

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP092319\
 Data File : BP000368.D
 Acq On : 23 Sep 2019 18:15
 Operator : HP/JU
 Sample : PB123244BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB123244BS

Manual Integrations
 APPROVED

mohammad
 9/24/2019 2:38:40 PM

Quant Time: Sep 24 13:36:17 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	220879	20.00	ng	0.00
21) Naphthalene-d8	8.08	136	819409	20.00	ng	0.00
39) Acenaphthene-d10	9.83	164	453367	20.00	ng	0.00
64) Phenanthrene-d10	11.33	188	864961	20.00	ng	0.00
76) Chrysene-d12	14.00	240	690896	20.00	ng	0.00
87) Perylene-d12	15.47	264	851565	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.42	112	1075180	84.03	ng	0.01
7) Phenol-d6	6.43	99	1358001	86.59	ng	0.00
23) Nitrobenzene-d5	7.35	82	1104437	86.96	ng	0.00
42) 2,4,6-Tribromophenol	10.63	330	478643	106.44	ng	0.00
45) 2-Fluorobiphenyl	9.15	172	2396671	95.14	ng	0.00
79) Terphenyl-d14	12.93	244	3026431	91.89	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.55	88	275734	47.757	ng	99
3) Pyridine	3.29	79	529603	34.073	ng	99
4) n-Nitrosodimethylamine	3.23	42	187577	42.798	ng	100
6) Aniline	6.45	93	604406	27.951	ng	96
8) 2-Chlorophenol	6.58	128	574422	41.693	ng	98
9) Benzaldehyde	6.34	77	365864	43.865	ng	94
10) Phenol	6.44	94	677764	38.036	ng	88
11) bis(2-Chloroethyl)ether	6.52	93	512338	37.547	ng	99
12) 1,3-Dichlorobenzene	6.73	146	638130	38.597	ng	99
13) 1,4-Dichlorobenzene	6.81	146	643314	39.108	ng	97
14) 1,2-Dichlorobenzene	6.96	146	597675	39.664	ng	100
15) Benzyl Alcohol	6.93	79	467742	40.982	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.07	45	452877	35.007	ng	96
17) 2-Methylphenol	7.05	107	472481	40.040	ng	98
18) Hexachloroethane	7.30	117	233433	38.347	ng	94
19) n-Nitroso-di-n-propylamine	7.20	70	316100	38.121	ng	99
20) 3+4-Methylphenols	7.20	107	575317	40.318	ng	95
22) Acetophenone	7.19	105	767578	43.226	ng	# 98
24) Nitrobenzene	7.37	77	541158	41.024	ng	99
25) Isophorone	7.61	82	1013164	40.288	ng	98
26) 2-Nitrophenol	7.69	139	306508	43.829	ng	97
27) 2,4-Dimethylphenol	7.73	122	507926	45.597	ng	99
28) bis(2-Chloroethoxy)methane	7.82	93	663173	39.649	ng	99
29) 2,4-Dichlorophenol	7.93	162	527080	44.148	ng	98
30) 1,2,4-Trichlorobenzene	8.02	180	580904	42.450	ng	100
31) Naphthalene	8.09	128	1638923	43.187	ng	99
32) Benzoic acid	7.83	122	244460	32.502	ng	99
33) 4-Chloroaniline	8.14	127	385207	22.429	ng	99
34) Hexachlorobutadiene	8.22	225	347467	42.854	ng	99
35) Caprolactam	8.50	113	168861m	41.578	ng	
36) 4-Chloro-3-methylphenol	8.63	107	525801	43.384	ng	98
37) 2-Methylnaphthalene	8.79	142	1129716	43.547	ng	99
38) 1-Methylnaphthalene	8.89	142	1054151	43.378	ng	99
40) 1,2,4,5-Tetrachlorobenzene	8.96	216	578009	44.591	ng	99

