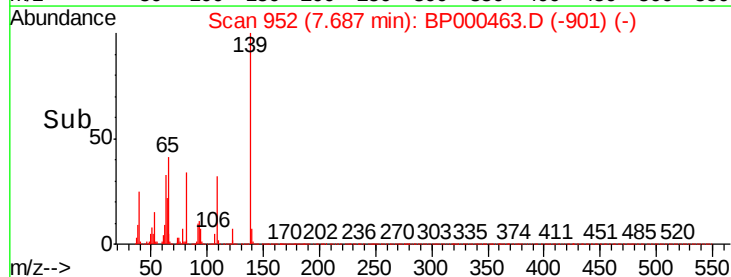
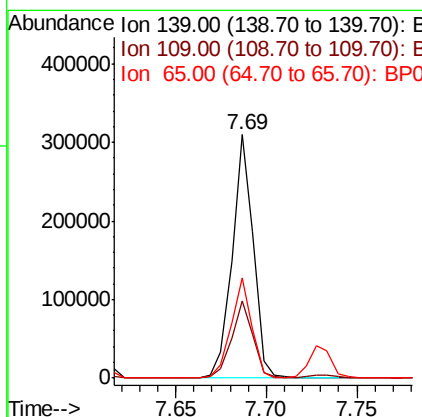
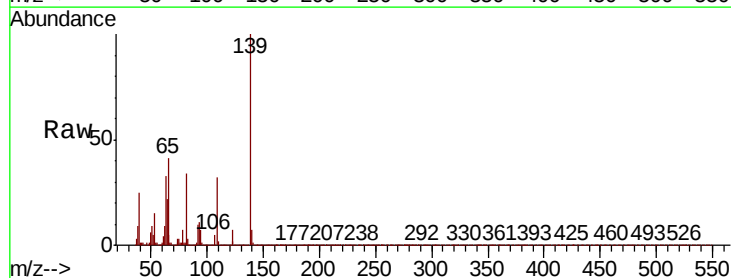
RT: 7.69 min Scan# 952

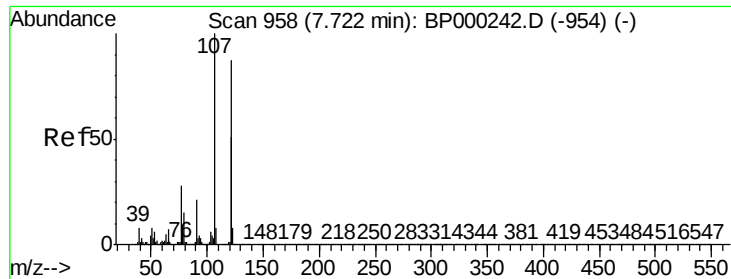
Delta R.T. -0.00 min

Lab File: BP000463.D

Acq: 27 Sep 2019 17:32

Tgt Ion:	139	Resp:	251000
Ion Ratio	Lower	Upper	
139	100		
109	31.9	21.8	32.6
65	41.2	30.5	45.7





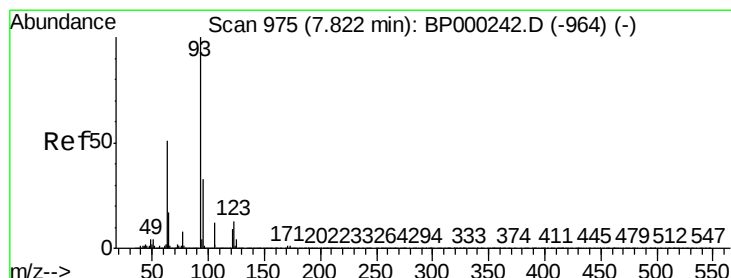
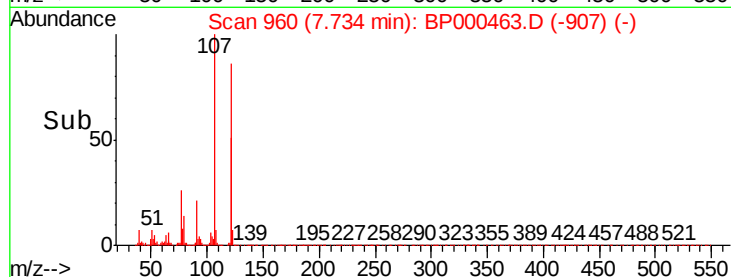
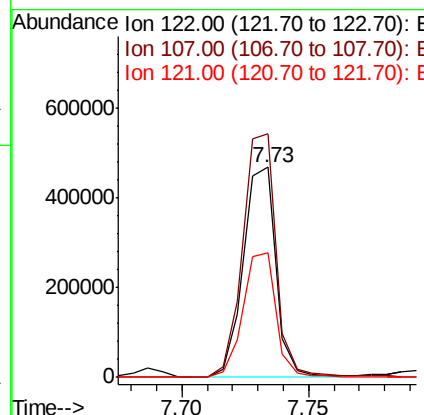
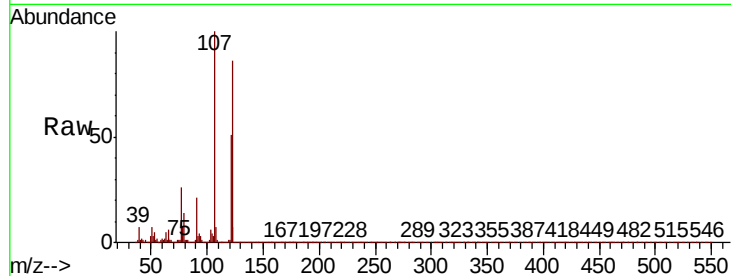
#27
2,4-Dimethylphenol
Concen: 51.001 ng
RT: 7.73 min Scan# 960
Delta R.T. 0.01 min
Lab File: BP000463.D
Acq: 27 Sep 2019 17:32

Instrument :
BNA_P
ClientSampleId :
TS-2MSD

Tot Ion	Ratio	Resp	Lower	Upper
122	100	422771		
107	116.0	91.5	137.3	
121	59.3	46.9	70.3	

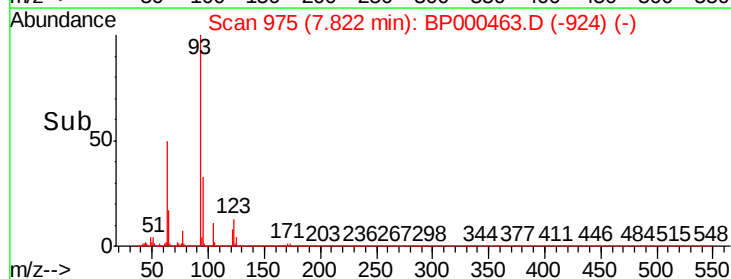
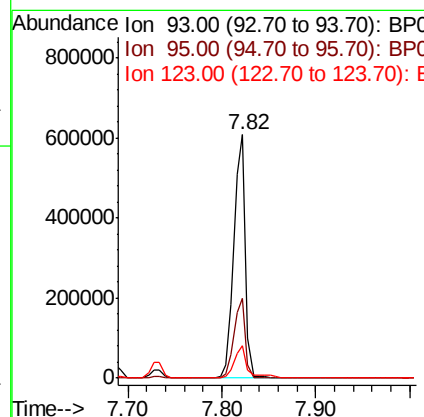
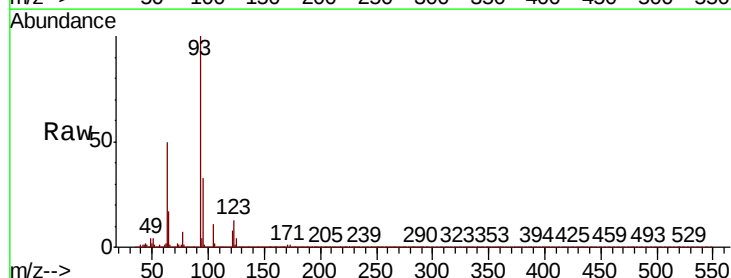
Manual Integrations
APPROVED

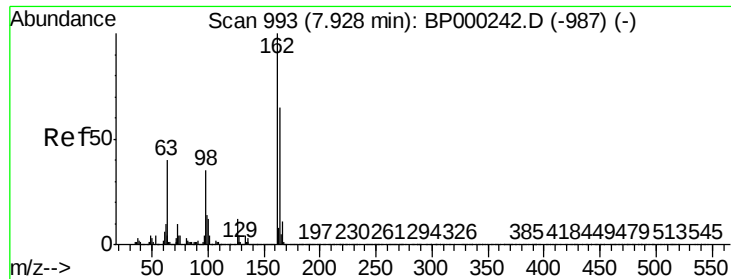
mohammad
9/30/2019 8:15:25 AM



#28
bis(2-Chloroethoxy)methane
Concen: 41.288 ng
RT: 7.82 min Scan# 975
Delta R.T. -0.00 min
Lab File: BP000463.D
Acq: 27 Sep 2019 17:32

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	513903		
95	32.9	26.2	39.4	
123	13.2	10.2	15.2	





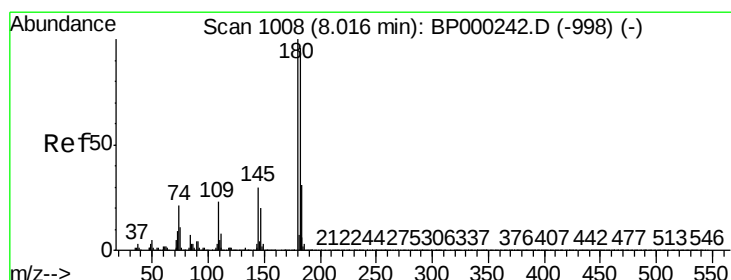
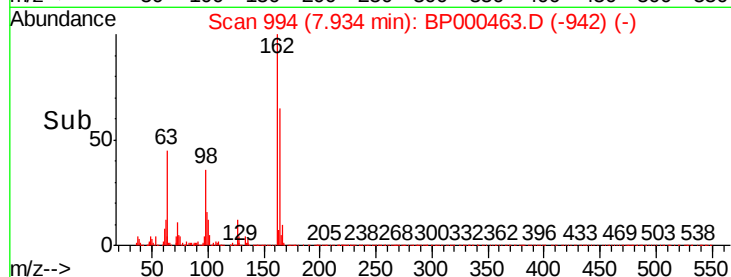
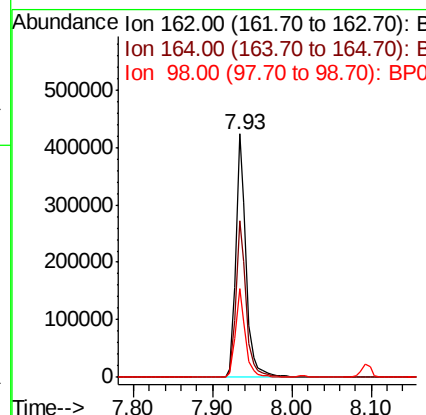
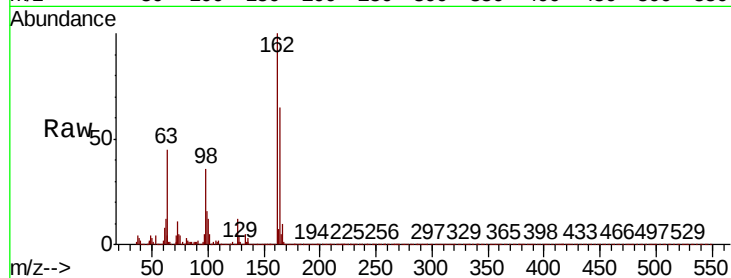
#29
2,4-Dichlorophenol
Concen: 43.084 ng
RT: 7.93 min Scan# 994
Delta R.T. 0.01 min
Lab File: BP000463.D
Acq: 27 Sep 2019 17:32

Instrument :
BNA_P
ClientSampleId :
TS-2MSD

Tot Ion:	162	Resp:	382767
Ion Ratio	Lower	Upper	
162	100		
164	64.6	44.5	84.5
98	36.5	15.2	55.2

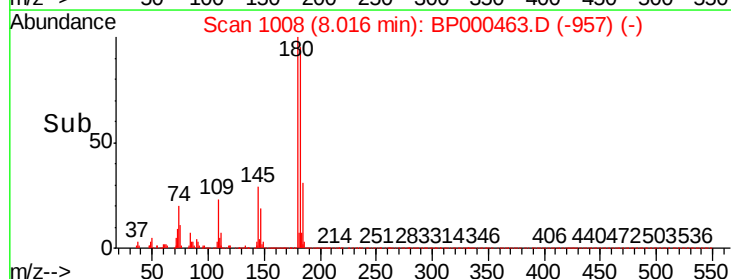
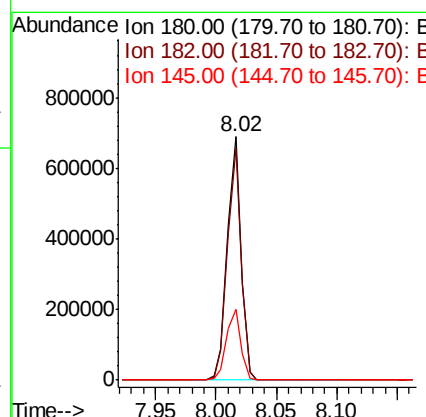
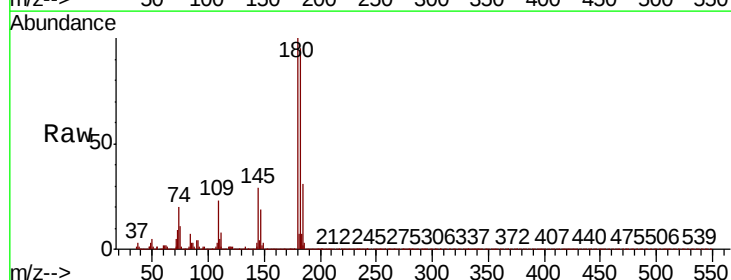
Manual Integrations
APPROVED

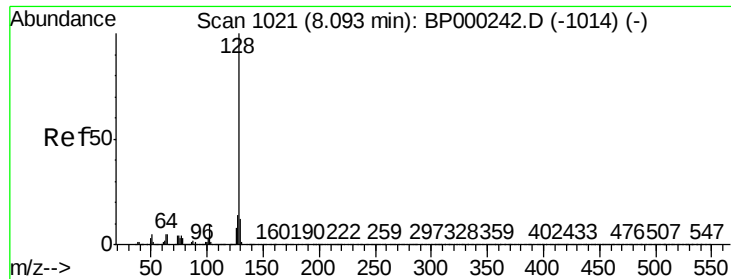
mohammad
9/30/2019 8:15:25 AM



#30
1,2,4-Trichlorobenzene
Concen: 53.117 ng
RT: 8.02 min Scan# 1008
Delta R.T. -0.00 min
Lab File: BP000463.D
Acq: 27 Sep 2019 17:32

Tgt Ion:	180	Resp:	540900
Ion Ratio	Lower	Upper	
180	100		
182	95.1	77.2	115.8
145	29.3	24.3	36.5





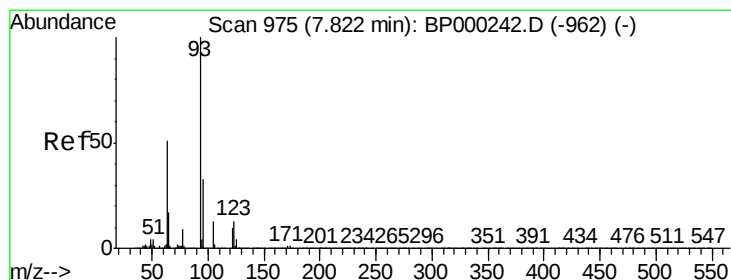
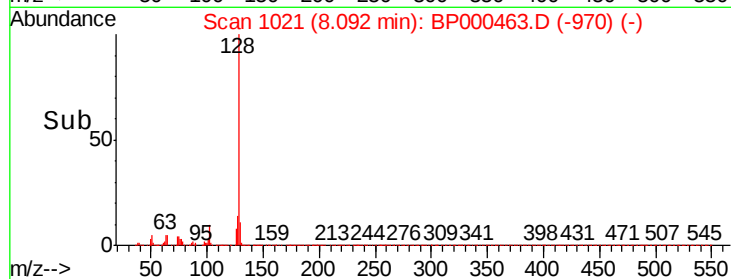
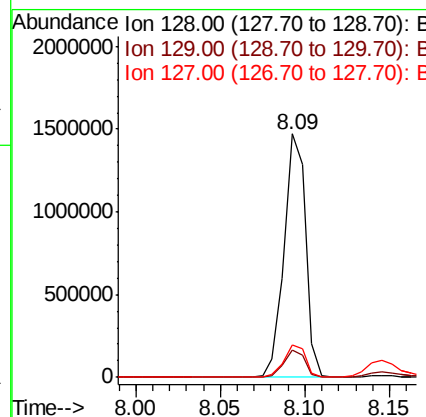
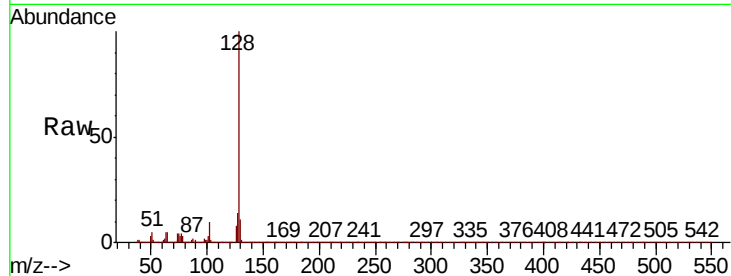
#31
Naphthalene
Concen: 46.113 ng
RT: 8.09 min Scan# 1021
Delta R.T. -0.00 min
Lab File: BP000463.D
Acq: 27 Sep 2019 17:32

Instrument :
BNA_P
ClientSampleId :
TS-2MSD

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.2	9.2	13.8
127	13.5	11.0	16.6

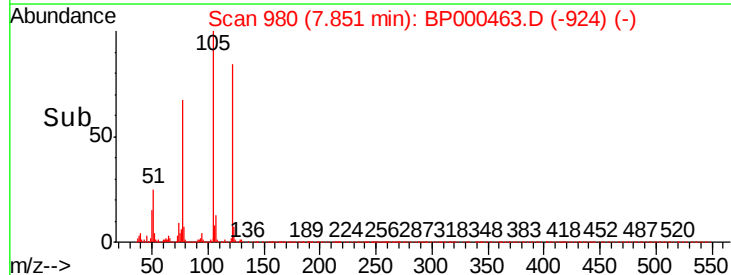
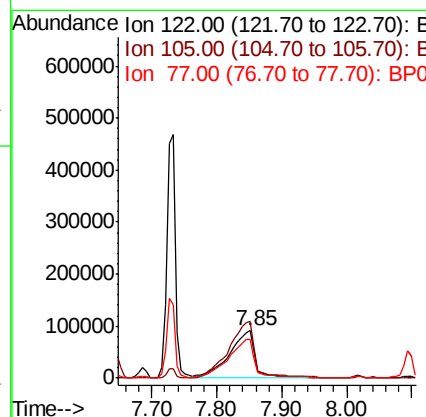
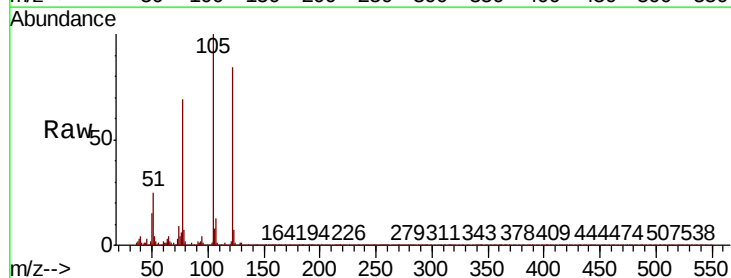
Manual Integrations
APPROVED

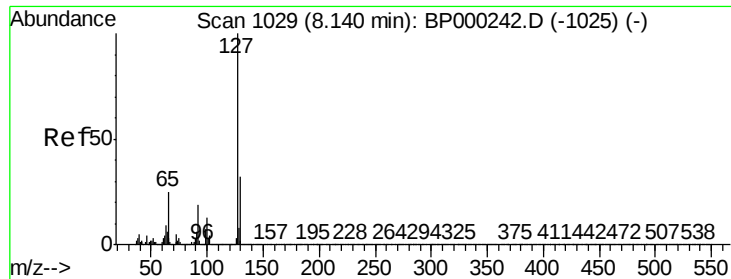
mohammad
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#32
Benzoic acid
Concen: 44.655 ng
RT: 7.85 min Scan# 980
Delta R.T. 0.03 min
Lab File: BP000463.D
Acq: 27 Sep 2019 17:32

Tgt Ion	Ratio	Lower	Upper
122	100		
105	118.9	105.4	145.4
77	82.4	65.3	105.3





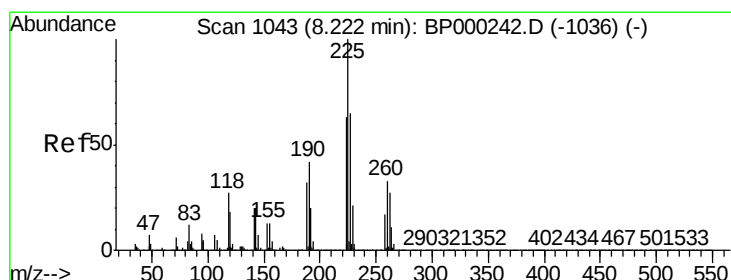
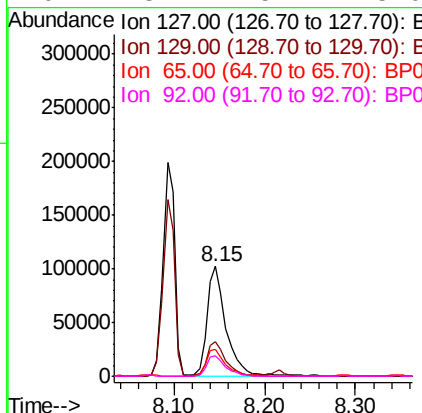
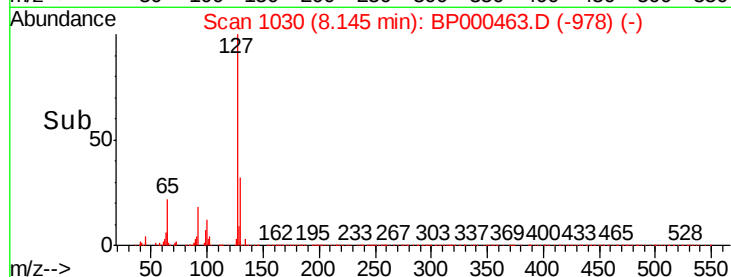
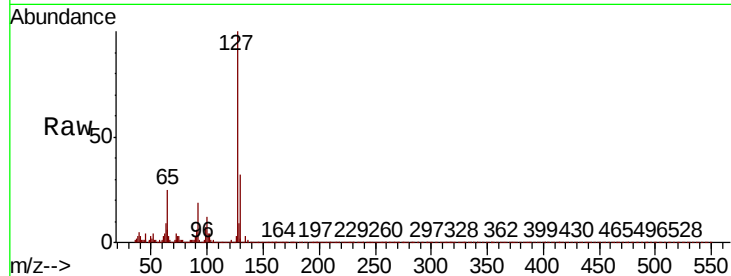
#33
4-Chloroaniline
Concen: 11.769 ng
RT: 8.15 min Scan# 1030
Delta R.T. 0.01 min
Lab File: BP000463.D
Acq: 27 Sep 2019 17:32

Instrument :
BNA_P
ClientSampleId :
TS-2MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100		150419		
129	32.0	25.7	38.5		
65	24.8	19.9	29.9		
92	18.7	15.4	23.0		