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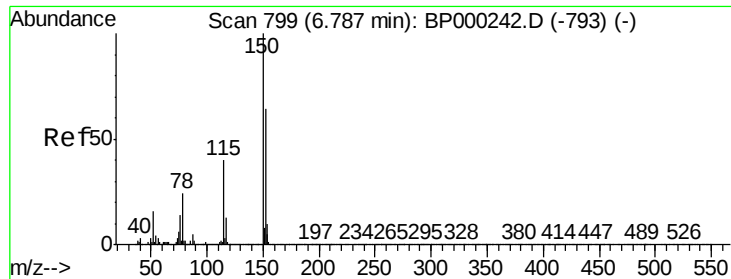
Manual Integrations
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mohammad
 9/24/2019 2:38:40 PM

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 Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP091619.M
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.95	237	628772	84.472	nq	99
43) 2,4,6-Trichlorophenol	9.07	196	388695	43.335	nq	99
44) 2,4,5-Trichlorophenol	9.11	196	419793	45.707	nq	98
46) 1,1'-Biphenyl	9.25	154	1407493	44.877	nq	99
47) 2-Chloronaphthalene	9.28	162	1121825	42.640	nq	100
48) 2-Nitroaniline	9.37	65	269482	40.335	nq	98
49) Acenaphthylene	9.69	152	1756854	44.424	nq	100
50) Dimethylphthalate	9.55	163	1359589	44.016	nq	100
51) 2,6-Dinitrotoluene	9.62	165	311772	45.905	nq #	84
52) Acenaphthene	9.87	154	1040183	41.680	nq	99
53) 3-Nitroaniline	9.78	138	208957	26.506	nq	94
54) 2,4-Dinitrophenol	9.89	184	259554	86.502	nq	98
55) Dibenzofuran	10.04	168	1616115	45.808	nq	99
56) 4-Nitrophenol	9.95	139	473193	80.703	nq	94
57) 2,4-Dinitrotoluene	10.02	165	423491	47.697	nq	97
58) Fluorene	10.39	166	1212550	44.497	nq	99
59) 2,3,4,6-Tetrachlorophenol	10.16	232	361250	47.800	nq	98
60) Diethylphthalate	10.26	149	1315256	44.264	nq	99
61) 4-Chlorophenyl-phenylether	10.37	204	649451	46.430	nq	100
62) 4-Nitroaniline	10.40	138	324189	41.809	nq	94
63) Azobenzene	10.54	77	1085779	43.131	nq	98
65) 4,6-Dinitro-2-methylphenol	10.43	198	186223	45.788	nq	95
66) n-Nitrosodiphenylamine	10.50	169	1129265	43.369	nq	99
67) 4-Bromophenyl-phenylether	10.87	248	428644	43.824	nq	97
68) Hexachlorobenzene	10.95	284	457840	42.816	nq	99
70) Pentachlorophenol	11.14	266	493395	84.720	nq	98
71) Phenanthrene	11.35	178	1915901	44.201	nq	100
72) Anthracene	11.40	178	1925591	43.159	nq	100
73) Carbazole	11.56	167	1787070	44.477	nq	100
74) Di-n-butylphthalate	11.90	149	2163641	42.543	nq	99
75) Fluoranthene	12.55	202	2170392	46.631	nq	97
77) Benzdine	12.67	184	987744	40.030	nq	98
78) Pyrene	12.78	202	2173473	42.048	nq	100
80) Butylbenzylphthalate	13.41	149	942918	39.699	nq	100
81) Benzo(a)anthracene	13.99	228	1865425	42.744	nq	99
82) 3,3'-Dichlorobenzidine	13.95	252	494999	28.222	nq	100
83) Chrysene	14.02	228	1826164	42.617	nq	100
84) Bis(2-ethylhexyl)phthalate	13.98	149	1206160	42.304	nq	99
85) Di-n-octyl phthalate	14.60	149	2224345	42.093	nq	98
86) Indeno(1,2,3-cd)pyrene	16.97	276	2580820	49.411	nq	98
88) Benzo(b)fluoranthene	15.05	252	2149986	42.321	nq #	98
89) Benzo(k)fluoranthene	15.08	252	1811167	40.872	nq #	96
90) Benzo(a)pyrene	15.42	252	2144818	46.400	nq	98
91) Dibenzo(a,h)anthracene	16.99	278	2104233	48.825	nq	98
92) Benzo(g,h,i)perylene	17.42	276	2215074	50.003	nq	98