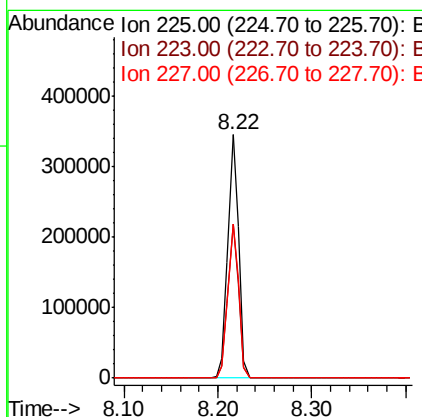
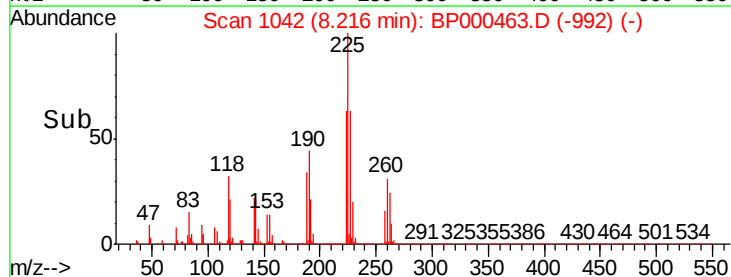
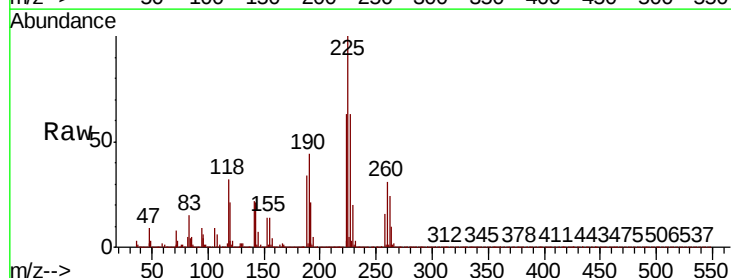
Manual Integrations
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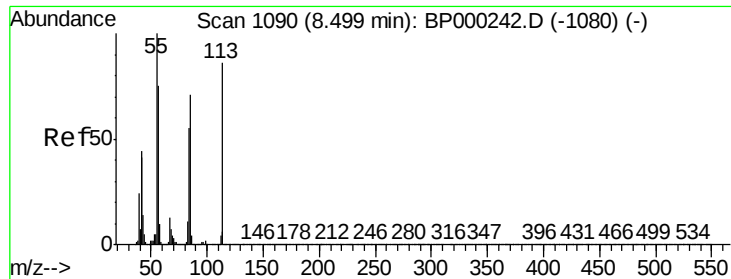
mohammad
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#34
Hexachlorobutadiene
Concen: 45.686 ng
RT: 8.22 min Scan# 1042
Delta R.T. -0.01 min
Lab File: BP000463.D
Acq: 27 Sep 2019 17:32

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100		275655		
223	63.0	50.2	75.2		
227	63.4	51.8	77.6		





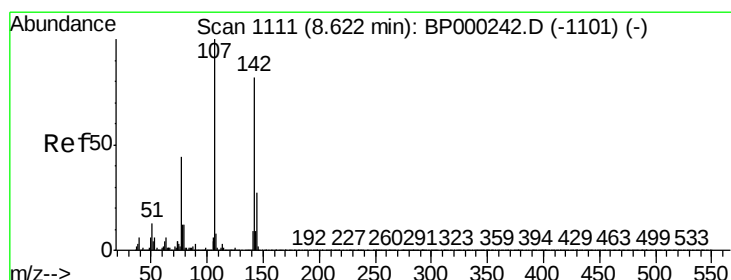
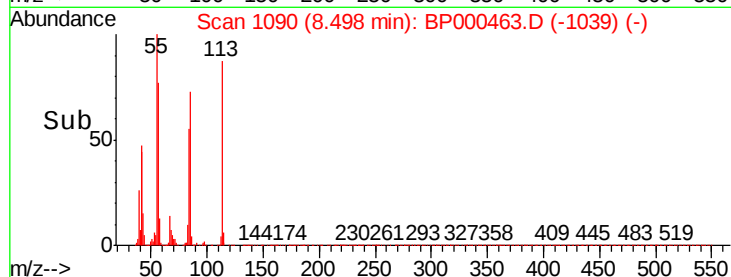
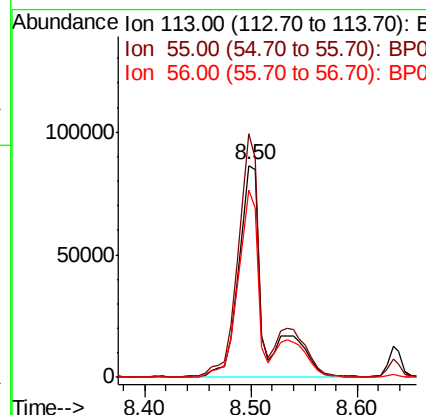
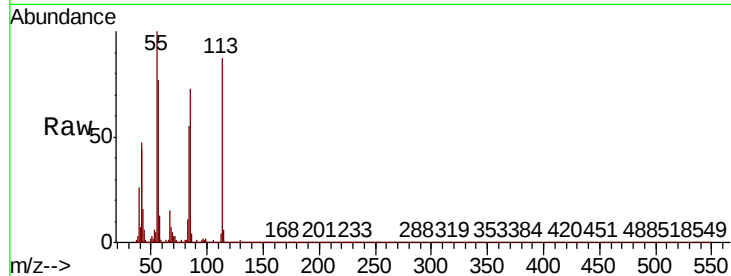
#35
Caprolactam
Concen: 49.993 ng/ml
RT: 8.50 min Scan# 1090
Delta R.T. -0.00 min
Lab File: BP000463.D
Acq: 27 Sep 2019 17:32

Instrument :
BNA_P
ClientSampled :
TS-2MSD

Tot Ion	Ratio	Resp	Lower	Upper
113	100	151091		
55	114.8	96.8	136.8	
56	88.5	67.5	107.5	

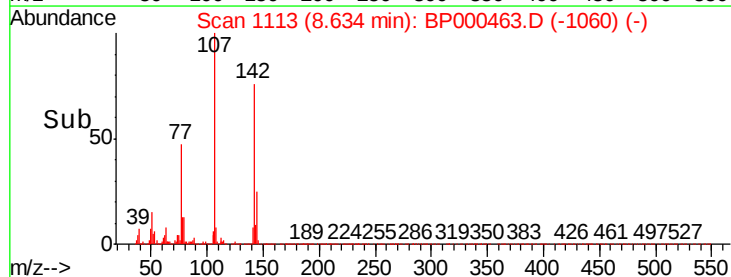
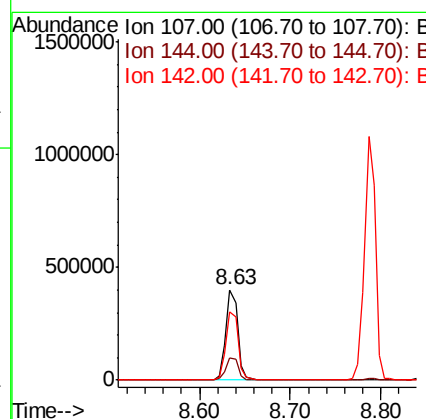
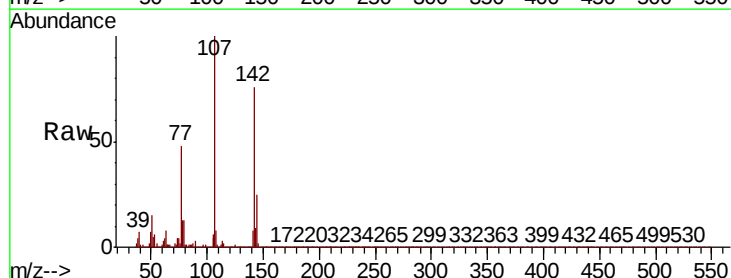
Manual Integrations
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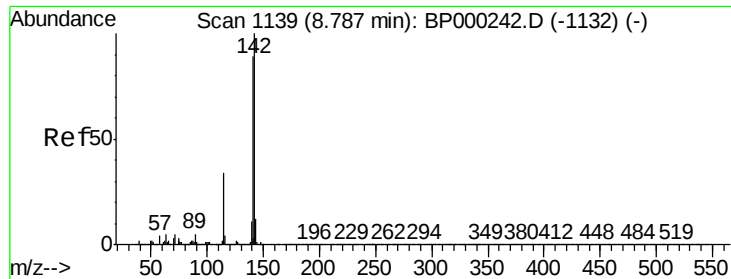
mohammad
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#36
4-Chloro-3-methylphenol
Concen: 39.953 ng/ml
RT: 8.63 min Scan# 1113
Delta R.T. 0.01 min
Lab File: BP000463.D
Acq: 27 Sep 2019 17:32

Tgt Ion	Ratio	Resp	Lower	Upper
107	100	360330		
144	24.9	21.5	32.3	
142	75.7	65.7	98.5	





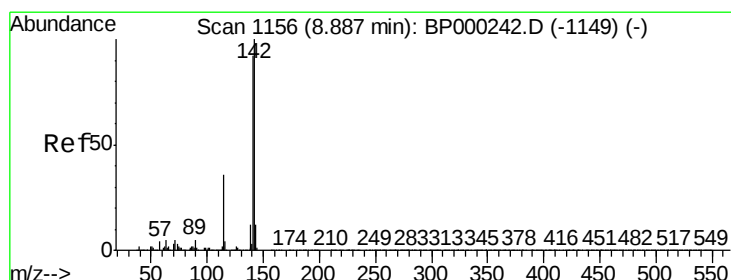
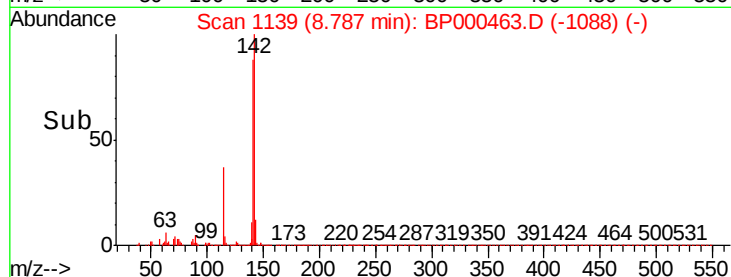
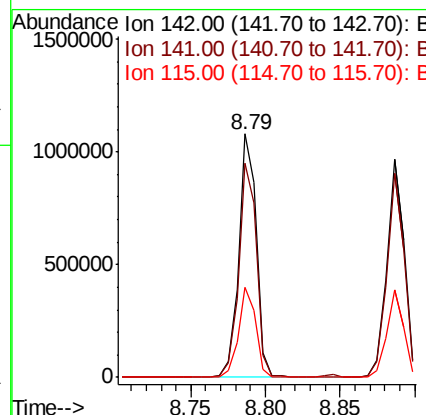
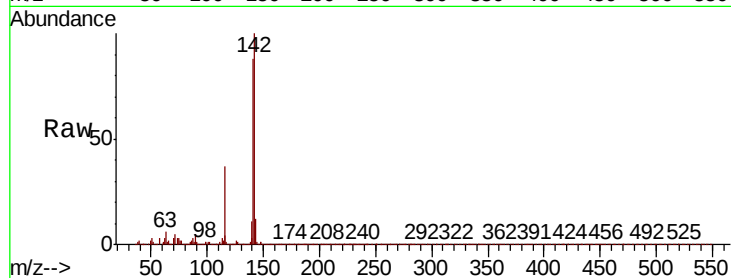
#37
2-Methylnaphthalene
Concen: 46.596 ng
RT: 8.79 min Scan# 1139
Delta R.T. -0.00 min
Lab File: BP000463.D
Acq: 27 Sep 2019 17:32

Instrument :
BNA_P
ClientSampled :
TS-2MSD

Tot Ion	Ratio	Lower	Upper
142	100		
141	88.2	71.3	106.9
115	37.0	27.2	40.8

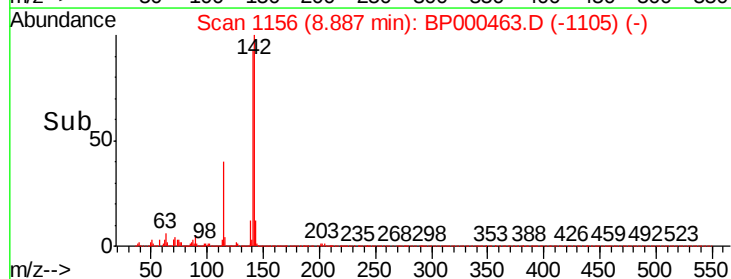
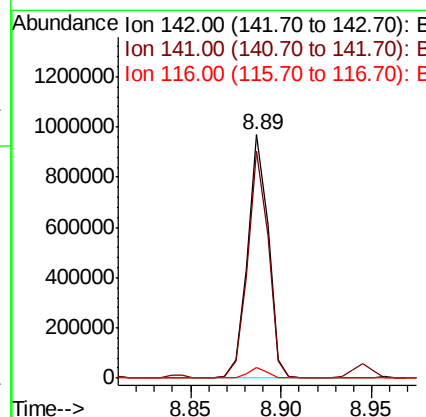
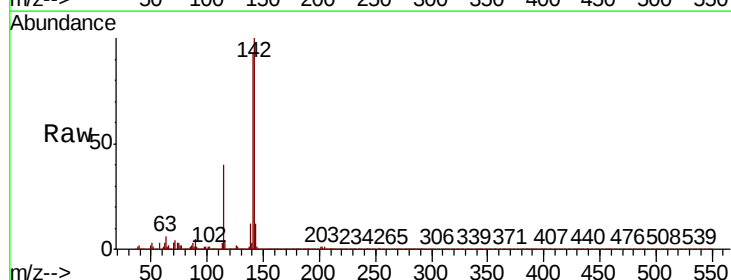
Manual Integrations
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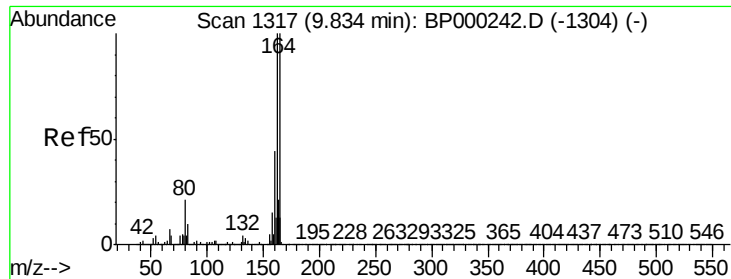
mohammad
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#38
1-Methylnaphthalene
Concen: 42.418 ng
RT: 8.89 min Scan# 1156
Delta R.T. -0.00 min
Lab File: BP000463.D
Acq: 27 Sep 2019 17:32

Tgt Ion	Ratio	Lower	Upper
142	100		
141	93.3	73.9	110.9
116	4.1	3.0	4.6





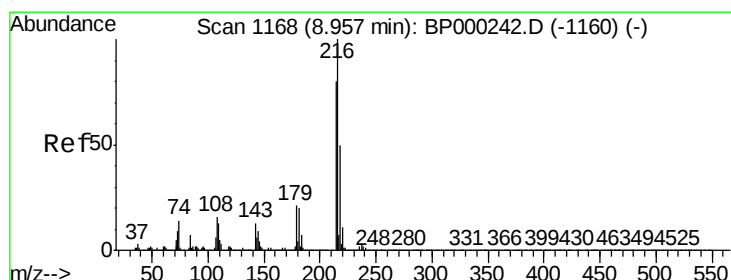
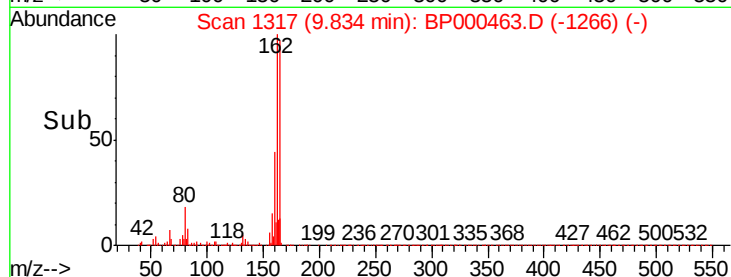
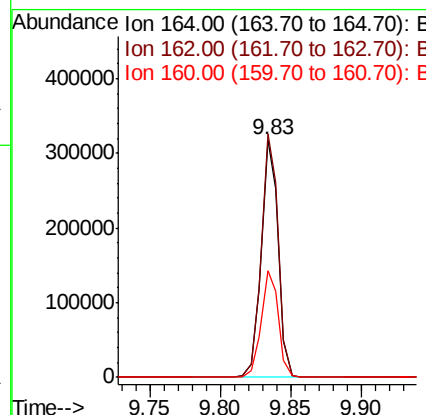
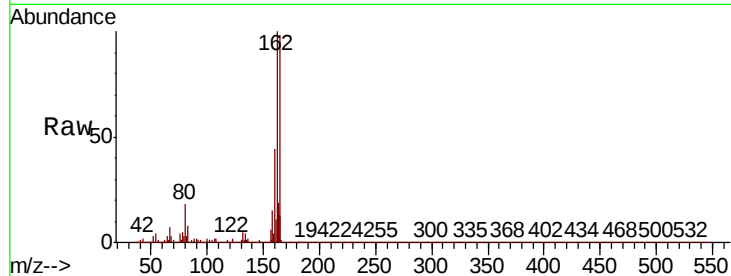
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.83 min Scan# 1317
Delta R.T. -0.00 min
Lab File: BP000463.D
Acq: 27 Sep 2019 17:32

Instrument :
BNA_P
ClientSampleId :
TS-2MSD

Tot Ion	Ratio	Resp	Lower	Upper
164	100	268304		
162	102.6	79.9	119.9	
160	44.9	35.6	53.4	

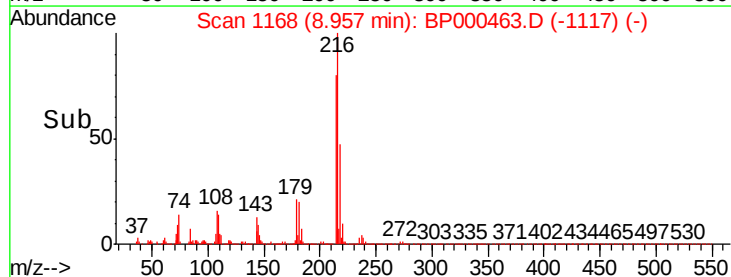
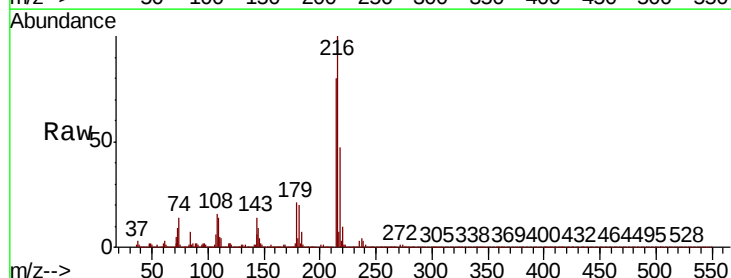
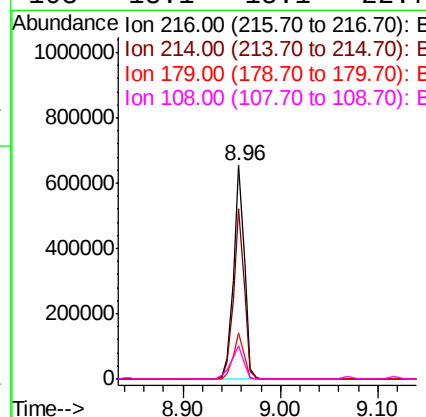
Manual Integrations
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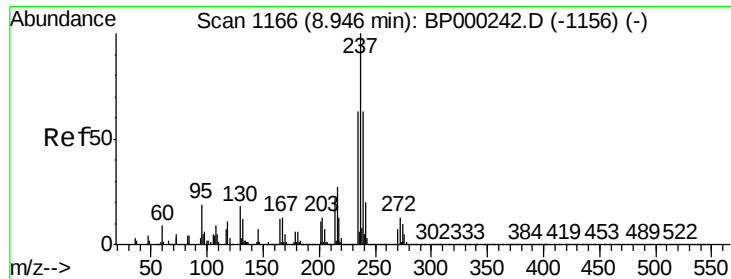
mohammad
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#40
1,2,4,5-Tetrachlorobenzene
Concen: 65.271 ng
RT: 8.96 min Scan# 1168
Delta R.T. -0.00 min
Lab File: BP000463.D
Acq: 27 Sep 2019 17:32

Tgt Ion	Ratio	Resp	Lower	Upper
216	100	500708		
214	78.7	63.6	95.4	
179	21.1	17.0	25.4	
108	18.1	15.1	22.7	





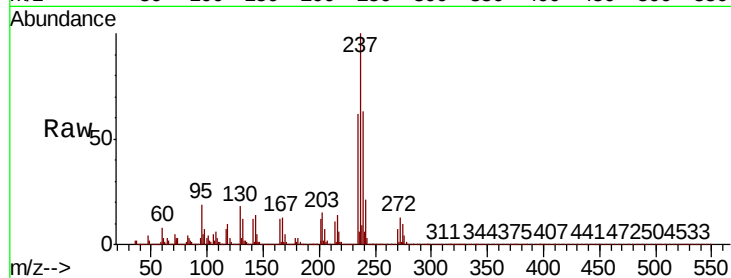
#41
Hexachlorocyclopentadiene
Concen: 80.070 ng
RT: 8.95 min Scan# 1166
Delta R.T. -0.00 min
Lab File: BP000463.D
Acq: 27 Sep 2019 17:32

Instrument :
BNA_P
ClientSampleId :
TS-2MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
237	100				
235	62.4	43.5	83.5		
272	12.9	0.0	33.0		

Manual Integrations
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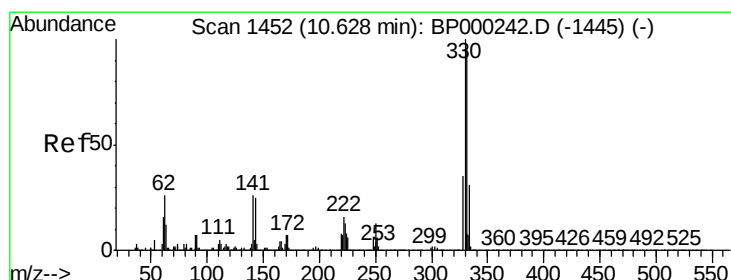
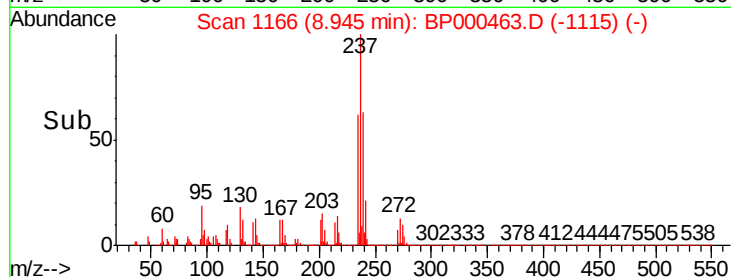
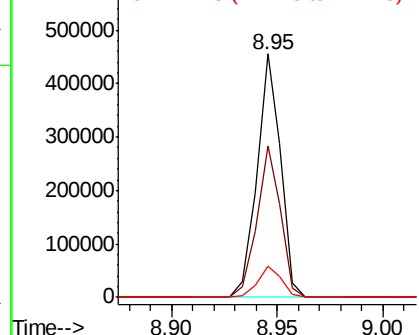


Abundance

Ion 236.80 (236.50 to 237.50): E

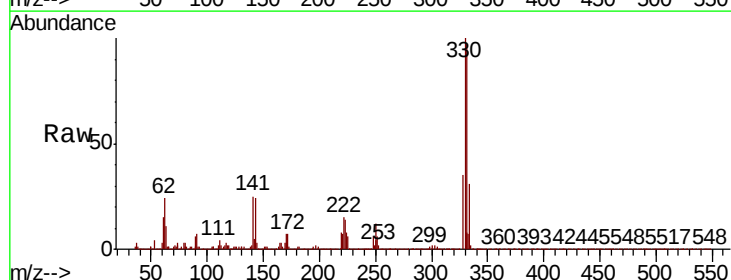
Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