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



#1

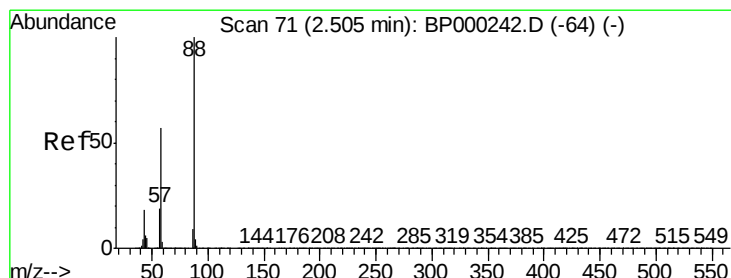
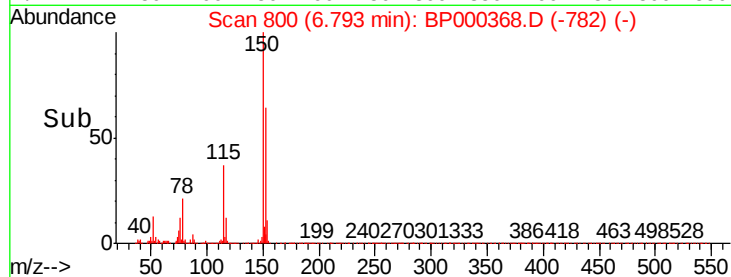
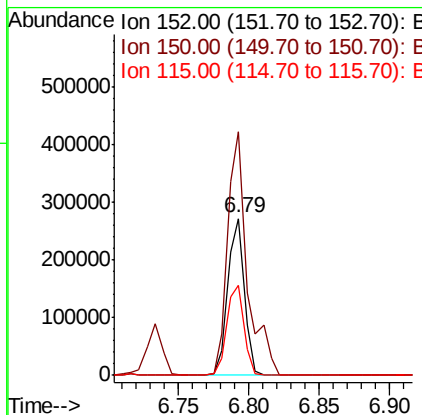
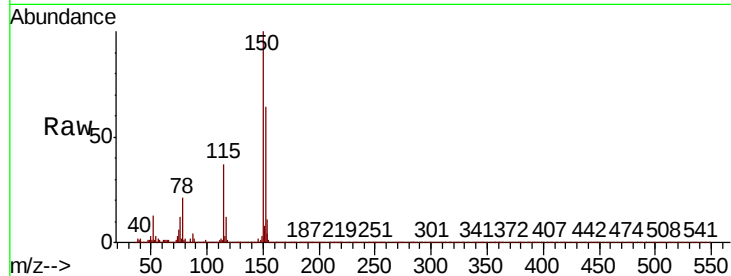
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.79 min Scan# 800
Delta R.T. 0.01 min
Lab File: BP000368.D
Acq: 23 Sep 2019 18:15

Instrument :
BNA_P
ClientSampled :
PB123244BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.5	125.2	187.8
115	57.9	49.7	74.5