#42
2,4,6-Tribromophenol
Concen: 109.884 ng
RT: 10.63 min Scan# 1453
Delta R.T. 0.01 min
Lab File: BP000463.D
Acq: 27 Sep 2019 17:32

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
330	100				
332	96.1	76.6	115.0		
141	30.3	26.5	39.7		

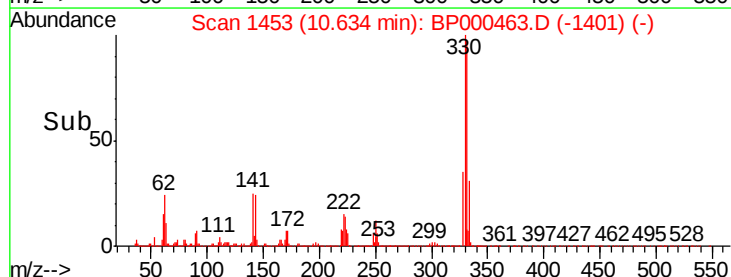
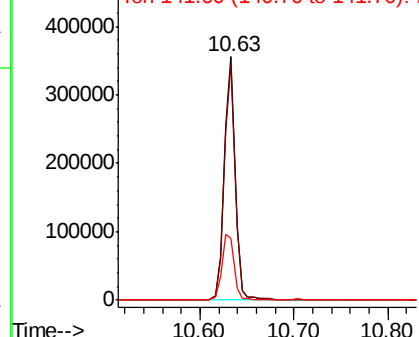


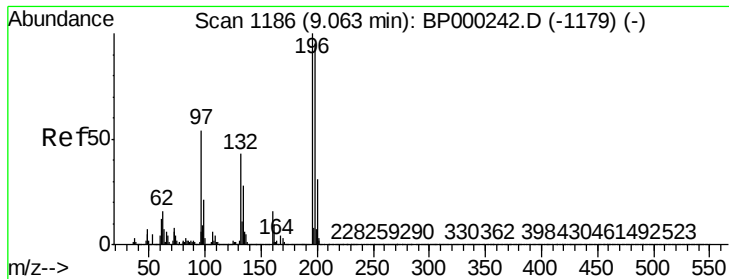
Abundance

Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





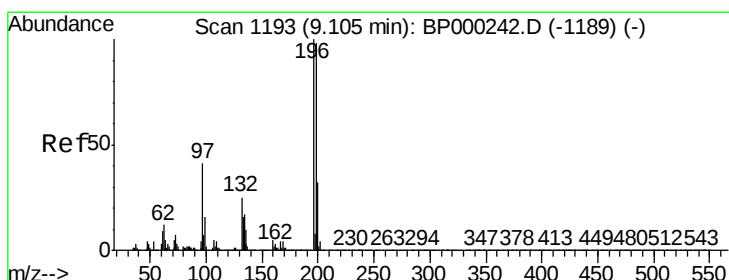
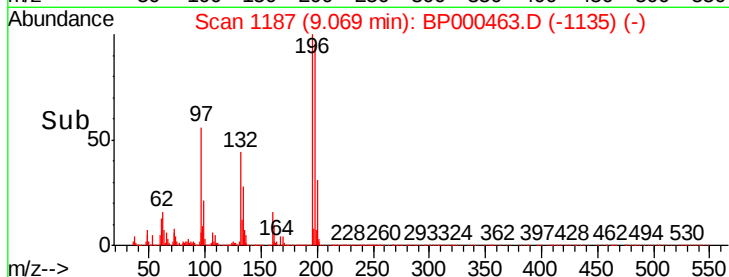
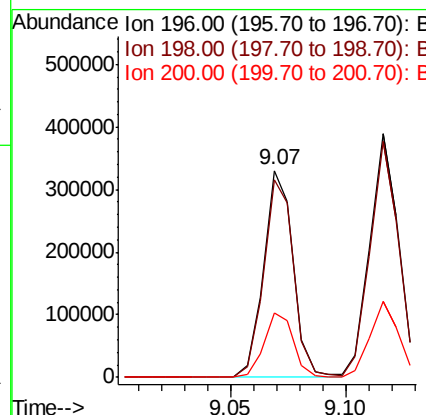
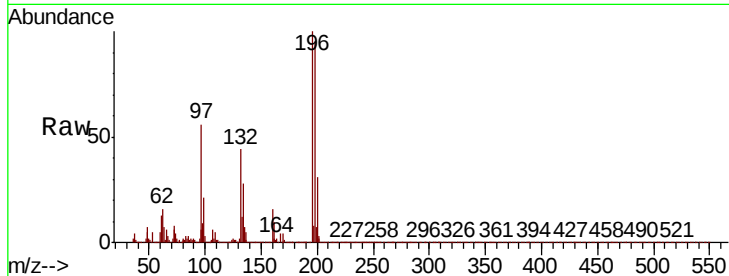
#43
2,4,6-Trichlorophenol
Concen: 55.542 ng
RT: 9.07 min Scan# 1187
Delta R.T. 0.01 min
Lab File: BP000463.D
Acq: 27 Sep 2019 17:32

Instrument :
BNA_P
ClientSampled :
TS-2MSD

Tot Ion	Ratio	Resp	Lower	Upper
196	100	294827		
198	95.4	76.0	114.0	
200	30.9	24.6	37.0	

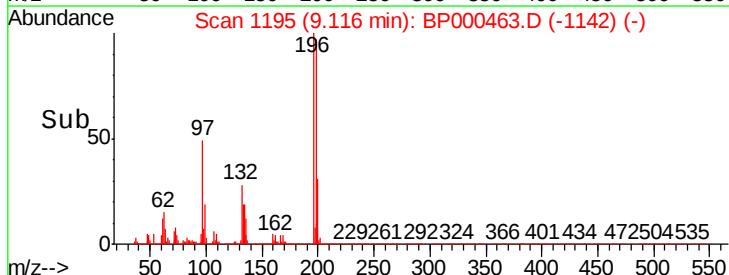
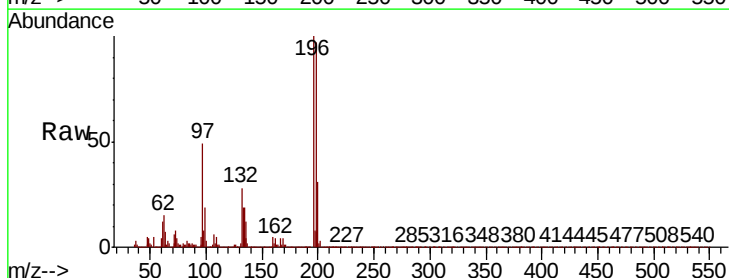
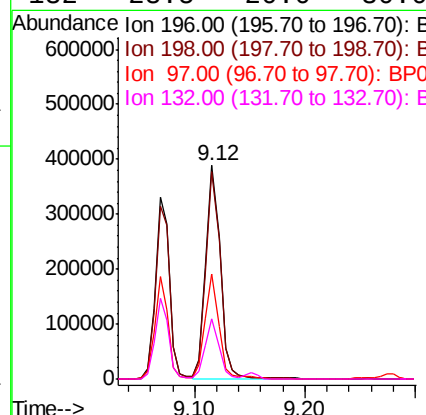
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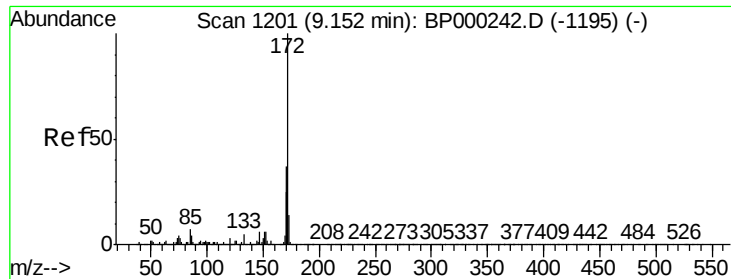
mohammad
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#44
2,4,5-Trichlorophenol
Concen: 63.812 ng
RT: 9.12 min Scan# 1195
Delta R.T. 0.01 min
Lab File: BP000463.D
Acq: 27 Sep 2019 17:32

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	346845		
198	96.9	78.1	117.1	
97	49.2	33.3	49.9	
132	28.5	20.0	30.0	





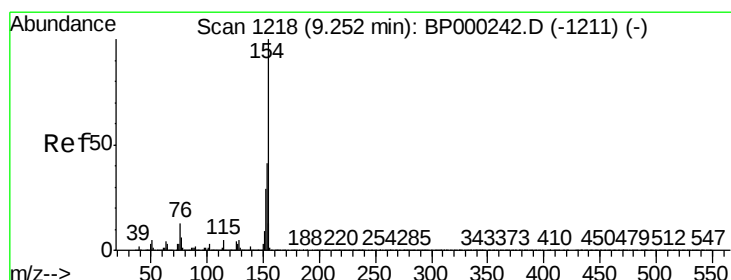
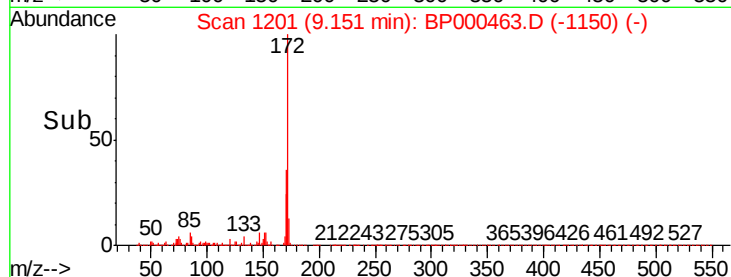
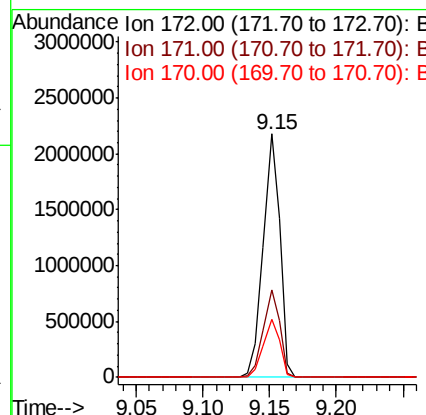
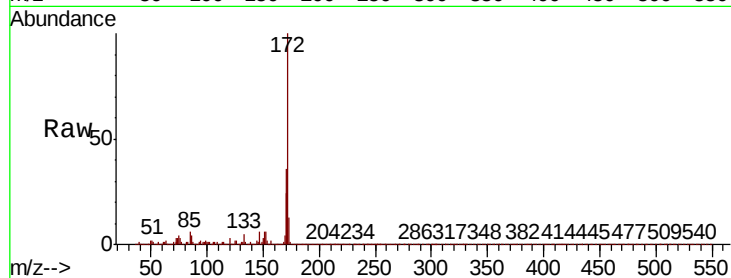
#45
2-Fluorobiphenyl
Concen: 124.006 ng
RT: 9.15 min Scan# 1201
Delta R.T. -0.00 min
Lab File: BP000463.D
Acq: 27 Sep 2019 17:32

Instrument :
BNA_P
ClientSampled :
TS-2MSD

Tot Ion	Ratio	Lower	Upper
172	100		
171	35.9	29.8	44.6
170	24.0	19.8	29.6

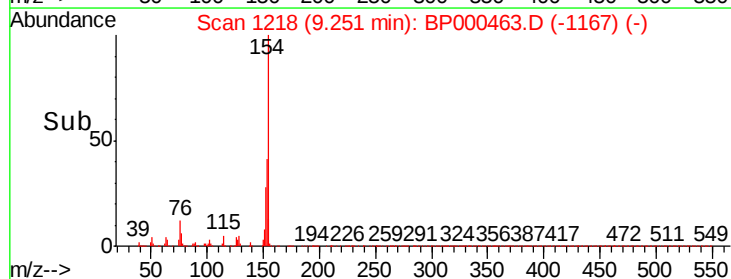
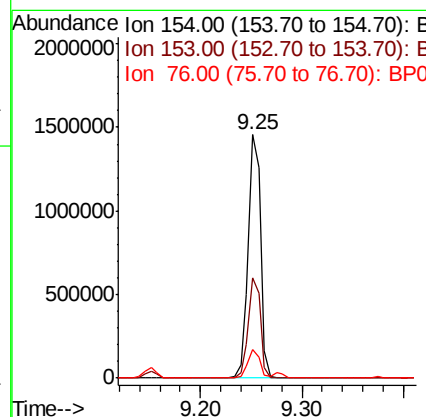
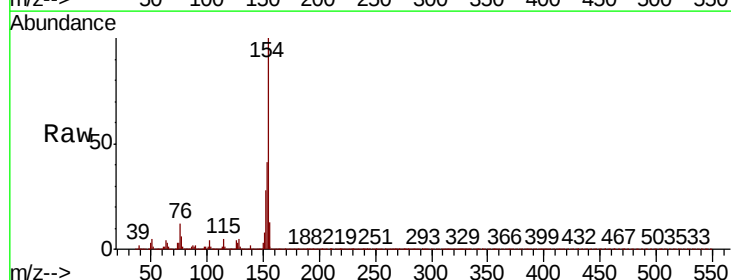
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#46
1,1'-Biphenyl
Concen: 66.082 ng
RT: 9.25 min Scan# 1218
Delta R.T. -0.00 min
Lab File: BP000463.D
Acq: 27 Sep 2019 17:32

Tgt Ion	Ratio	Lower	Upper
154	100		
153	41.1	21.4	61.4
76	11.9	0.0	33.4





#47

2-Chloronaphthalene

Concen: 61.064 ng

RT: 9.28 min Scan# 1223

Delta R.T. 0.01 min

Lab File: BP000463.D

Acq: 27 Sep 2019 17:32

Instrument :

BNA_P

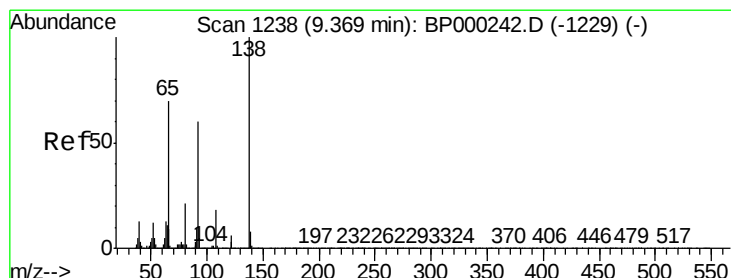
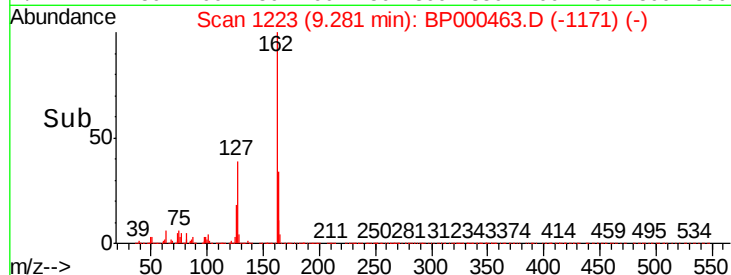
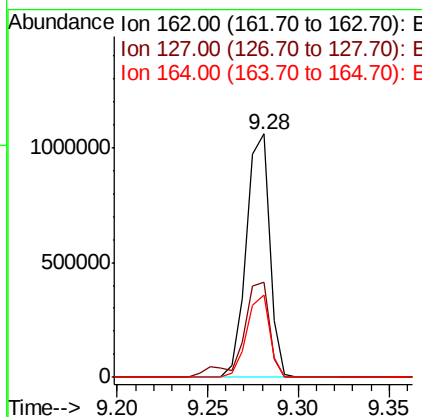
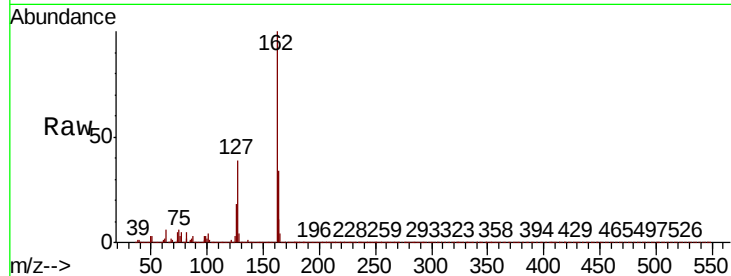
ClientSampleId :

TS-2MSD

Tot Ion:	162	Resp:	950751
Ion Ratio	Lower	Upper	
162	100		
127	38.8	32.4	48.6
164	33.7	26.3	39.5

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#48

2-Nitroaniline

Concen: 54.518 ng

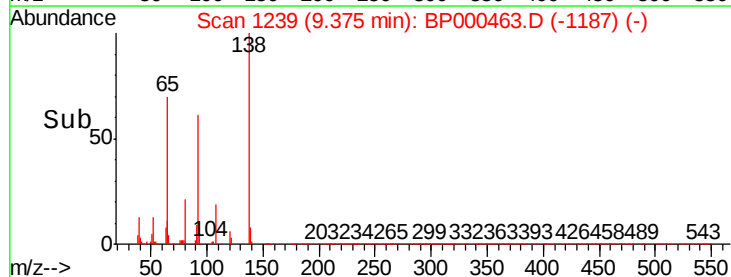
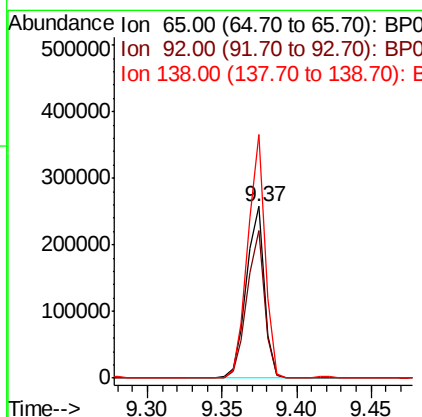
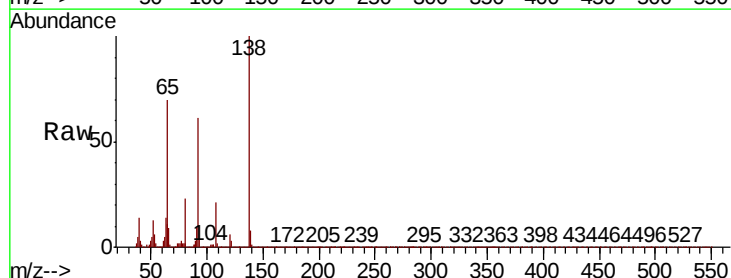
RT: 9.37 min Scan# 1239

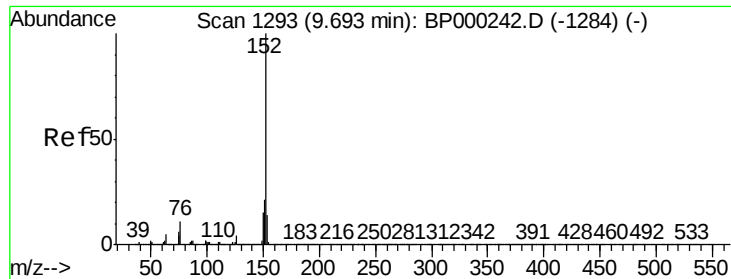
Delta R.T. 0.01 min

Lab File: BP000463.D

Acq: 27 Sep 2019 17:32

Tgt Ion:	65	Resp:	215560
Ion Ratio	Lower	Upper	
65	100		
92	86.2	68.7	103.1
138	141.9	114.4	171.6





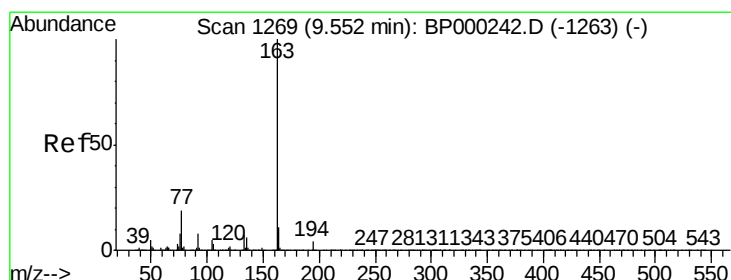
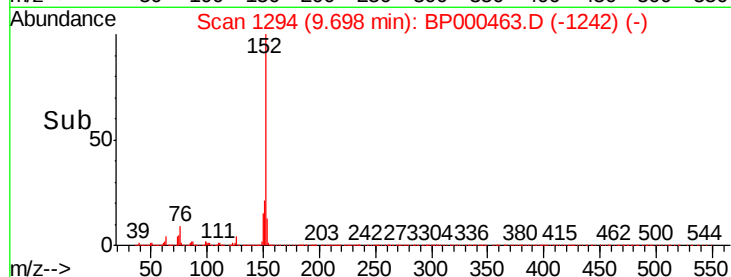
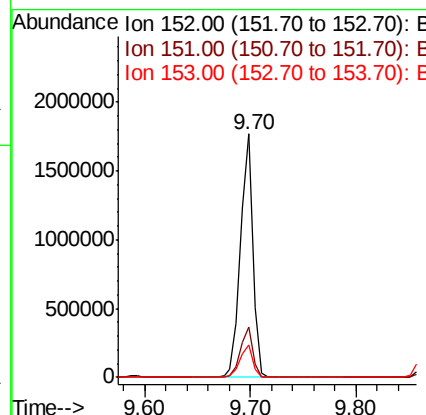
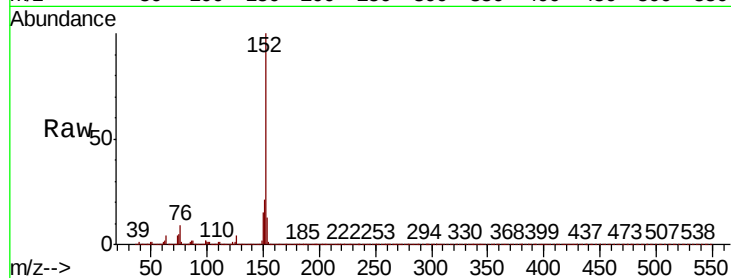
#49
Acenaphthylene
Concen: 60.498 ng
RT: 9.70 min Scan# 1294
Delta R.T. 0.01 min
Lab File: BP000463.D
Acq: 27 Sep 2019 17:32

Instrument :
BNA_P
ClientSampleId :
TS-2MSD

Tot Ion:	152	Resp:	1415912
Ion	Ratio	Lower	Upper
152	100		
151	20.7	16.4	24.6
153	13.3	11.0	16.4

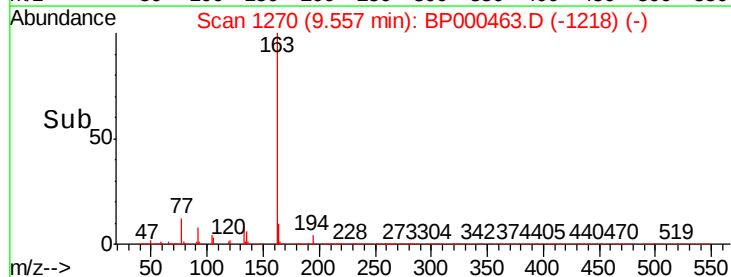
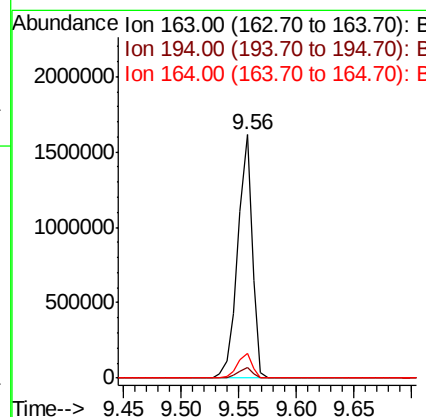
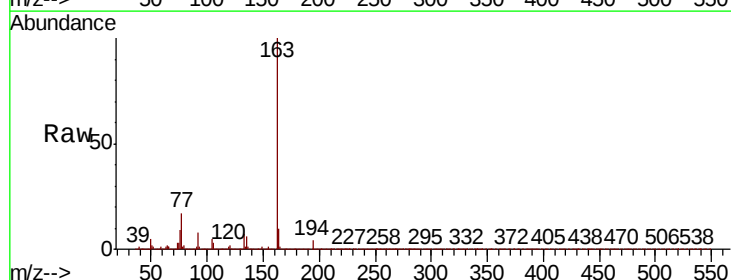
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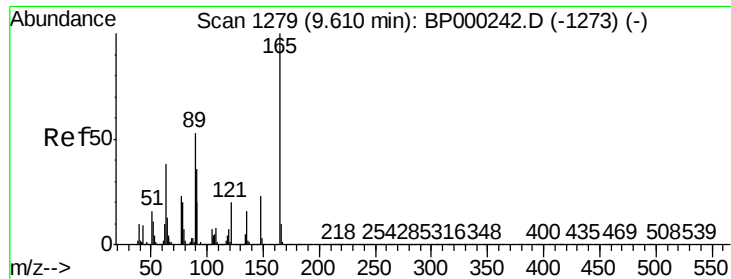
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#50
Dimethylphthalate
Concen: 77.118 ng
RT: 9.56 min Scan# 1270
Delta R.T. 0.01 min
Lab File: BP000463.D
Acq: 27 Sep 2019 17:32

Tgt Ion:	163	Resp:	1409719
Ion	Ratio	Lower	Upper
163	100		
194	4.3	3.4	5.0
164	10.3	8.5	12.7





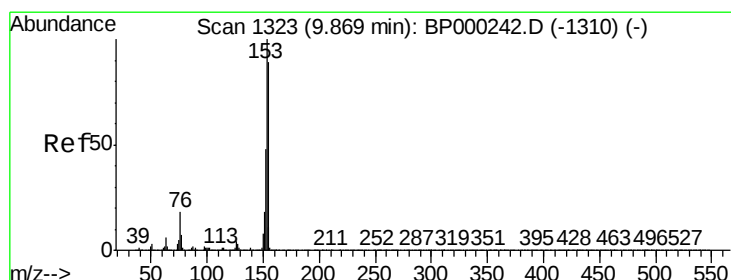
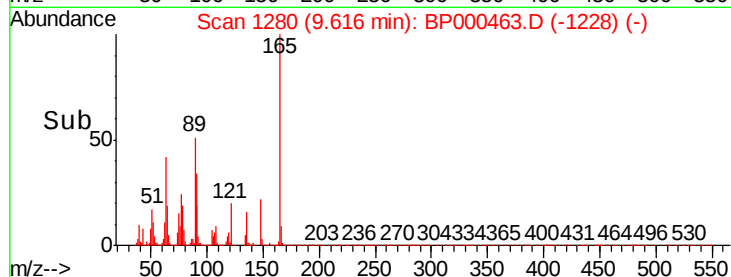
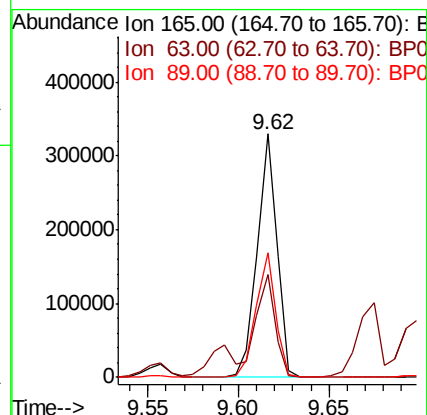
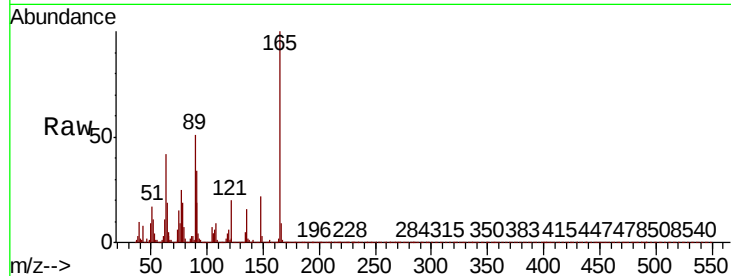
#51
2,6-Dinitrotoluene
Concen: 62.095 ng
RT: 9.62 min Scan# 1280
Delta R.T. 0.01 min
Lab File: BP000463.D
Acq: 27 Sep 2019 17:32

Instrument :
BNA_P
ClientSampleId :
TS-2MSD

Tot Ion	Ratio	Resp	Lower	Upper
165	100	249579		
63	42.2		35.8	53.8
89	51.1		42.6	63.8

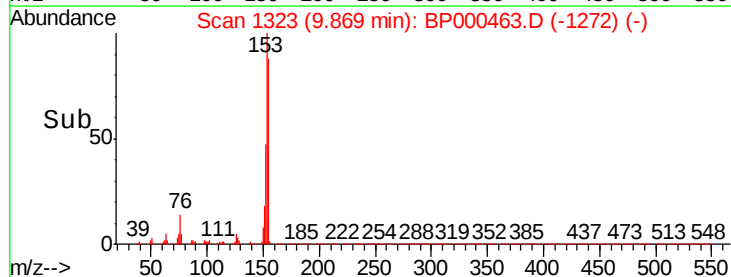
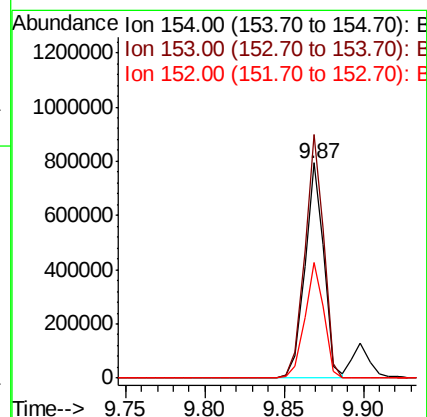
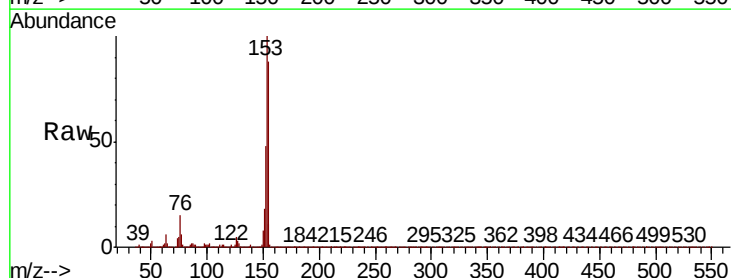
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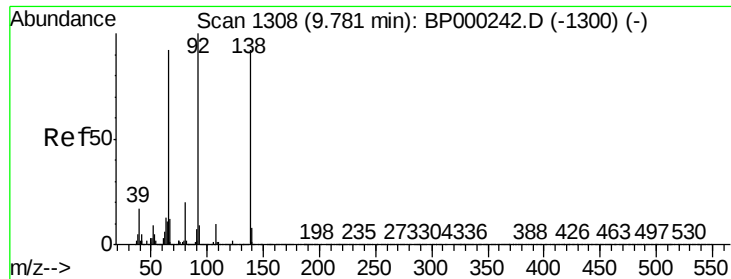
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#52
Acenaphthene
Concen: 44.361 ng
RT: 9.87 min Scan# 1323
Delta R.T. -0.00 min
Lab File: BP000463.D
Acq: 27 Sep 2019 17:32

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	655181		
153	113.3		89.8	134.6
152	53.8		43.4	65.0





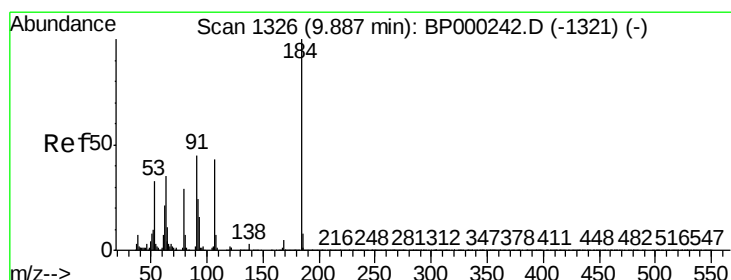
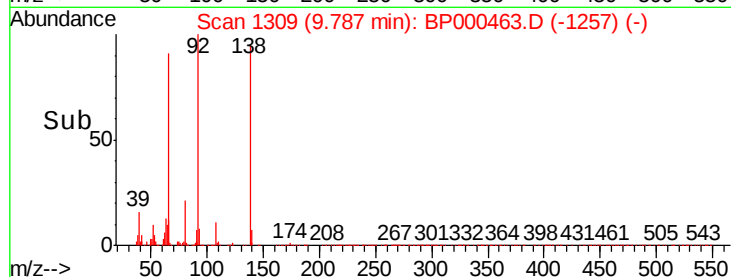
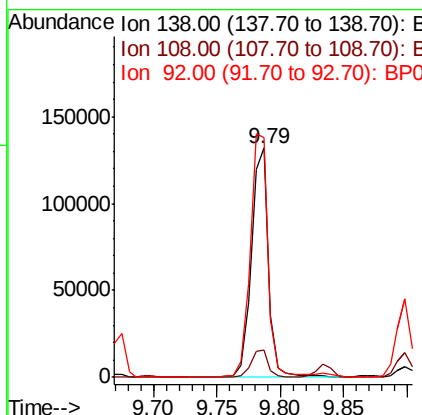
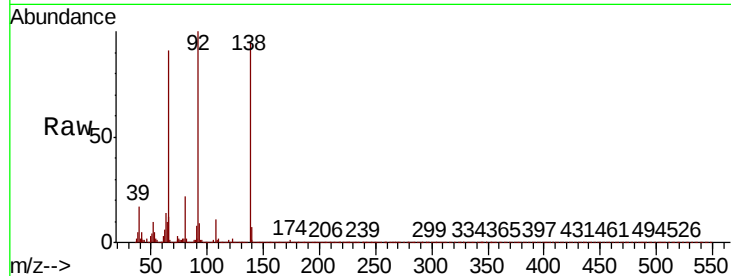
#53
 3-Nitroaniline
 Concen: 26.396 ng
 RT: 9.79 min Scan# 1309
 Delta R.T. 0.01 min
 Lab File: BP000463.D
 Acq: 27 Sep 2019 17:32

Instrument :
 BNA_P
 ClientSampleId :
 TS-2MSD

Tot Ion	Ratio	Lower	Upper
138	100		
108	11.8	9.1	13.7
92	104.8	86.7	130.1

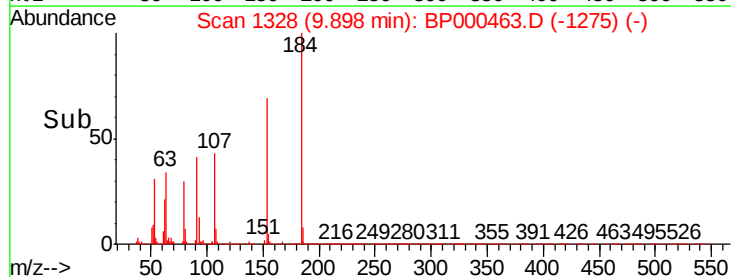
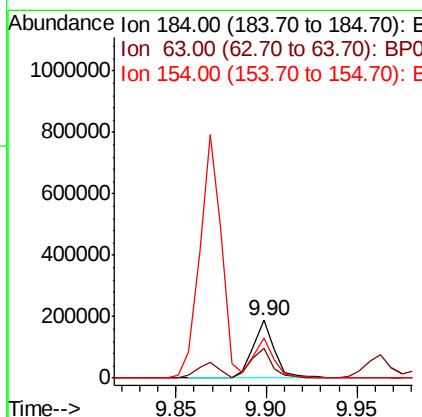
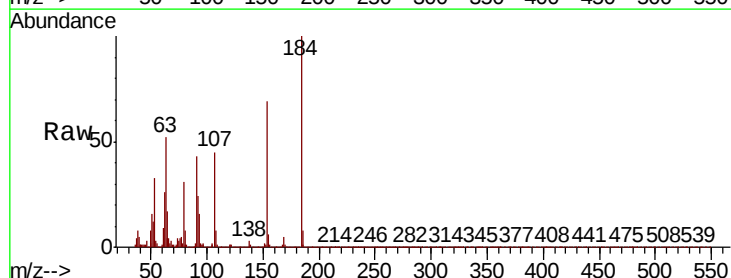
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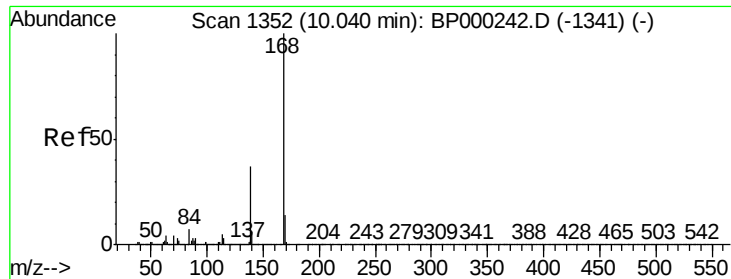
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#54
 2,4-Dinitrophenol
 Concen: 88.176 ng
 RT: 9.90 min Scan# 1328
 Delta R.T. 0.01 min
 Lab File: BP000463.D
 Acq: 27 Sep 2019 17:32

Tgt Ion	Ratio	Lower	Upper
184	100		
63	52.4	39.5	59.3
154	69.3	48.8	73.2





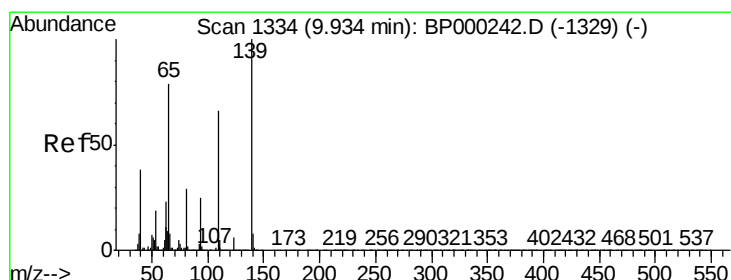
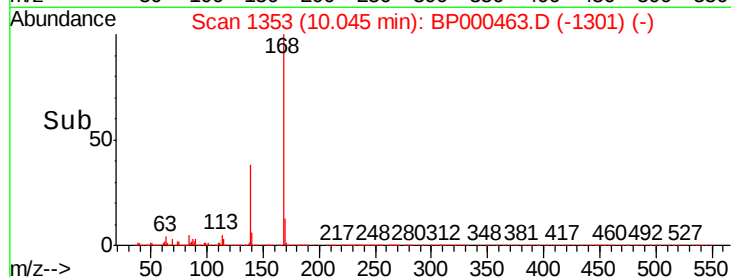
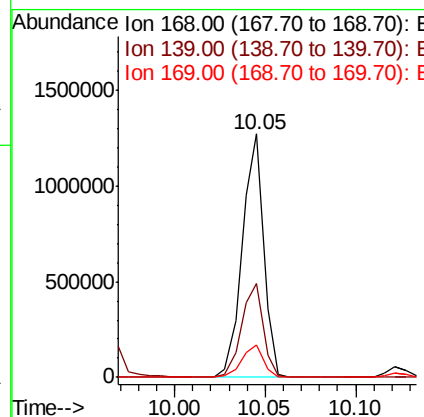
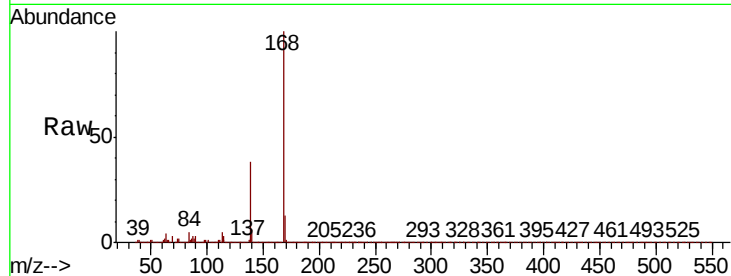
#55
Dibenzofuran
Concen: 49.792 ng
RT: 10.05 min Scan# 1353
Delta R.T. 0.01 min
Lab File: BP000463.D
Acq: 27 Sep 2019 17:32

Instrument :
BNA_P
ClientSampleId :
TS-2MSD

Tot Ion	Ratio	Lower	Upper
168	100		
139	38.4	30.0	45.0
169	13.3	11.0	16.6

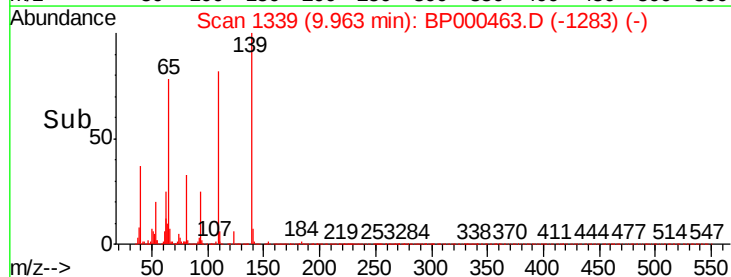
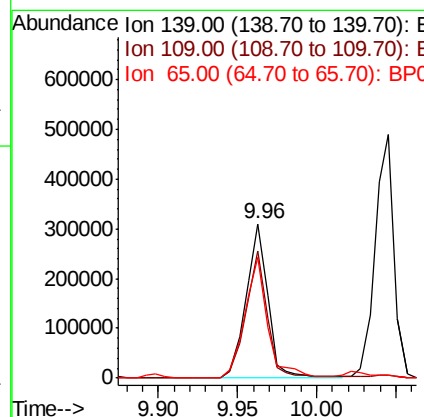
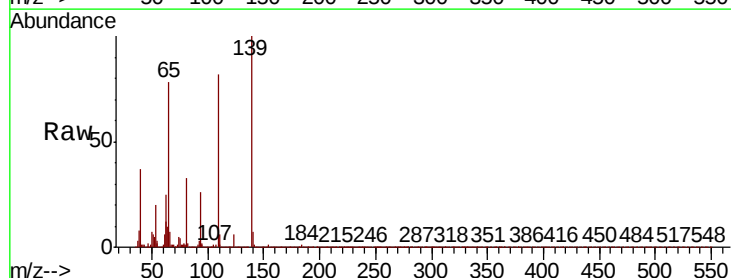
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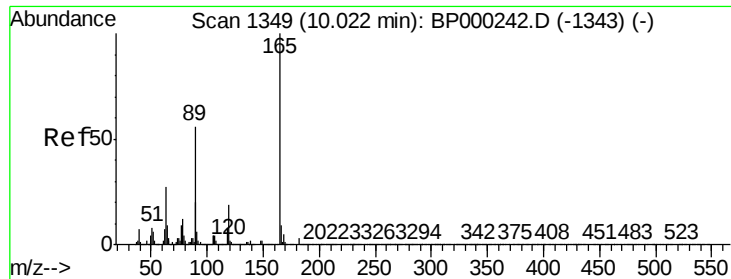
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#56
4-Nitrophenol
Concen: 85.298 ng
RT: 9.96 min Scan# 1339
Delta R.T. 0.03 min
Lab File: BP000463.D
Acq: 27 Sep 2019 17:32

Tgt Ion	Ratio	Lower	Upper
139	100		
109	82.5	46.2	86.2
65	78.4	59.4	99.4





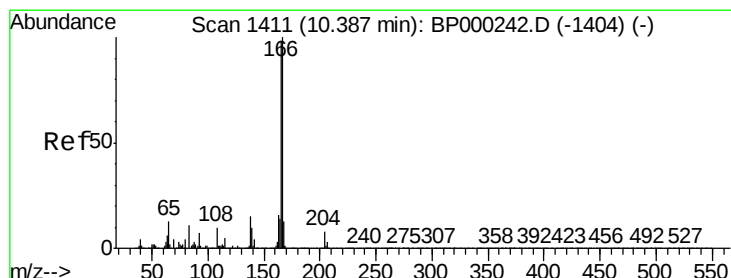
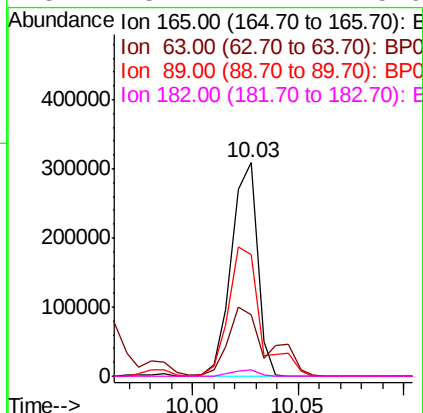
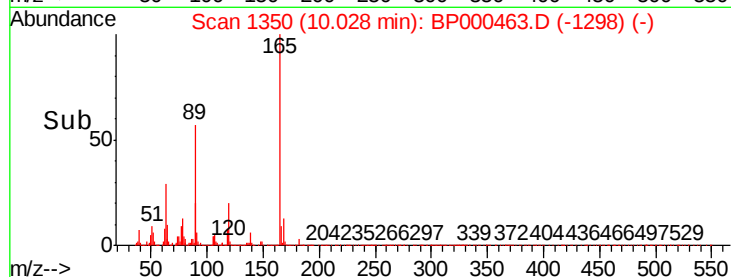
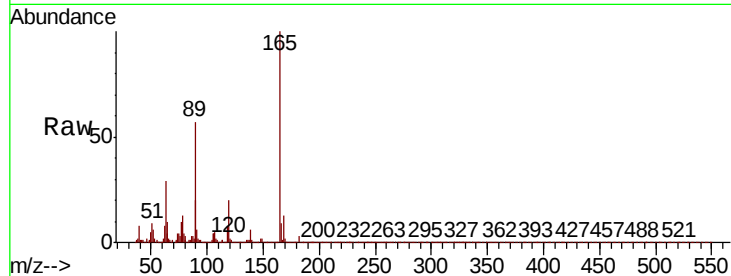
#57
2,4-Dinitrotoluene
Concen: 49.910 ng
RT: 10.03 min Scan# 1350
Delta R.T. 0.01 min
Lab File: BP000463.D
Acq: 27 Sep 2019 17:32

Instrument :
BNA_P
ClientSampleId :
TS-2MSD

Tot Ion	Ratio	Resp	Lower	Upper
165	100	262250		
63	29.0	21.7	32.5	
89	57.0	45.0	67.6	
182	3.1	2.4	3.6	

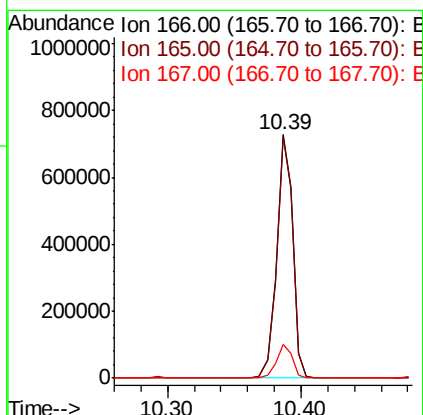
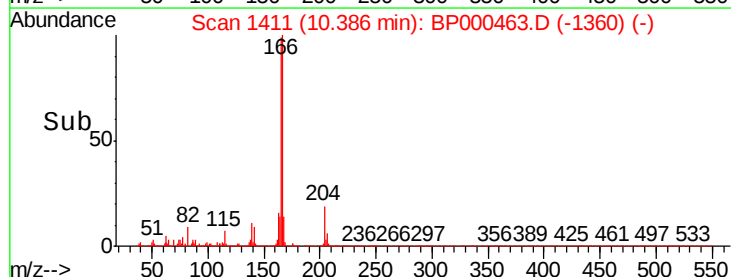
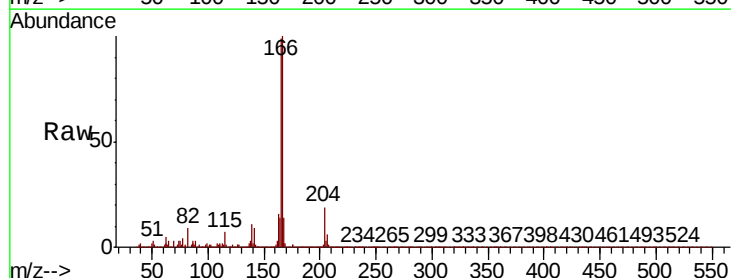
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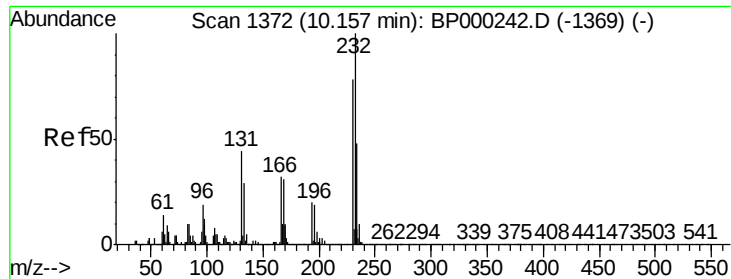
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#58
Fluorene
Concen: 37.878 ng
RT: 10.39 min Scan# 1411
Delta R.T. -0.00 min
Lab File: BP000463.D
Acq: 27 Sep 2019 17:32