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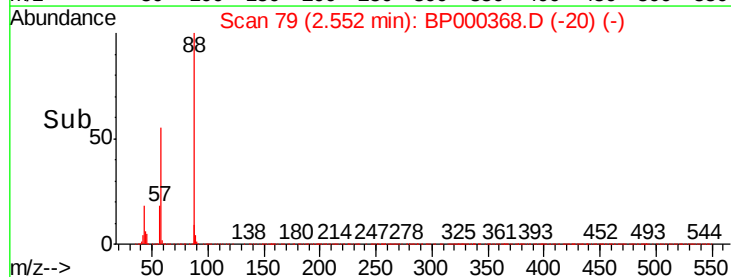
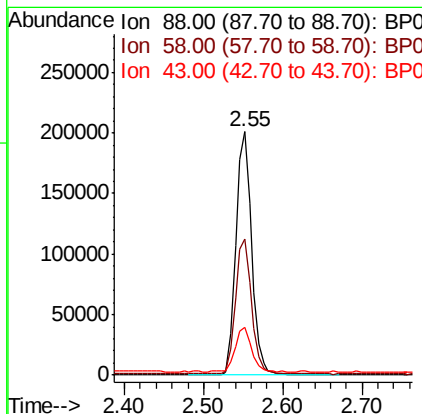
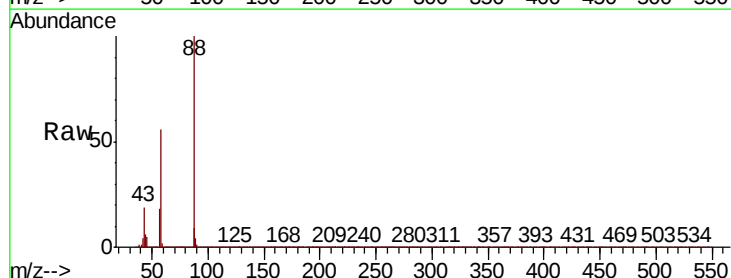
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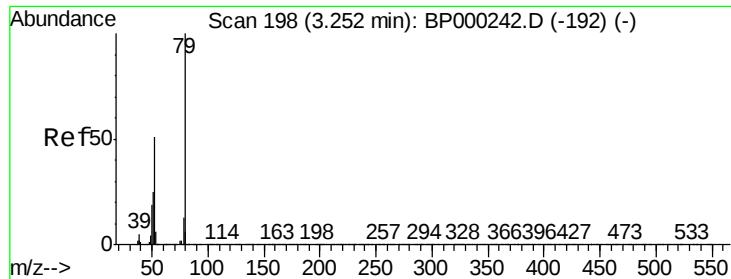


#2

1,4-Dioxane
Concen: 47.757 ng
RT: 2.55 min Scan# 79
Delta R.T. 0.05 min
Lab File: BP000368.D
Acq: 23 Sep 2019 18:15

Tgt Ion	Ratio	Lower	Upper
88	100		
58	56.1	45.4	68.2
43	18.4	15.0	22.6





#3

Pvridine

Concen: 34.073 ng

RT: 3.29 min Scan# 205

Delta R.T. 0.04 min

Lab File: BP000368.D

Acq: 23 Sep 2019 18:15

Instrument :

BNA_P

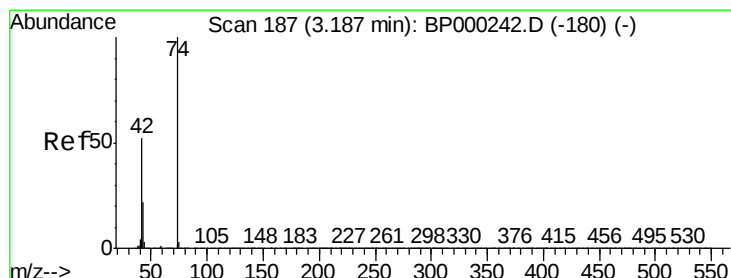
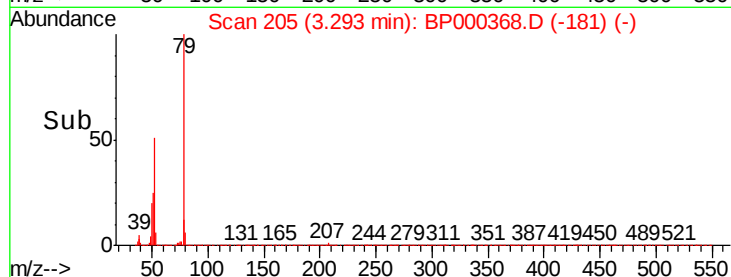
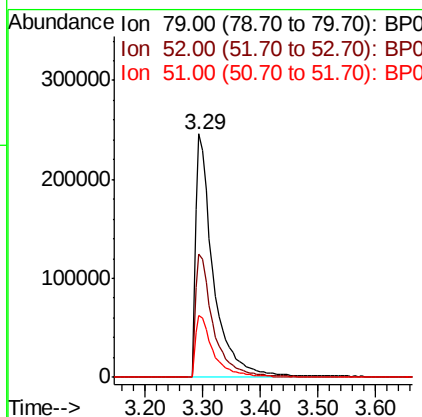
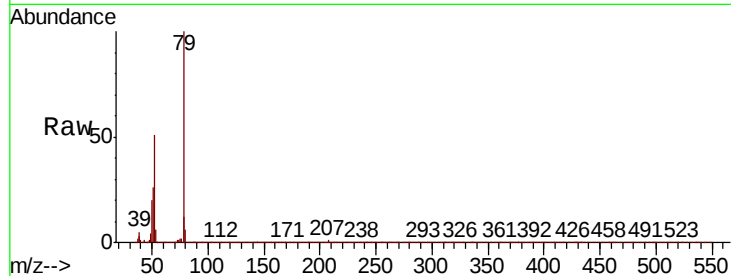
ClientSampleId :

PB123244BS

Tot Ion:	79	Resp:	529603
Ion Ratio	Lower	Upper	
79	100		
52	50.6	40.9	61.3
51	25.5	20.2	30.2

Manual Integrations
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#4

n-Nitrosodimethylamine

Concen: 42.798 ng

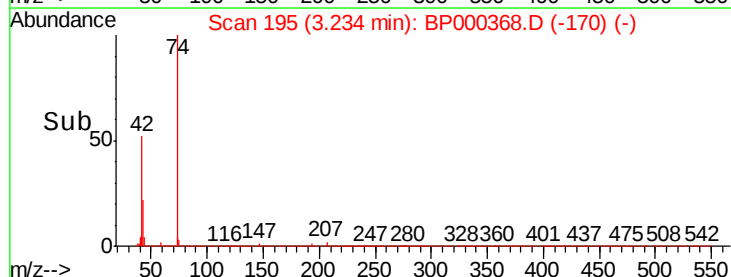
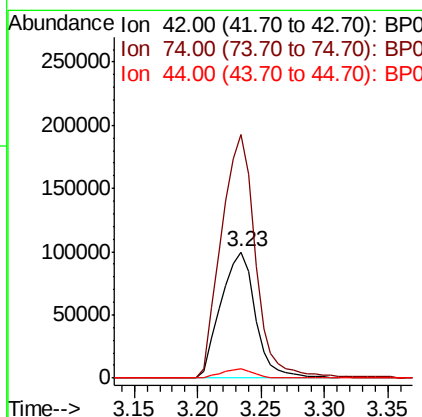
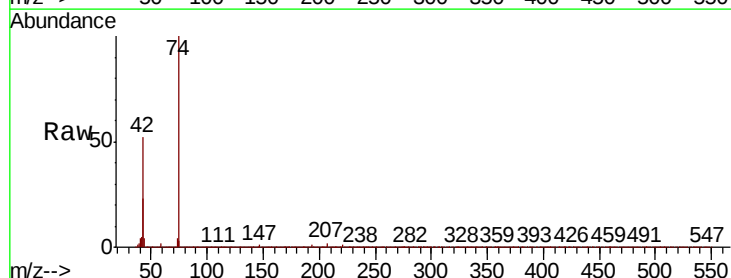
RT: 3.23 min Scan# 195

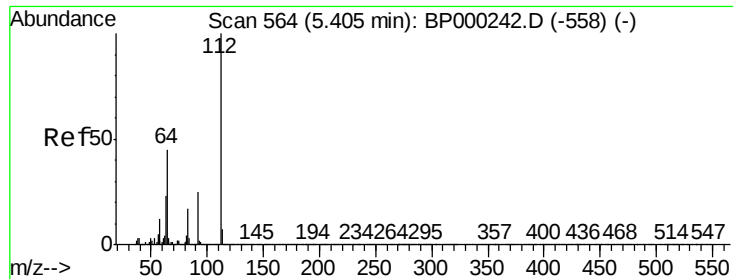
Delta R.T. 0.05 min

Lab File: BP000368.D

Acq: 23 Sep 2019 18:15

Tgt Ion:	42	Resp:	187577
Ion Ratio	Lower	Upper	
42	100		
74	192.9	154.5	231.7
44	7.1	5.9	8.9