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	610848		
165	98.9	78.2	117.2	
167	13.7	10.7	16.1	





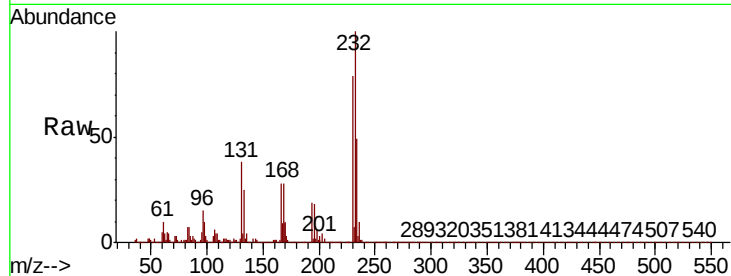
#59
2,3,4,6-Tetrachlorophenol
Concen: 42.664 ng
RT: 10.17 min Scan# 1374
Delta R.T. 0.01 min
Lab File: BP000463.D
Acq: 27 Sep 2019 17:32

Instrument :
BNA_P
ClientSampleId :
TS-2MSD

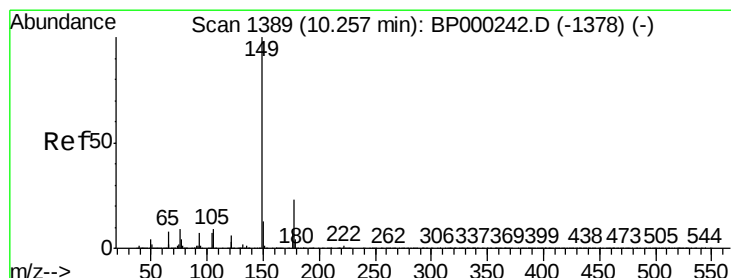
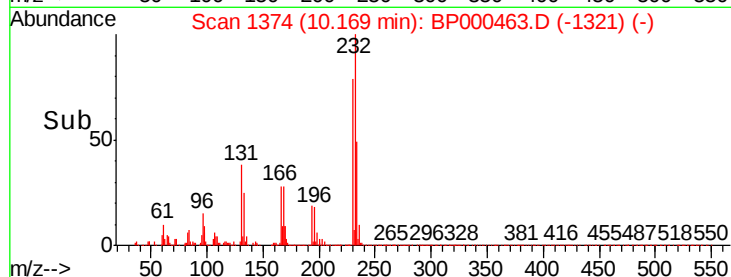
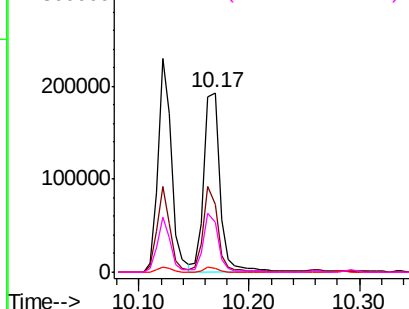
Tot Ion	Ratio	Resp	Lower	Upper
232	100	190818		
131	41.7	33.6	50.4	
130	2.5	1.8	2.6	
166	30.0	24.2	36.2	

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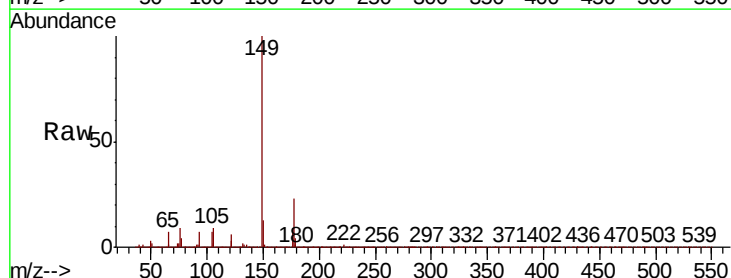


Abundance Ion 232.00 (231.70 to 232.70): E
Ion 131.00 (130.70 to 131.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 166.00 (165.70 to 166.70): E

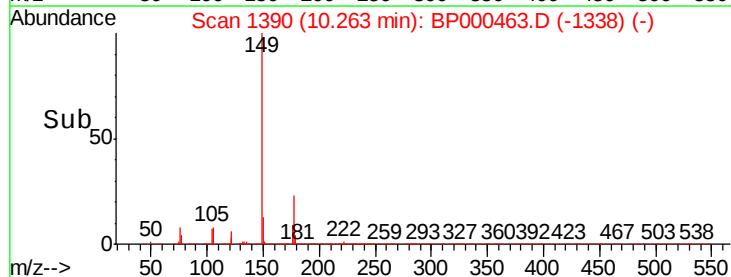
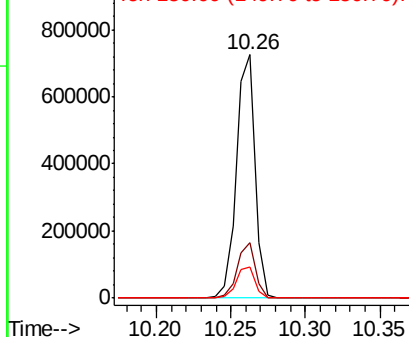


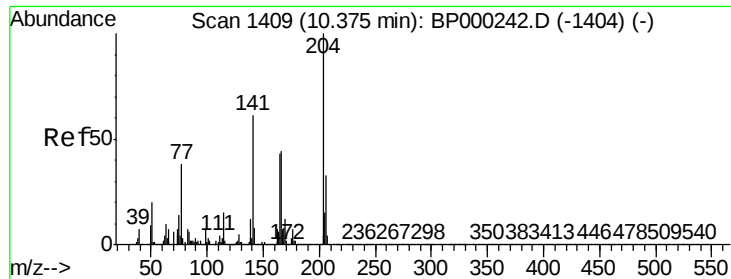
#60
Diethylphthalate
Concen: 36.150 ng
RT: 10.26 min Scan# 1390
Delta R.T. 0.01 min
Lab File: BP000463.D
Acq: 27 Sep 2019 17:32

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	635686		
177	22.9	18.1	27.1	
150	12.7	10.3	15.5	



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E





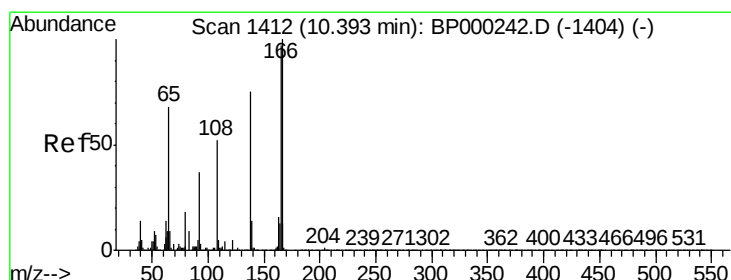
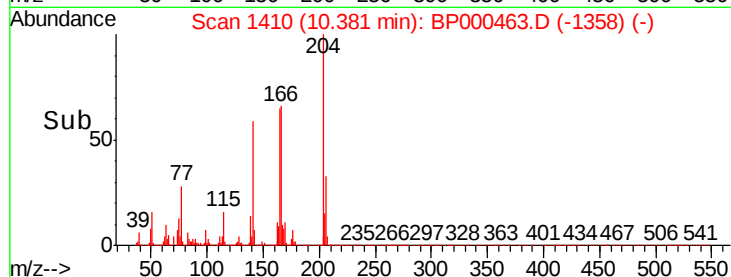
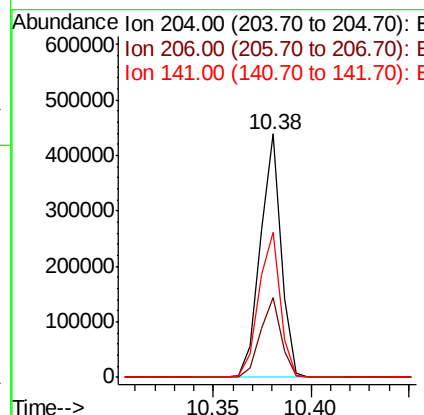
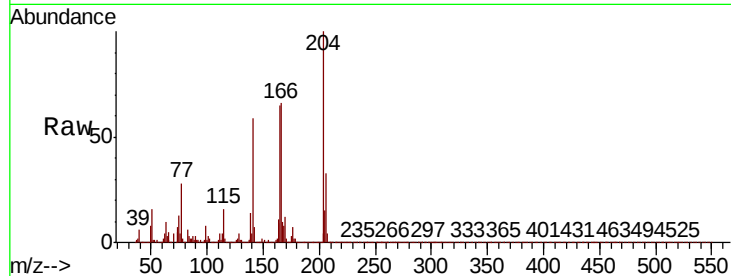
#61
4-Chlorophenyl-phenylether
Concen: 38.944 ng
RT: 10.38 min Scan# 1410
Delta R.T. 0.01 min
Lab File: BP000463.D
Acq: 27 Sep 2019 17:32

Instrument :
BNA_P
ClientSampled :
TS-2MSD

Tot Ion	Ratio	Lower	Upper
204	100		
206	32.9	26.3	39.5
141	59.4	48.6	72.8

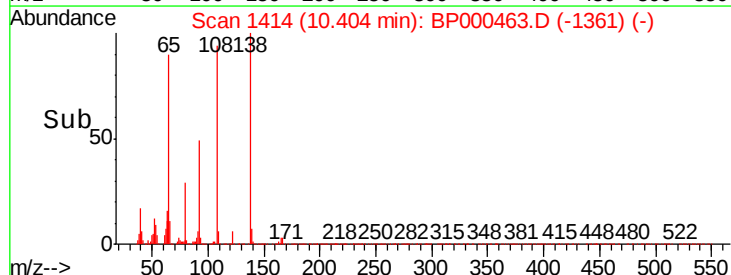
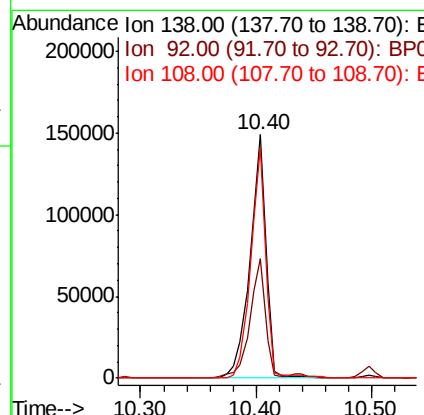
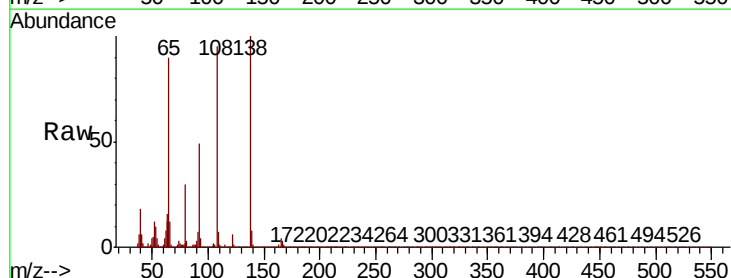
Manual Integrations
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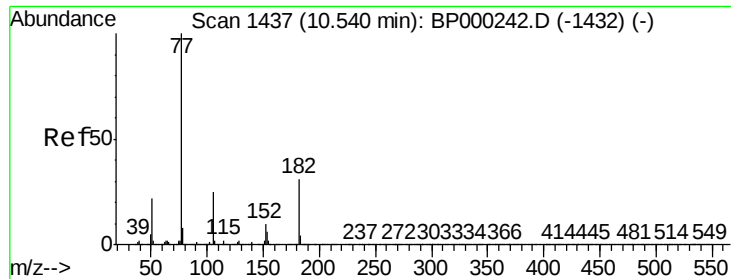
mohammad
9/30/2019 8:15:25 AM



#62
4-Nitroaniline
Concen: 31.135 ng
RT: 10.40 min Scan# 1414
Delta R.T. 0.01 min
Lab File: BP000463.D
Acq: 27 Sep 2019 17:32

Tgt Ion	Ratio	Lower	Upper
138	100		
92	48.9	30.1	70.1
108	94.5	49.5	89.5





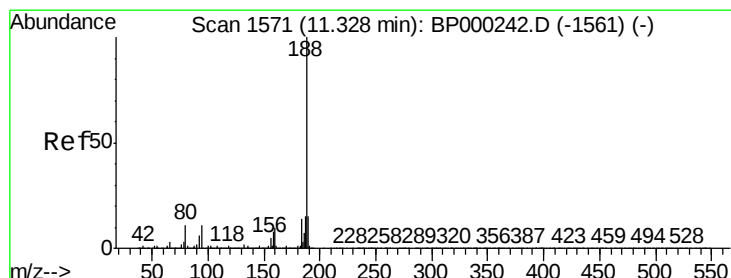
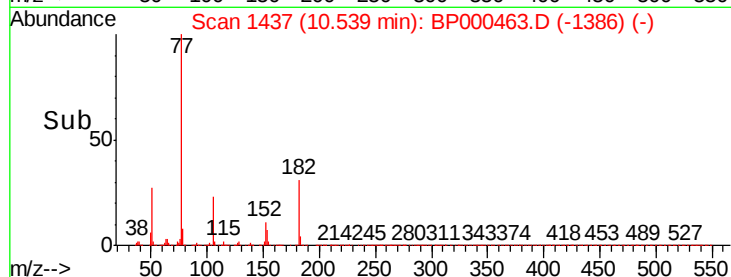
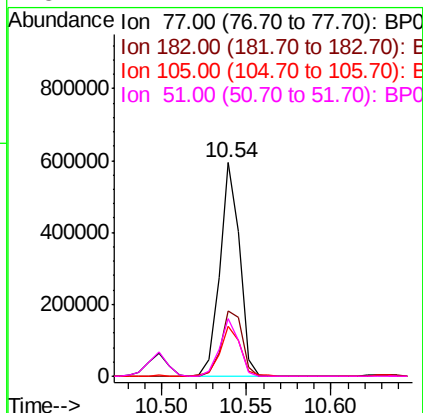
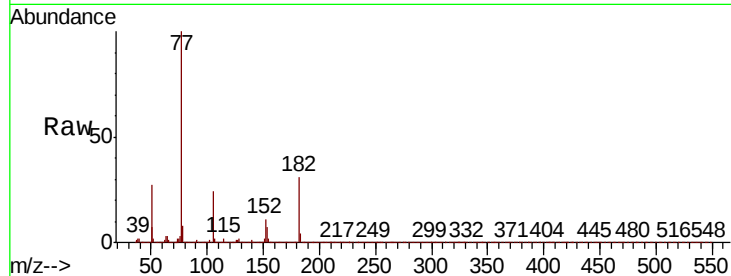
#63
Azobenzene
Concen: 32.322 ng
RT: 10.54 min Scan# 1437
Delta R.T. -0.00 min
Lab File: BP000463.D
Acq: 27 Sep 2019 17:32

Instrument :
BNA_P
ClientSampleId :
TS-2MSD

Tot Ion	Ratio	Lower	Upper
77	100		
182	30.7	11.1	51.1
105	23.6	4.7	44.7
51	27.2	2.2	42.2

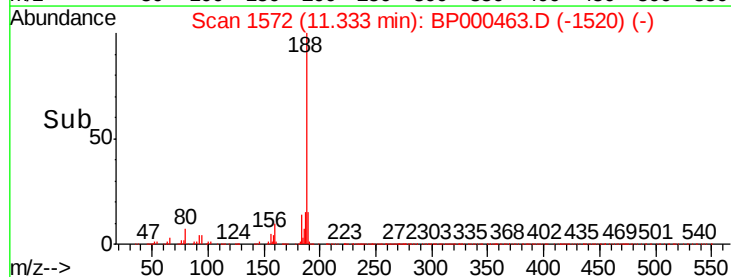
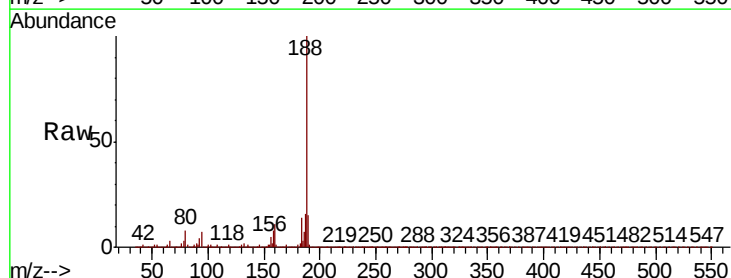
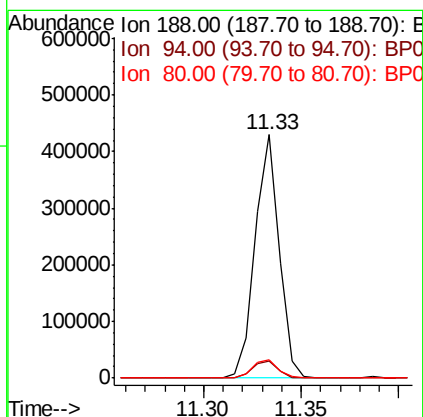
Manual Integrations
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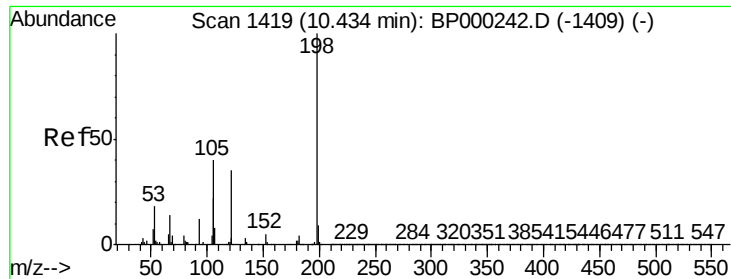
mohammad
9/30/2019 8:15:25 AM



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.33 min Scan# 1572
Delta R.T. 0.01 min
Lab File: BP000463.D
Acq: 27 Sep 2019 17:32

Tgt Ion	Ratio	Lower	Upper
188	100		
94	7.2	8.5	12.7#
80	7.8	8.6	13.0#





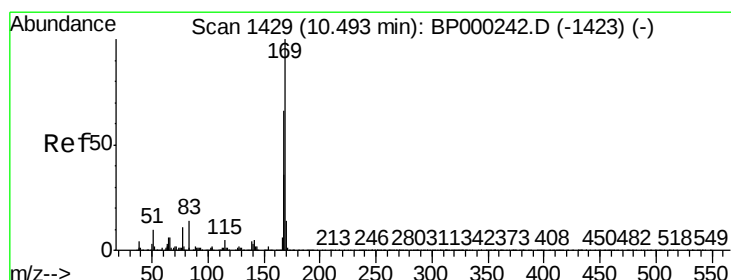
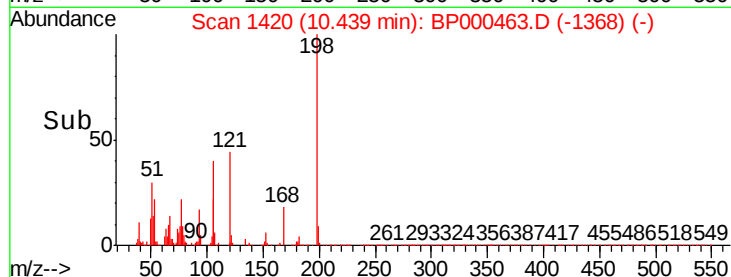
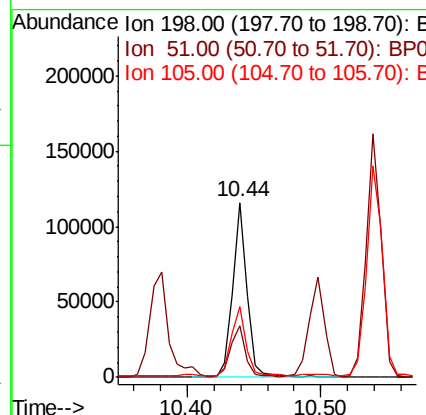
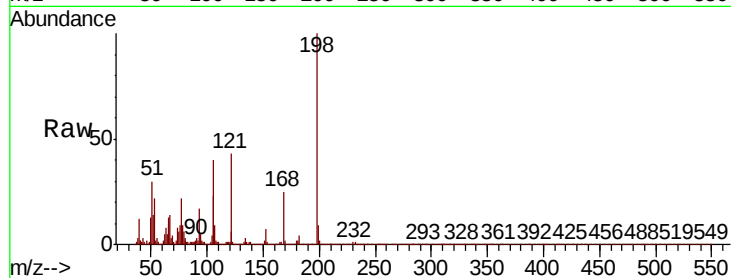
#65
4,6-Dinitro-2-methylphenol
Concen: 51.375 ng
RT: 10.44 min Scan# 1420
Delta R.T. 0.01 min
Lab File: BP000463.D
Acq: 27 Sep 2019 17:32

Instrument :
BNA_P
ClientSampleId :
TS-2MSD

Tot Ion	Ratio	Resp	Lower	Upper
198	100			
51	29.9	7.4	47.4	
105	40.4	20.2	60.2	

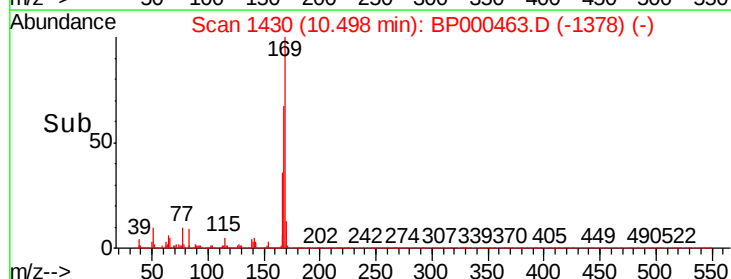
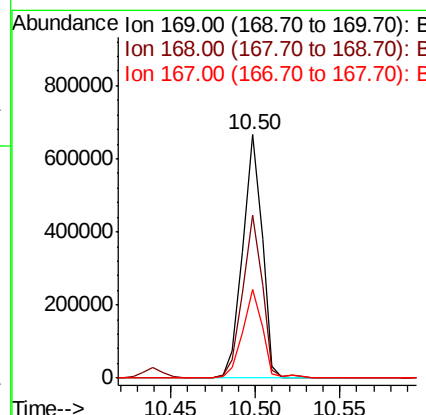
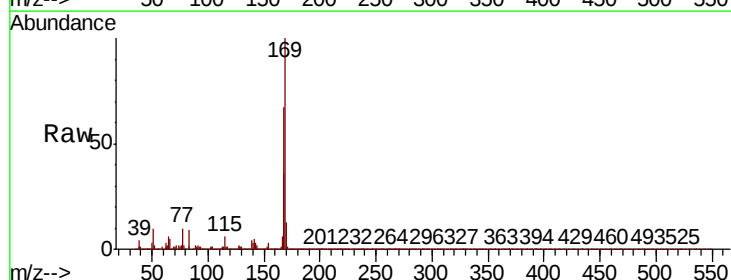
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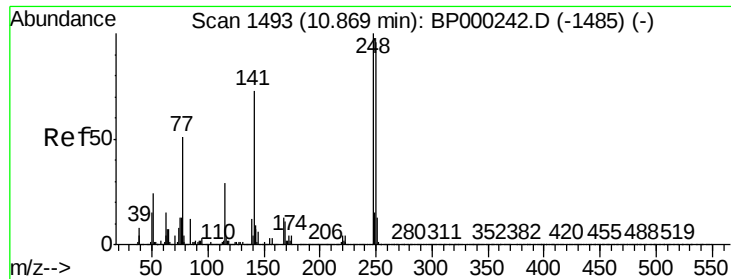
mohammad
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#66
n-Nitrosodiphenylamine
Concen: 48.351 ng
RT: 10.50 min Scan# 1430
Delta R.T. 0.01 min
Lab File: BP000463.D
Acq: 27 Sep 2019 17:32

Tgt Ion	Ratio	Resp	Lower	Upper
169	100			
168	67.0	52.9	79.3	
167	36.5	29.0	43.6	





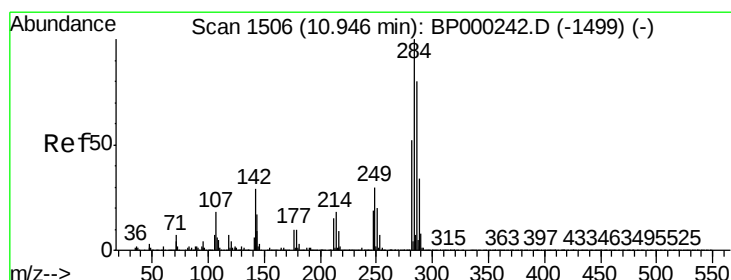
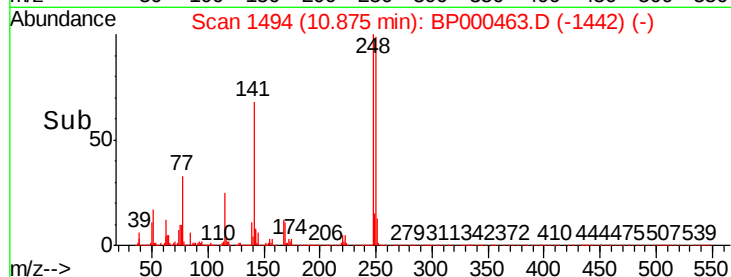
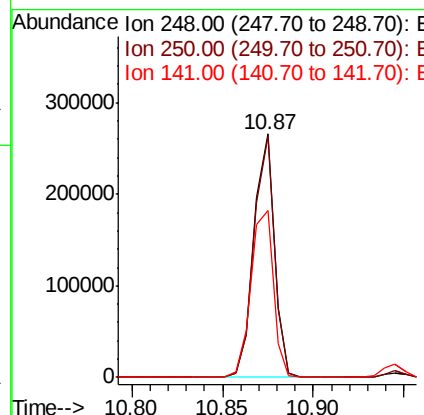
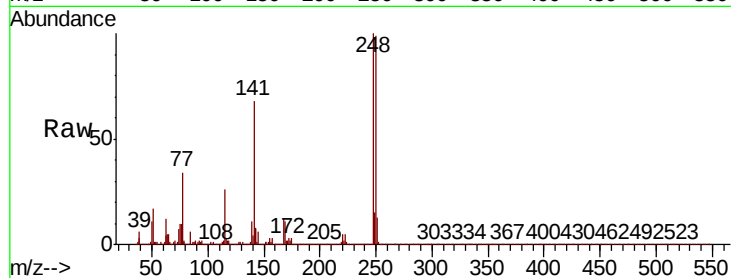
#67
4-Bromophenyl-phenylether
Concen: 50.683 ng
RT: 10.87 min Scan# 1494
Delta R.T. 0.01 min
Lab File: BP000463.D
Acq: 27 Sep 2019 17:32

Instrument :
BNA_P
ClientSampleId :
TS-2MSD

Tot Ion	Ratio	Lower	Upper
248	100		
250	99.0	77.0	115.4
141	68.3	58.5	87.7

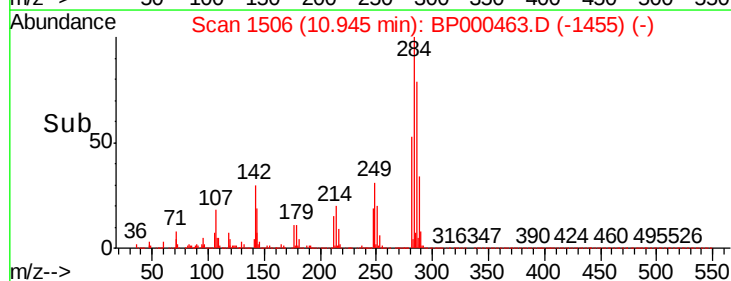
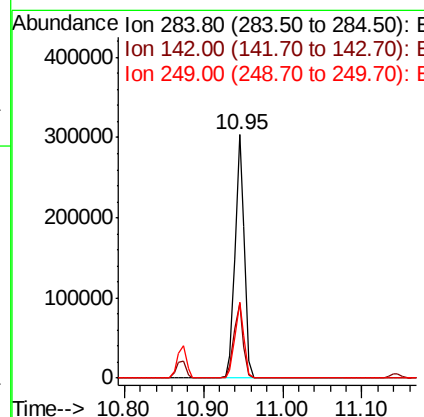
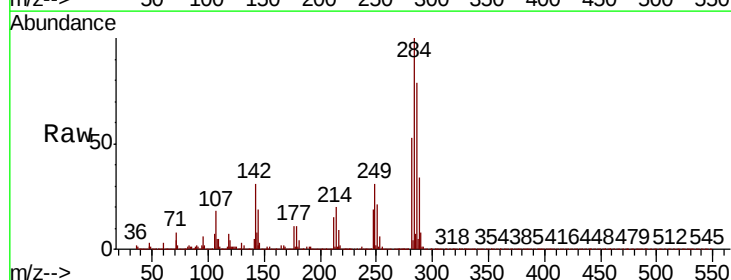
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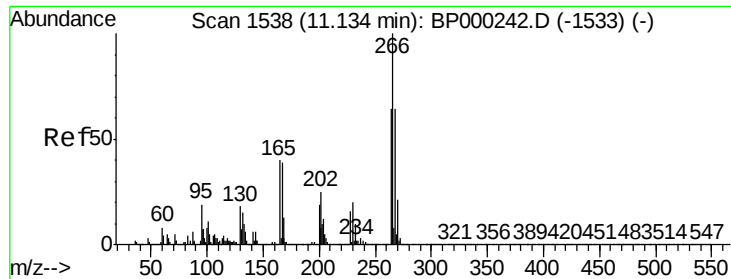
mohammad
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#68
Hexachlorobenzene
Concen: 53.967 ng
RT: 10.95 min Scan# 1506
Delta R.T. -0.00 min
Lab File: BP000463.D
Acq: 27 Sep 2019 17:32

Tgt Ion	Ratio	Lower	Upper
284	100		
142	30.6	23.6	35.4
249	31.3	24.3	36.5





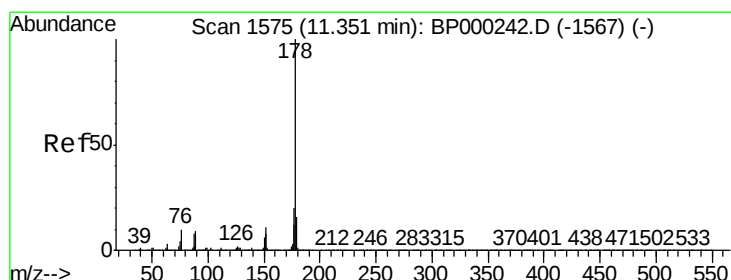
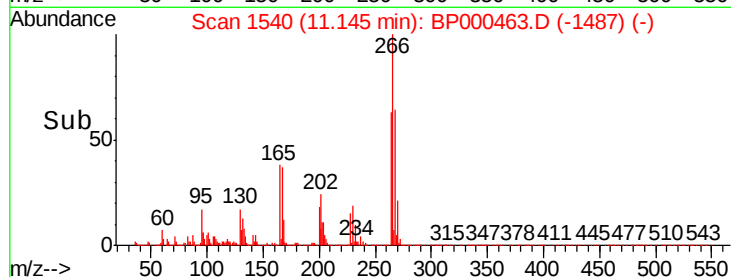
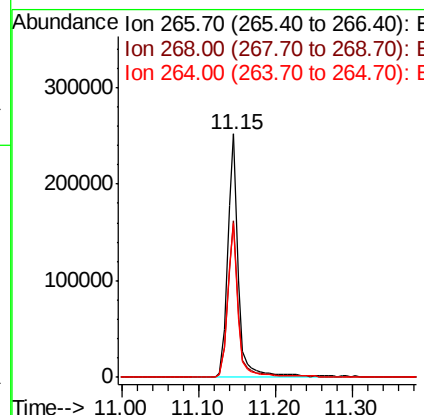
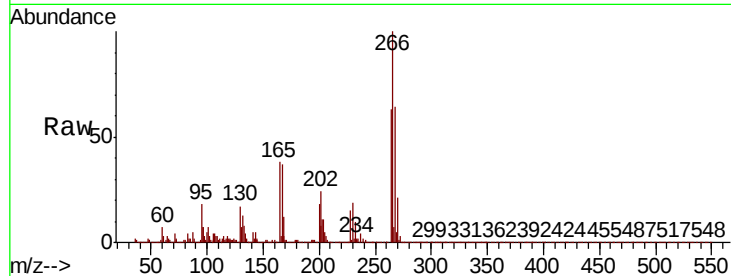
#70
 Pentachlorophenol
 Concen: 98.179 ng
 RT: 11.15 min Scan# 1540
 Delta R.T. 0.01 min
 Lab File: BP000463.D
 Acq: 27 Sep 2019 17:32

Instrument :
 BNA_P
 ClientSampleId :
 TS-2MSD

Tot Ion	Ratio	Resp	Lower	Upper
266	100	242272		
268	64.2	51.6	77.4	
264	63.2	50.8	76.2	

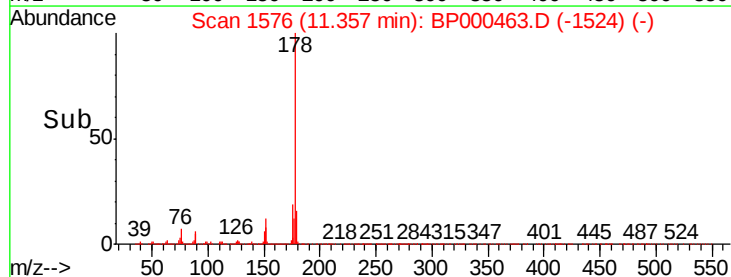
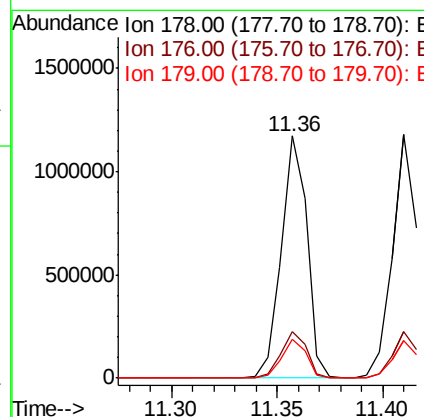
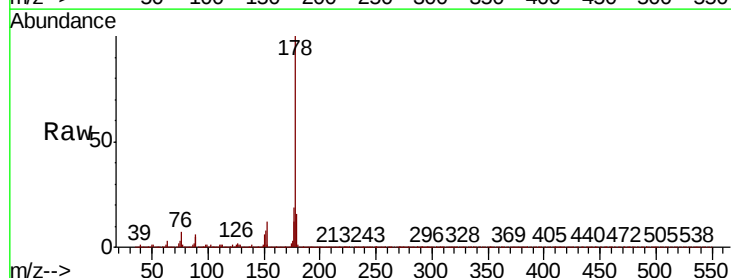
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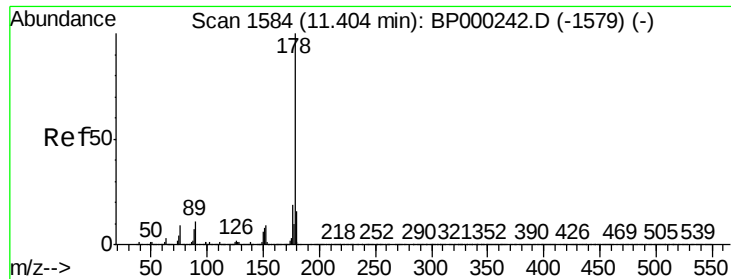
mohammad
 9/30/2019 8:15:25 AM



#71
 Phenanthrene
 Concen: 53.831 ng
 RT: 11.36 min Scan# 1576
 Delta R.T. 0.01 min
 Lab File: BP000463.D
 Acq: 27 Sep 2019 17:32

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	988659		
176	19.5	15.8	23.8	
179	15.8	12.7	19.1	





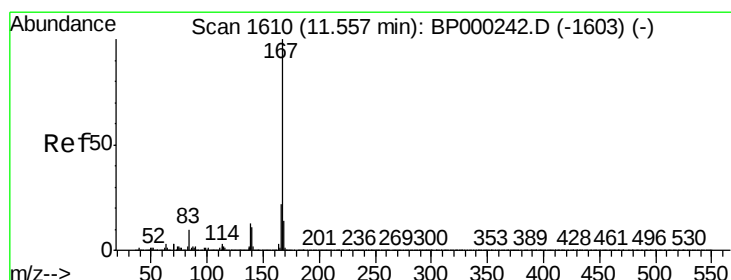
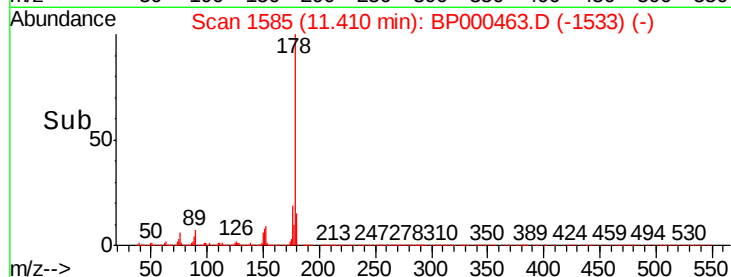
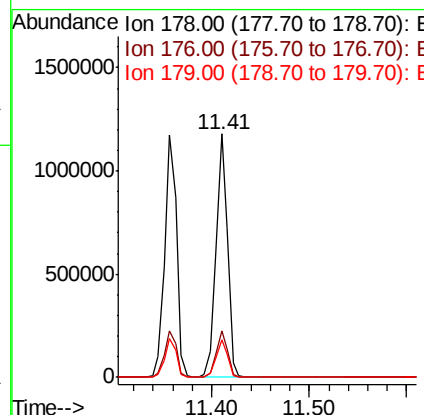
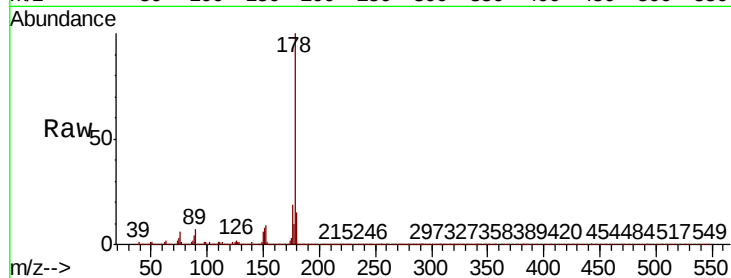
#72
 Anthracene
 Concen: 50.692 ng
 RT: 11.41 min Scan# 1585
 Delta R.T. 0.01 min
 Lab File: BP000463.D
 Acq: 27 Sep 2019 17:32

Instrument :
 BNA_P
 ClientSampleId :
 TS-2MSD

Tot Ion	Ratio	Lower	Upper
178	100		
176	18.9	15.4	23.0
179	15.4	12.7	19.1

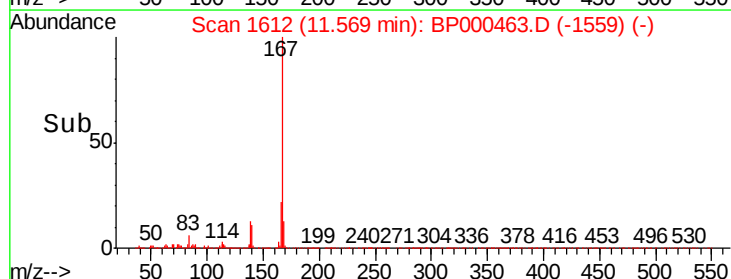
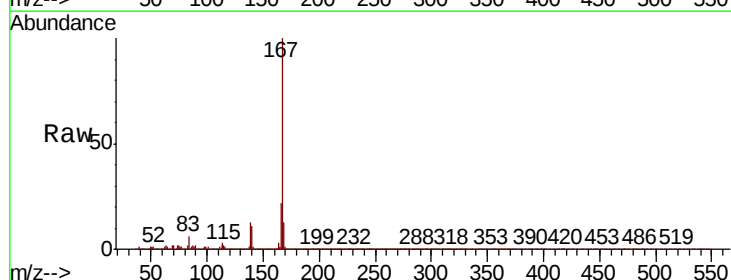
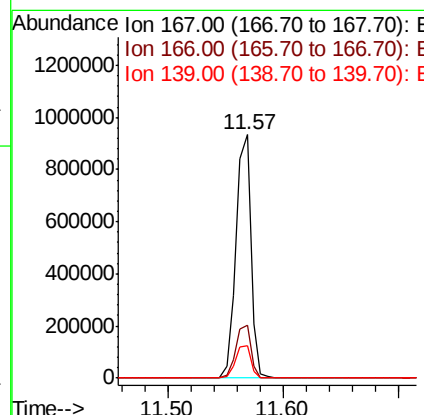
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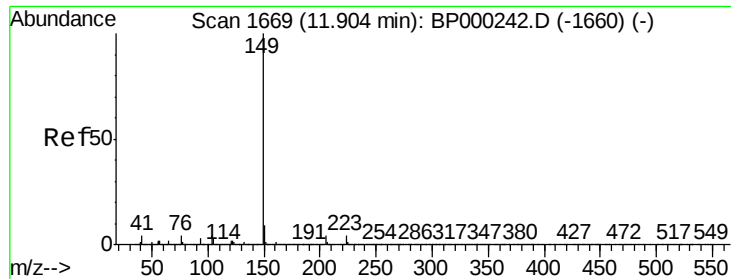
mohammad
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#73
 Carbazole
 Concen: 49.436 ng
 RT: 11.57 min Scan# 1612
 Delta R.T. 0.01 min
 Lab File: BP000463.D
 Acq: 27 Sep 2019 17:32

Tgt Ion	Ratio	Lower	Upper
167	100		
166	21.8	17.8	26.8
139	13.1	10.8	16.2





#74

Di-n-butylphthalate

Concen: 46.653 ng

RT: 11.90 min Scan# 1669

Delta R.T. -0.00 min

Lab File: BP000463.D

Acq: 27 Sep 2019 17:32

Instrument :

BNA_P

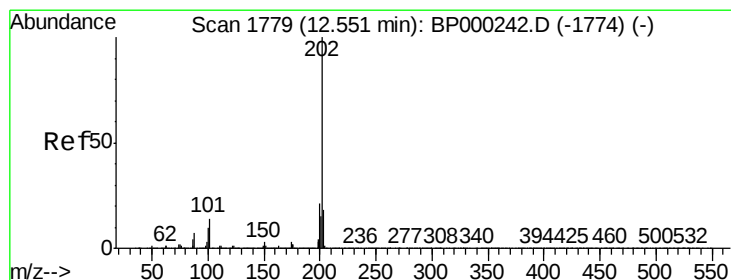
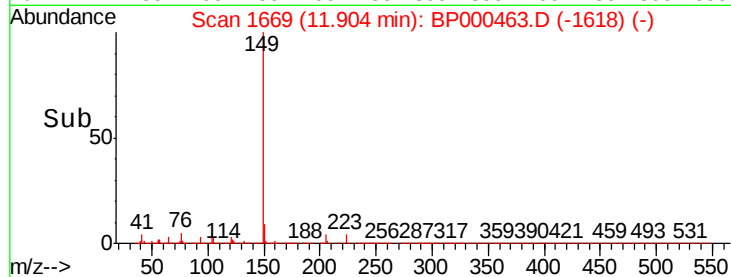
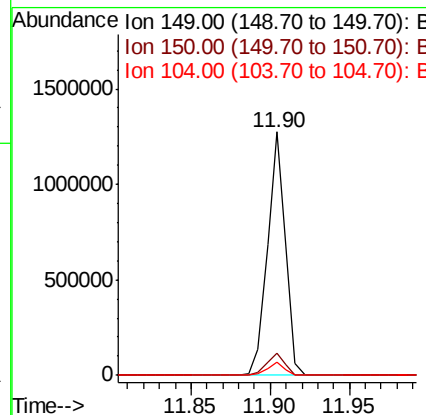
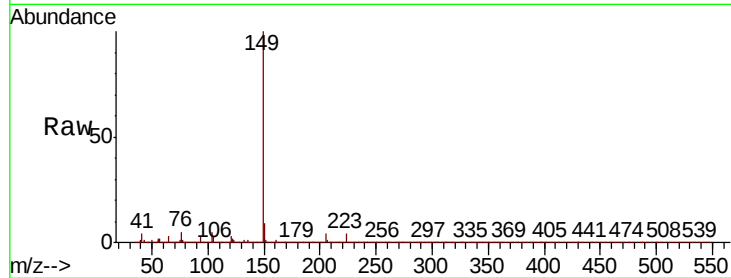
ClientSampleId :

TS-2MSD

Tot Ion:	149	Resp:	1005350
Ion	Ratio	Lower	Upper
149	100		
150	9.1	7.4	11.2
104	5.2	3.5	5.3

Manual Integrations
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#75

Fluoranthene

Concen: 61.339 ng

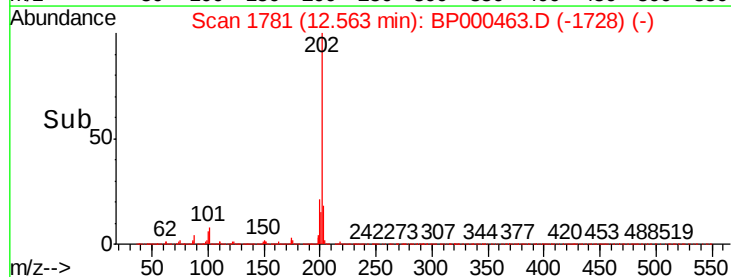
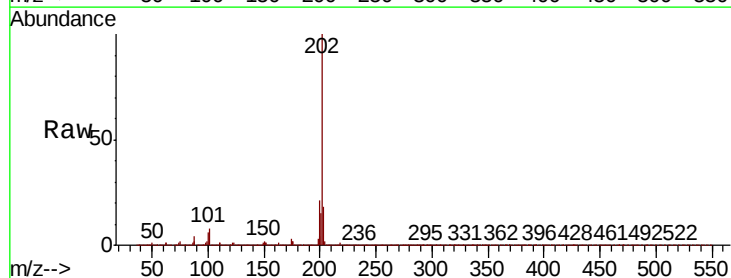
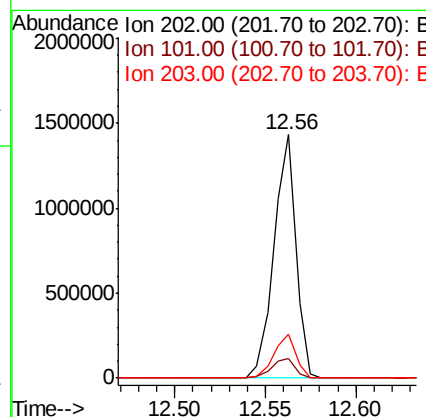
RT: 12.56 min Scan# 1781