#5

2-Fluorophenol

Concen: 84.034 ng

RT: 5.42 min Scan# 566

Delta R.T. 0.01 min

Lab File: BP000368.D

Acq: 23 Sep 2019 18:15

Instrument :

BNA_P

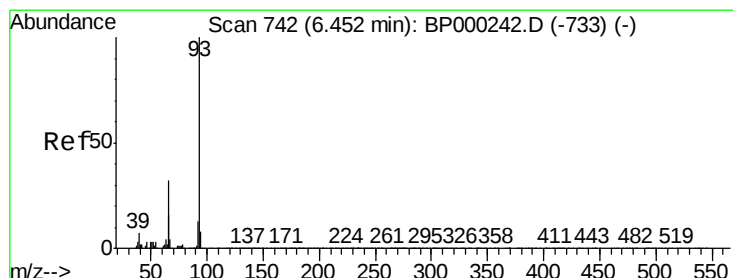
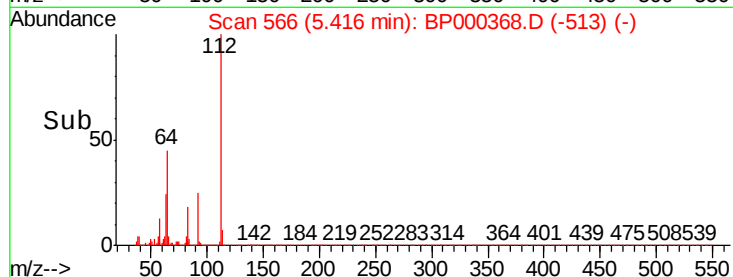
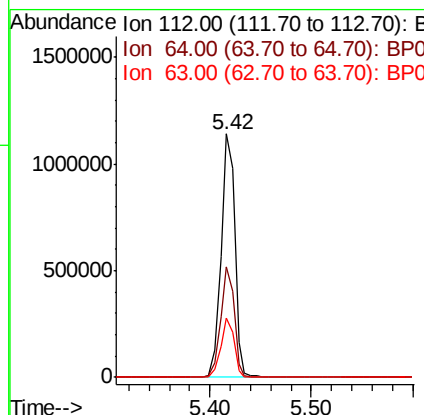
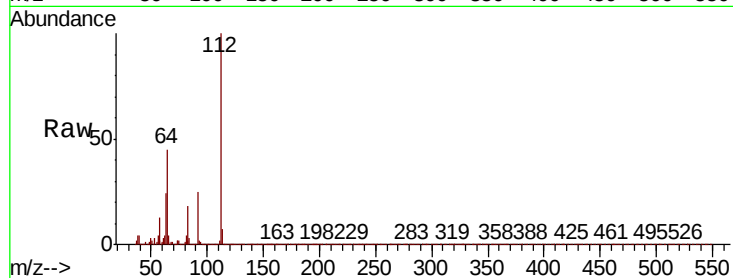
ClientSampleId :

PB123244BS

Tot Ion:	112	Resp:	1075180
Ion	Ratio	Lower	Upper
112	100		
64	45.3	36.2	54.4
63	24.1	18.3	27.5