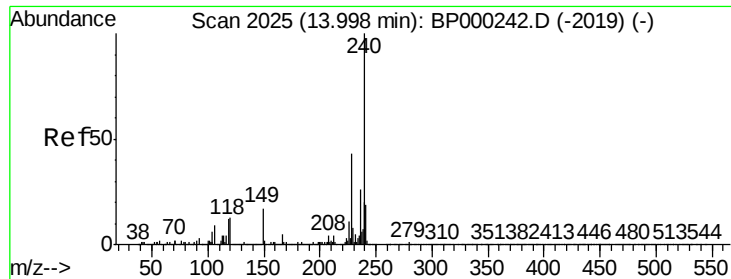
Delta R.T. 0.01 min

Lab File: BP000463.D

Acq: 27 Sep 2019 17:32

Tgt Ion:	202	Resp:	1209685
Ion	Ratio	Lower	Upper
202	100		
101	8.1	0.0	33.9
203	17.9	0.0	38.0





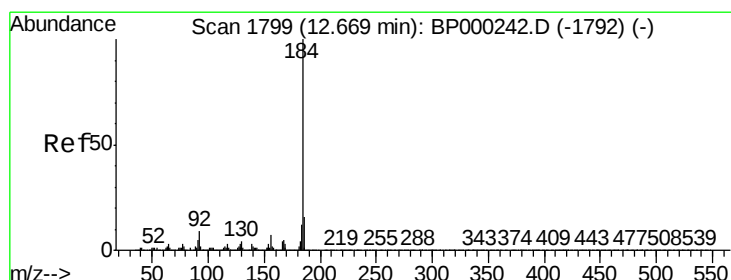
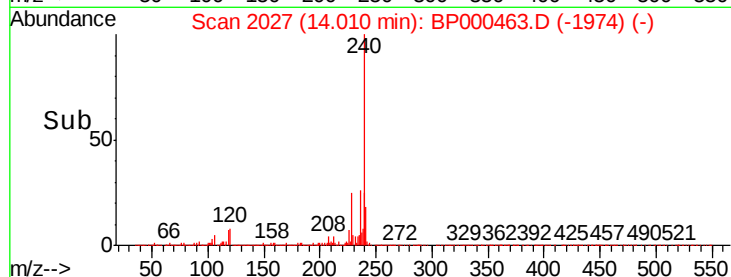
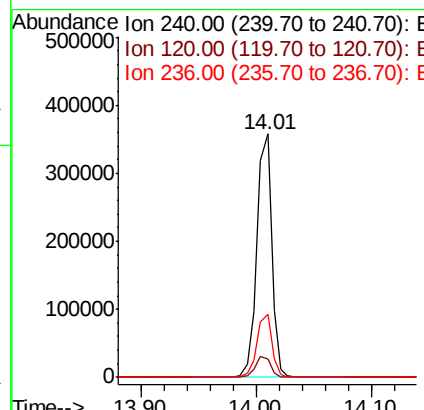
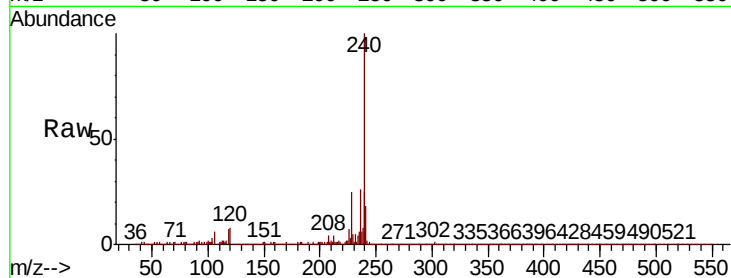
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.01 min Scan# 2027
Delta R.T. 0.01 min
Lab File: BP000463.D
Acq: 27 Sep 2019 17:32

Instrument :
BNA_P
ClientSampleId :
TS-2MSD

Tot Ion	Ratio	Lower	Upper
240	100		
120	7.7	10.4	15.6#
236	25.9	21.0	31.6

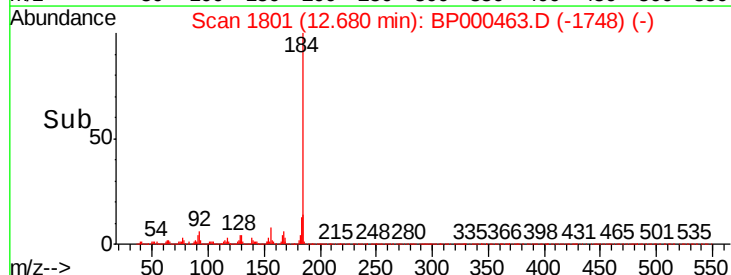
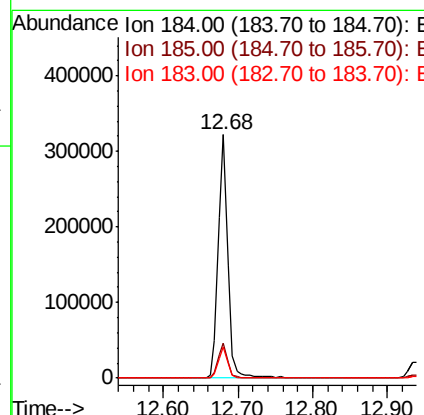
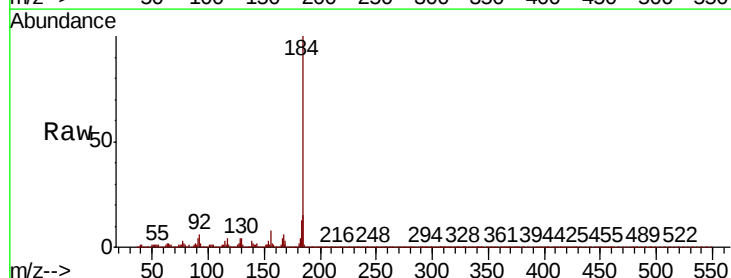
Manual Integrations
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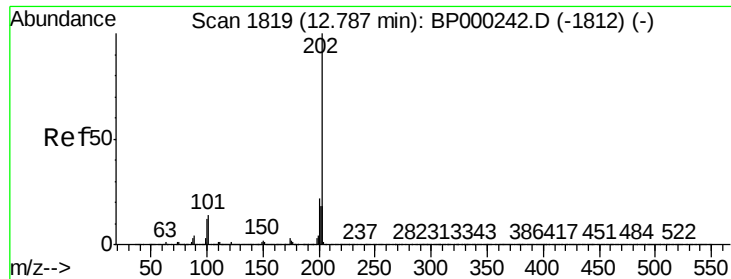
mohammad
9/30/2019 8:15:25 AM



#77
Benzidine
Concen: 24.775 ng
RT: 12.68 min Scan# 1801
Delta R.T. 0.01 min
Lab File: BP000463.D
Acq: 27 Sep 2019 17:32

Tgt Ion	Ratio	Lower	Upper
184	100		
185	14.5	12.7	19.1
183	12.6	9.5	14.3





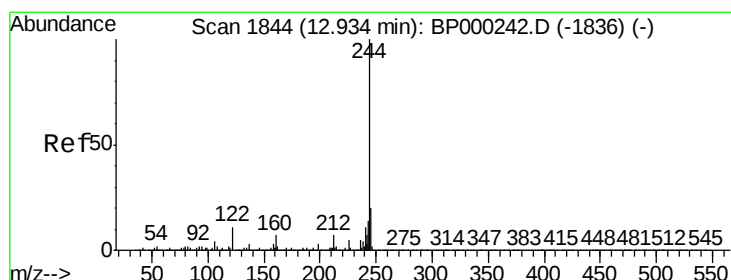
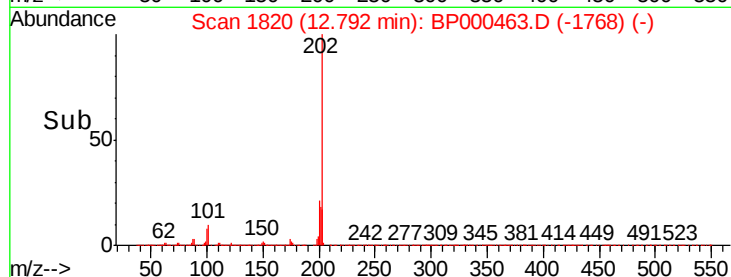
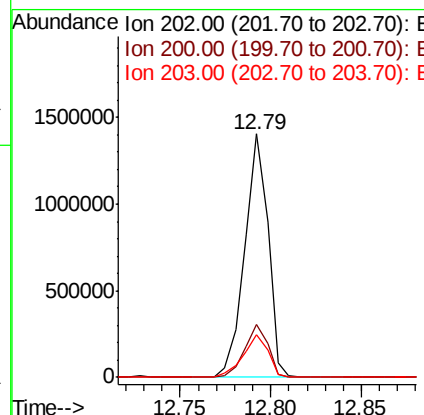
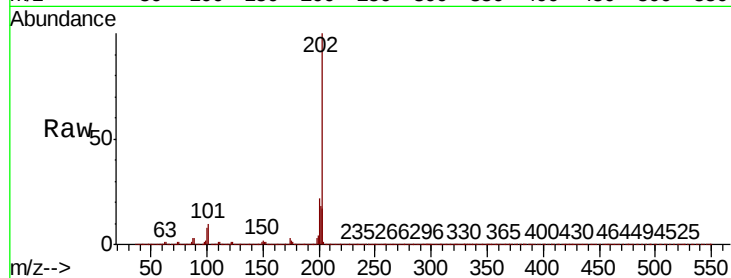
#78
Pvrene
Concen: 52.160 ng
RT: 12.79 min Scan# 1820
Delta R.T. 0.01 min
Lab File: BP000463.D
Acq: 27 Sep 2019 17:32

Instrument :
BNA_P
ClientSampleId :
TS-2MSD

Tot Ion	Ratio	Lower	Upper
202	100		
200	21.5	17.5	26.3
203	17.3	14.3	21.5

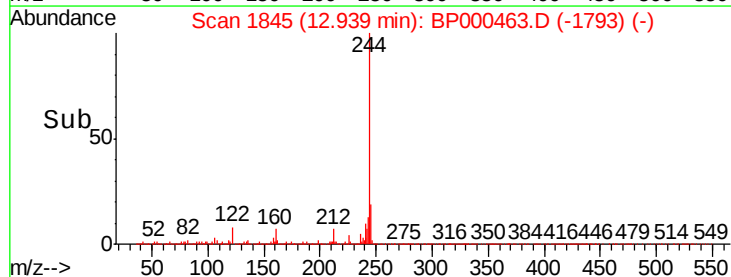
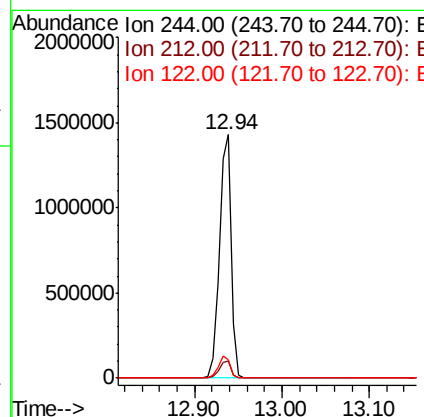
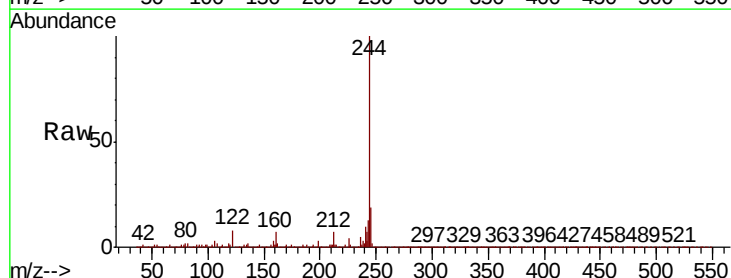
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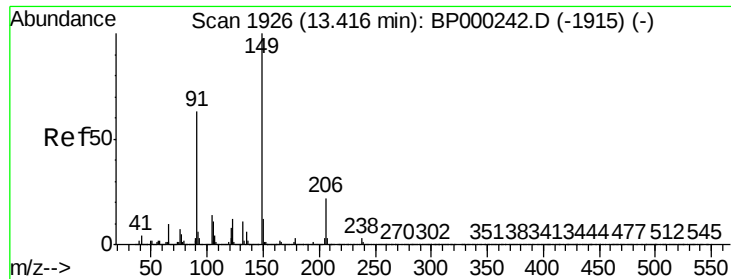
mohammad
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#79
Terphenyl-d14
Concen: 86.226 ng
RT: 12.94 min Scan# 1845
Delta R.T. 0.01 min
Lab File: BP000463.D
Acq: 27 Sep 2019 17:32

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.0	5.9	8.9
122	7.6	9.0	13.4





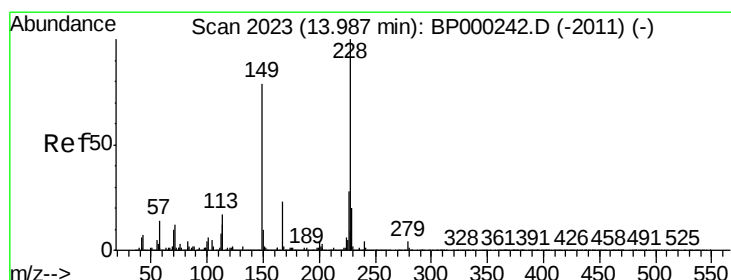
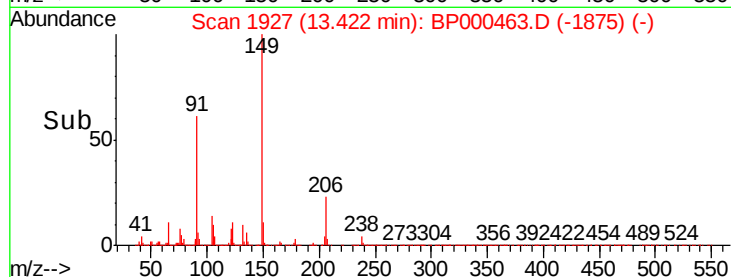
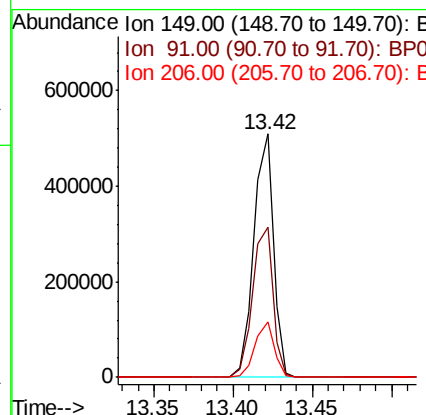
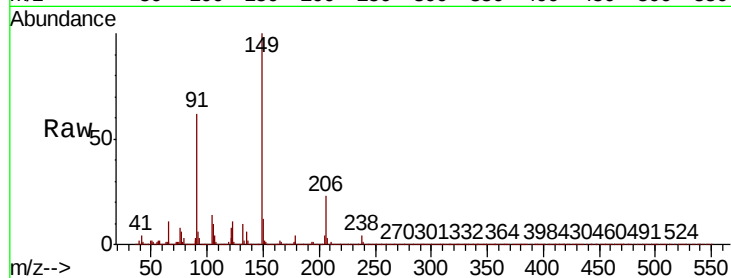
#80
Butylbenzylphthalate
Concen: 39.449 ng
RT: 13.42 min Scan# 1927
Delta R.T. 0.01 min
Lab File: BP000463.D
Acq: 27 Sep 2019 17:32

Instrument :
BNA_P
ClientSampleId :
TS-2MSD

Tot Ion	Ratio	Lower	Upper
149	100		
91	61.6	50.6	76.0
206	23.0	17.8	26.6

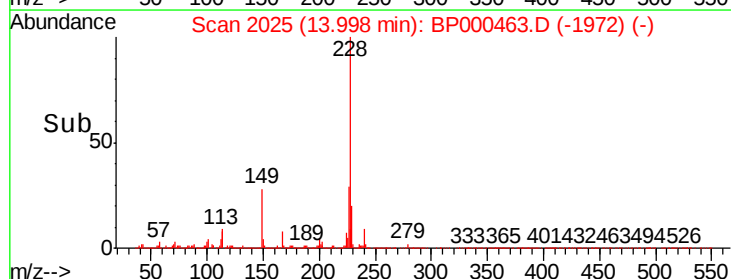
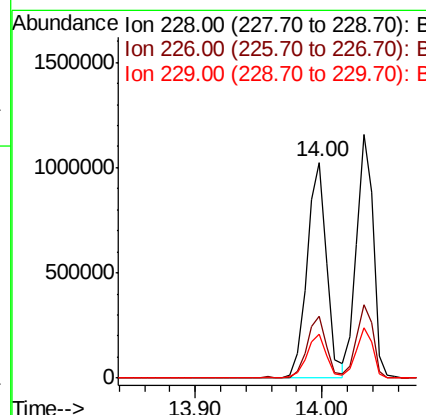
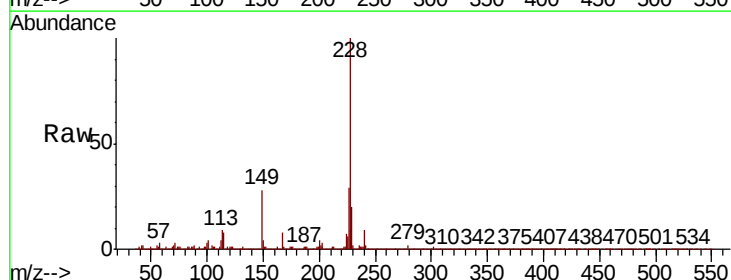
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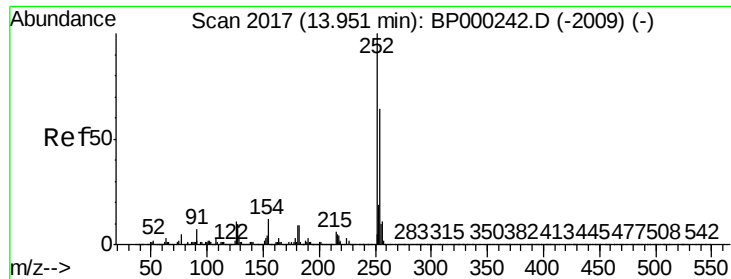
mohammad
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#81
Benzo(a)anthracene
Concen: 54.076 ng
RT: 14.00 min Scan# 2025
Delta R.T. 0.01 min
Lab File: BP000463.D
Acq: 27 Sep 2019 17:32

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.6	22.2	33.4
229	20.1	16.0	24.0





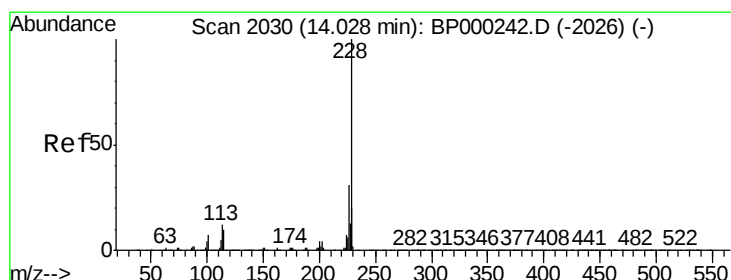
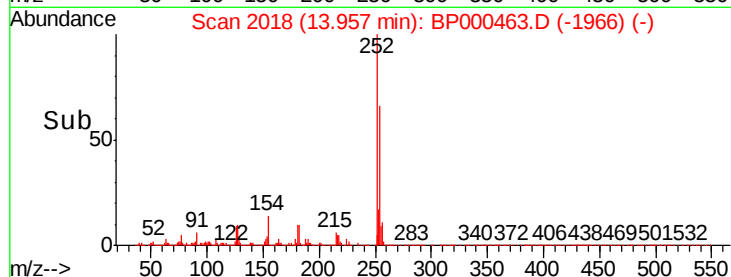
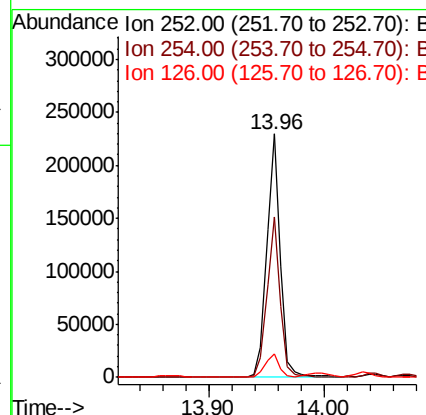
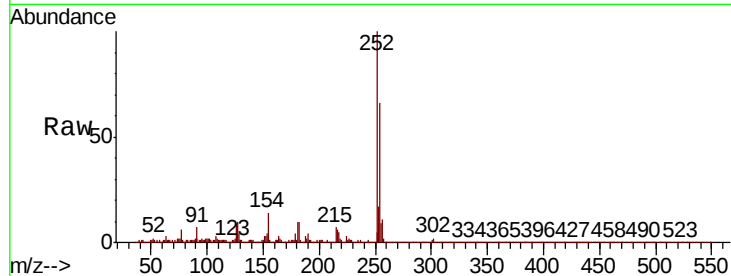
#82
 3,3'-Dichlorobenzidine
 Concen: 23.002 ng
 RT: 13.96 min Scan# 2018
 Delta R.T. 0.01 min
 Lab File: BP000463.D
 Acq: 27 Sep 2019 17:32

Instrument :
 BNA_P
 ClientSampleId :
 TS-2MSD

Tot Ion	Ratio	Resp	Lower	Upper
252	100	188304		
254	66.1	51.5	77.3	
126	9.5	8.4	12.6	

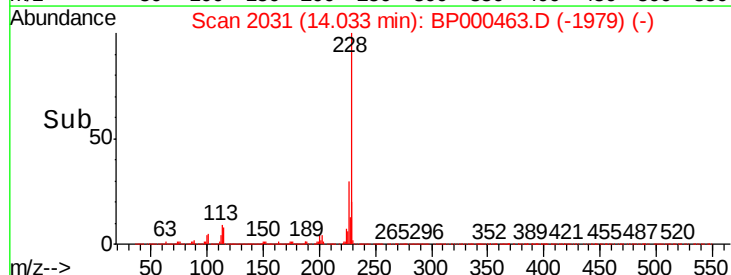
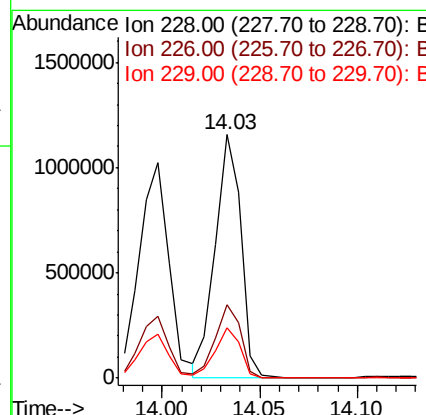
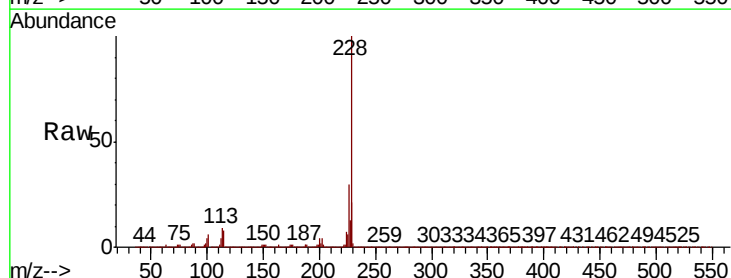
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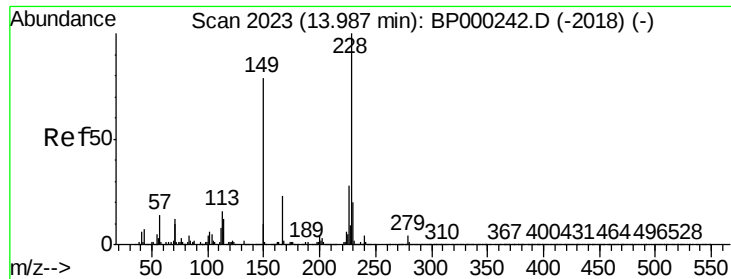
mohammad
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#83
 Chrysene
 Concen: 52.824 ng
 RT: 14.03 min Scan# 2031
 Delta R.T. 0.01 min
 Lab File: BP000463.D
 Acq: 27 Sep 2019 17:32

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	1056471		
226	30.3	24.9	37.3	
229	20.5	16.2	24.2	





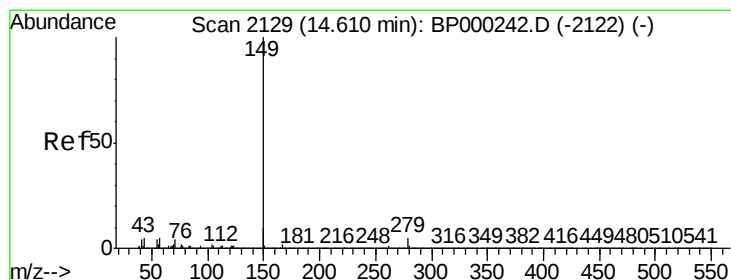
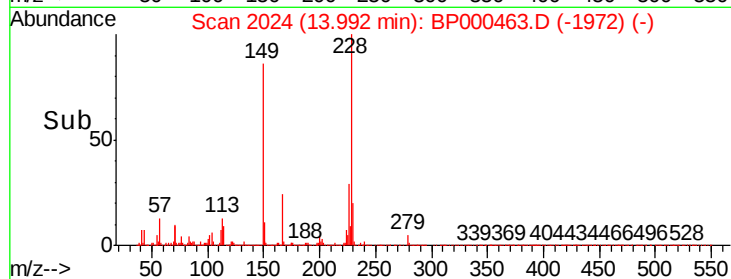
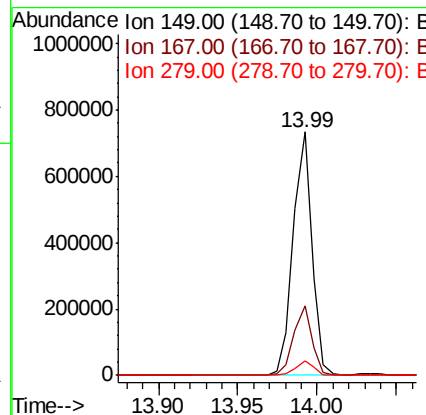
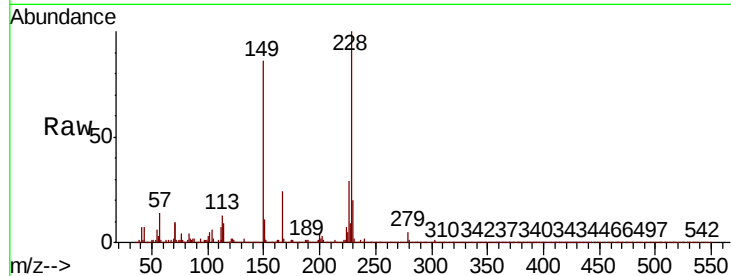
#84
 Bis(2-ethylhexyl)phthalate
 Concen: 45.194 ng
 RT: 13.99 min Scan# 2024
 Delta R.T. 0.01 min
 Lab File: BP000463.D
 Acq: 27 Sep 2019 17:32

Instrument :
 BNA_P
 ClientSampled :
 TS-2MSD

Tot Ion	Ratio	Lower	Upper
149	100		
167	28.3	23.0	34.4
279	5.7	3.7	5.5#

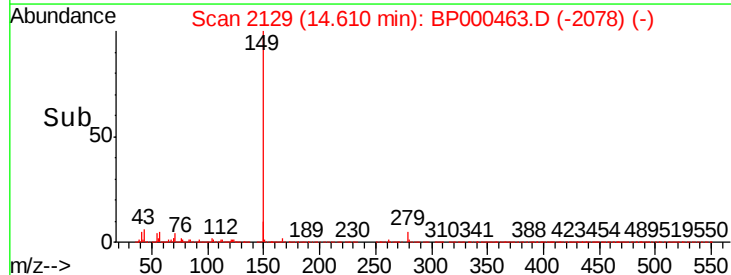
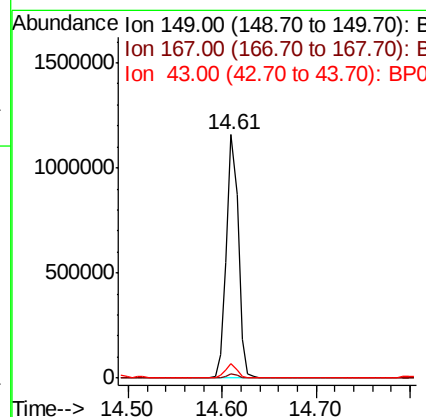
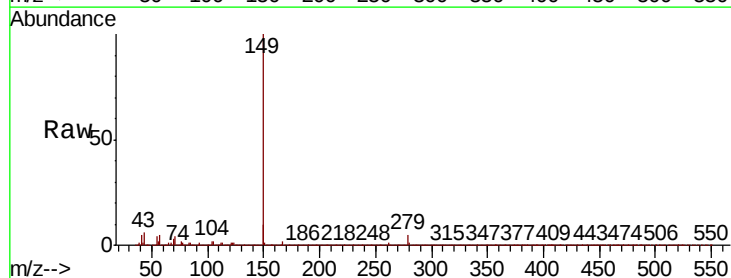
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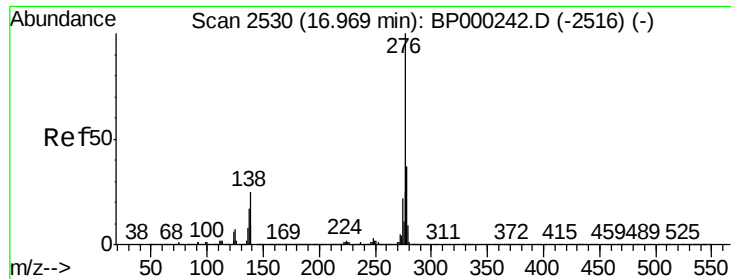
mohammad
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#85
 Di-n-octyl phthalate
 Concen: 41.821 ng
 RT: 14.61 min Scan# 2129
 Delta R.T. -0.00 min
 Lab File: BP000463.D
 Acq: 27 Sep 2019 17:32

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.4	2.0
43	5.5	5.0	7.6





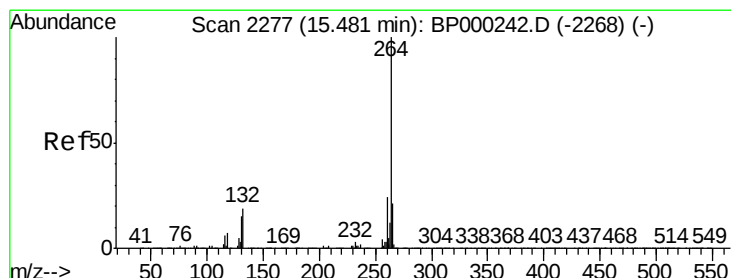
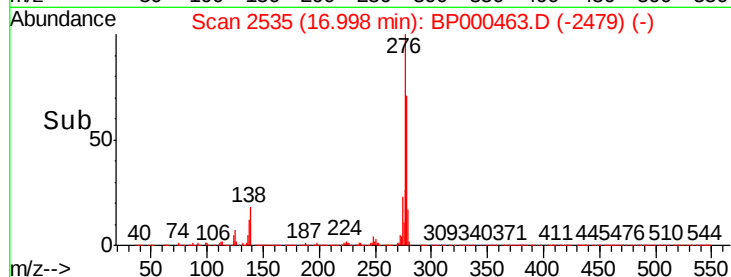
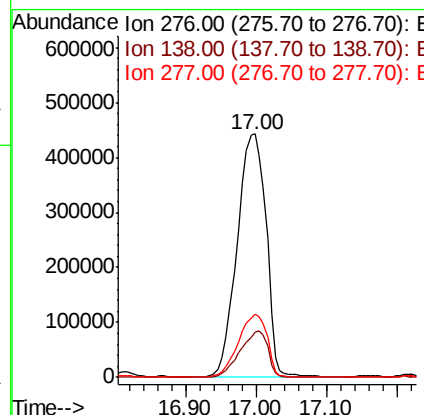
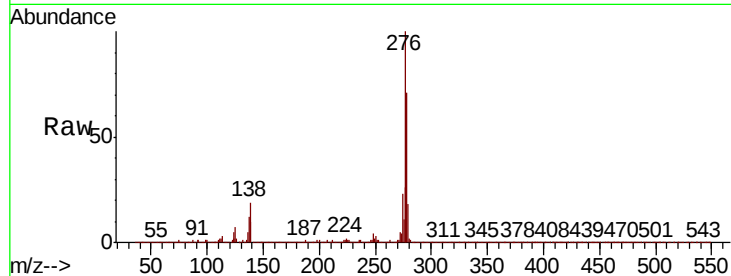
#86
Indeno(1,2,3-cd)pyrene
Concen: 51.562 ng
RT: 17.00 min Scan# 2535
Delta R.T. 0.03 min
Lab File: BP000463.D
Acq: 27 Sep 2019 17:32

Instrument :
BNA_P
ClientSampleID :
TS-2MSD

Tot Ion	Ratio	Lower	Upper
276	100		
138	18.2	22.6	33.8#
277	25.8	20.4	30.6

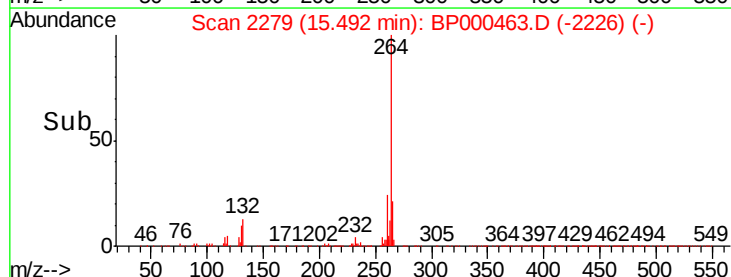
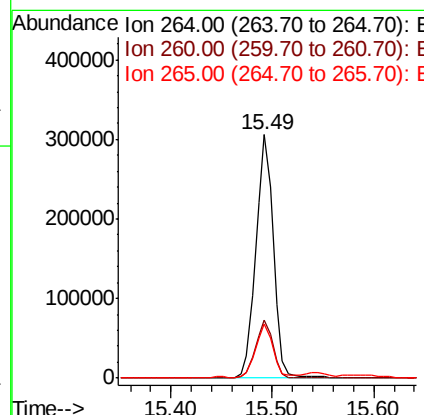
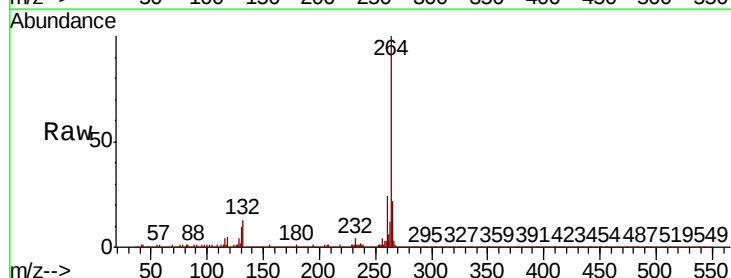
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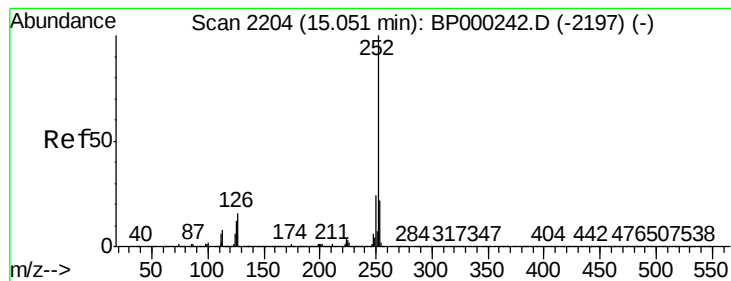
mohammad
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#87
Perylene-d12
Concen: 20.000 ng
RT: 15.49 min Scan# 2279
Delta R.T. 0.01 min
Lab File: BP000463.D
Acq: 27 Sep 2019 17:32

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.7	18.9	28.3
265	22.0	17.2	25.8





#88

Benzo(b)fluoranthene

Concen: 59.252 ng

RT: 15.06 min Scan# 2206

Delta R.T. 0.01 min

Lab File: BP000463.D

Acq: 27 Sep 2019 17:32

Instrument :

BNA_P

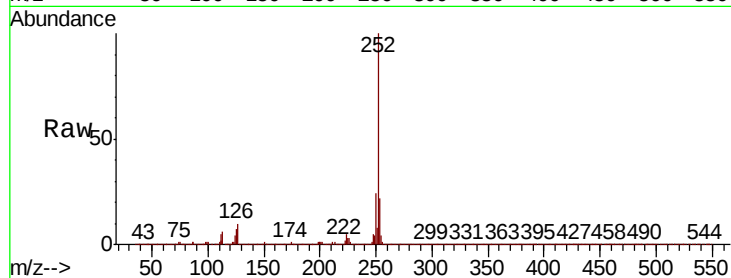
ClientSampled :

TS-2MSD

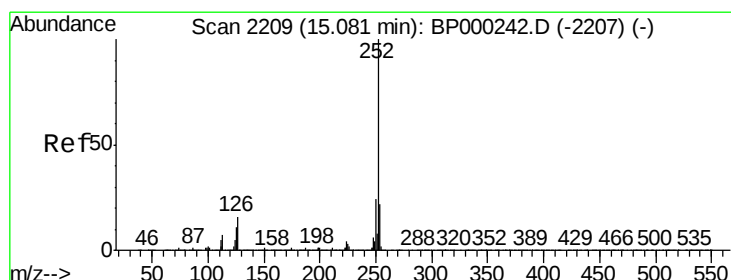
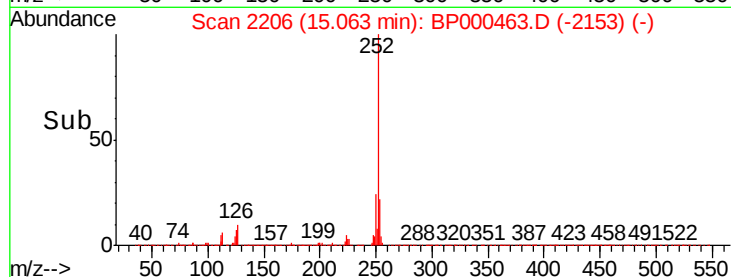
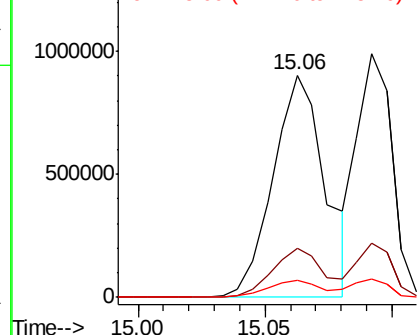
Tot Ion:	252	Resp:	1292951
Ion Ratio	Lower	Upper	
252	100		
253	21.9	17.8	26.6
125	7.5	9.5	14.3#

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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: 50.391 ng m

RT: 15.09 min Scan# 2211

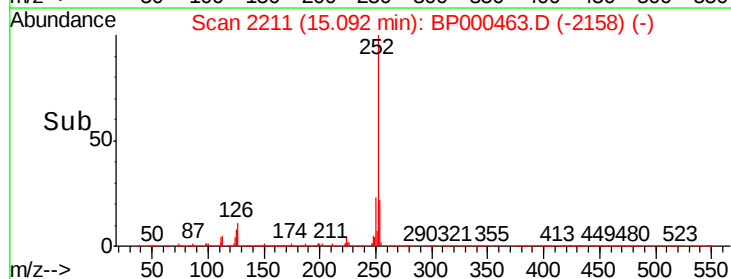
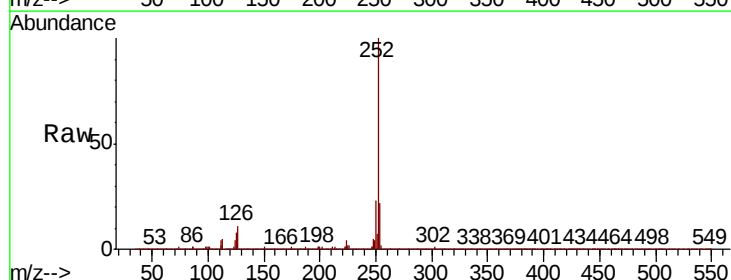
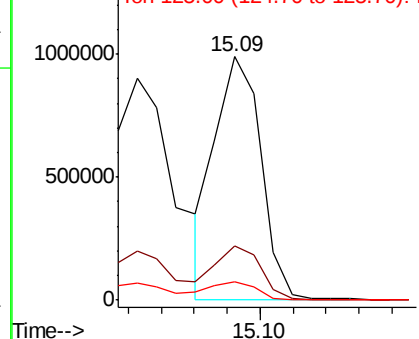
Delta R.T. 0.01 min

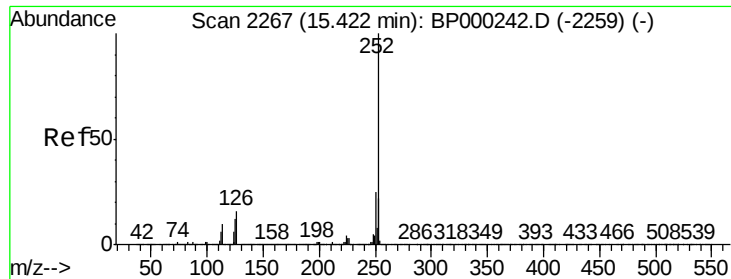
Lab File: BP000463.D

Acq: 27 Sep 2019 17:32

Tgt Ion:	252	Resp:	959171
Ion Ratio	Lower	Upper	
252	100		
253	22.0	17.8	26.8
125	7.8	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





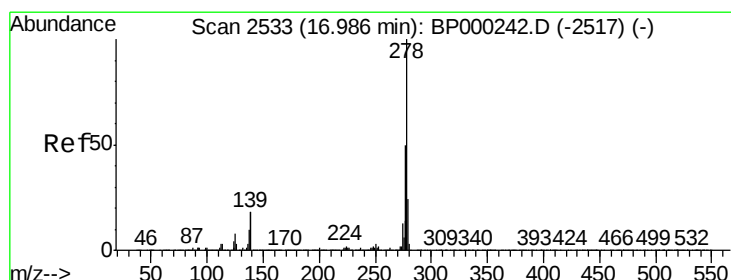
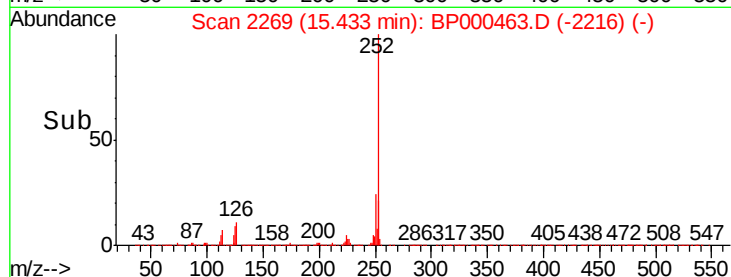
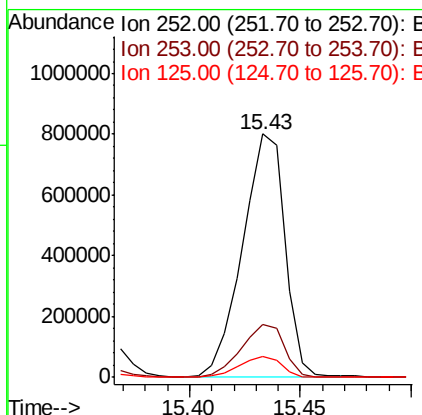
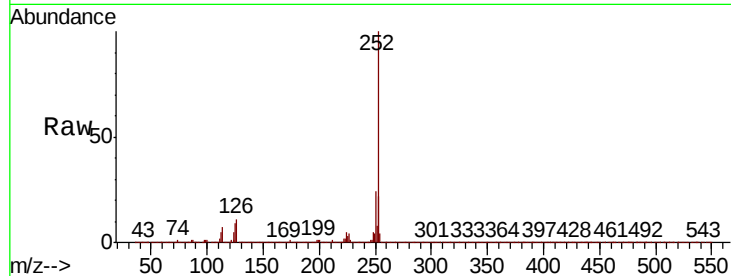
#90
Benzo(a)pyrene
Concen: 53.654 ng m
RT: 15.43 min Scan# 2269
Delta R.T. 0.01 min
Lab File: BP000463.D
Acq: 27 Sep 2019 17:32

Instrument :
BNA_P
ClientSampled :
TS-2MSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.5	17.7	26.5
125	8.7	10.0	15.0

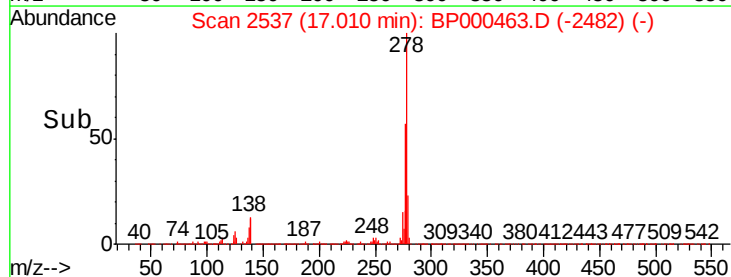
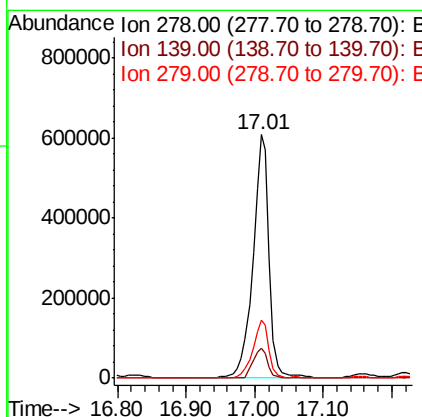
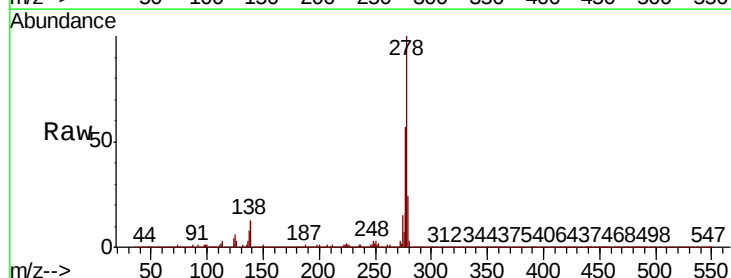
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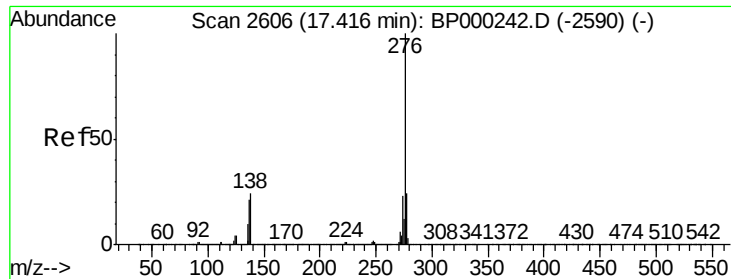
mohammad
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#91
Dibenzo(a,h)anthracene
Concen: 53.698 ng
RT: 17.01 min Scan# 2537
Delta R.T. 0.02 min
Lab File: BP000463.D
Acq: 27 Sep 2019 17:32

Tgt Ion	Ratio	Lower	Upper
278	100		
139	12.3	14.5	21.7
279	23.6	19.0	28.6





#92
 Benzo(a,h,i)perylene
 Concen: 55.758 ng
 RT: 17.45 min Scan# 2612
 Delta R.T. 0.03 min
 Lab File: BP000463.D
 Acq: 27 Sep 2019 17:32

Instrument :
 BNA_P
 ClientSampleId :
 TS-2MSD

Tot Ion	Ratio	Lower	Upper
276	100		
277	24.0	19.1	28.7
138	15.3	19.5	29.3

Manual Integrations
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