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#6

Aniline

Concen: 27.951 ng

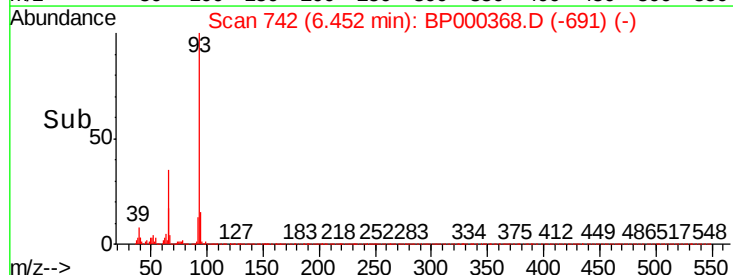
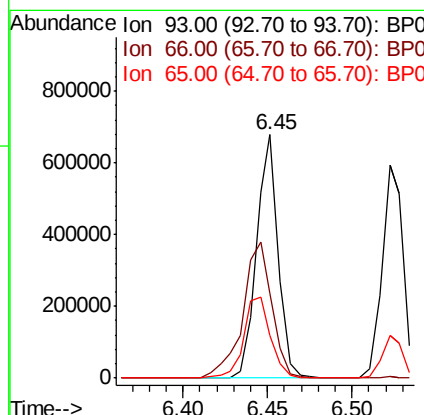
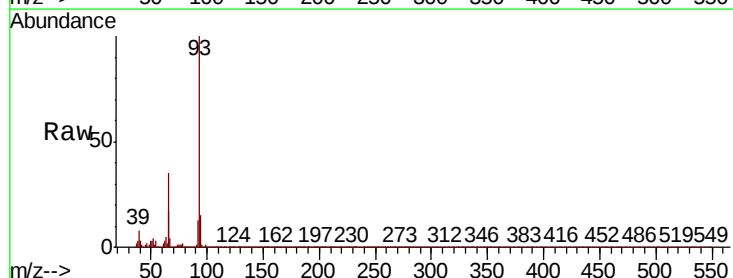
RT: 6.45 min Scan# 742

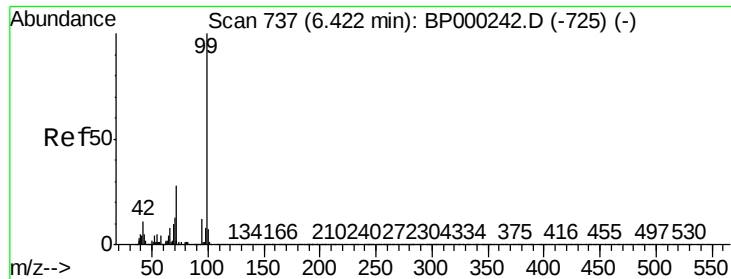
Delta R.T. -0.00 min

Lab File: BP000368.D

Acq: 23 Sep 2019 18:15

Tgt Ion:	93	Resp:	604406
Ion	Ratio	Lower	Upper
93	100		
66	34.8	26.2	39.2
65	17.4	12.7	19.1





#7

Phenol-d6

Concen: 86.588 ng

RT: 6.43 min Scan# 738

Delta R.T. 0.01 min

Lab File: BP000368.D

Acq: 23 Sep 2019 18:15

Instrument :

BNA_P

ClientSampleId :

PB123244BS

Tot Ion: 99 Resp: 1358001

Ion Ratio Lower Upper

99 100

42 11.4 8.5 12.7

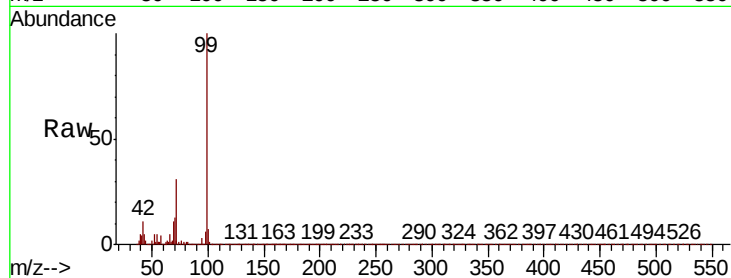
71 31.3 22.6 34.0

Manual Integrations

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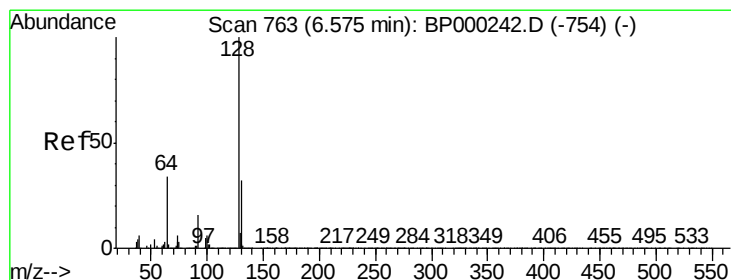
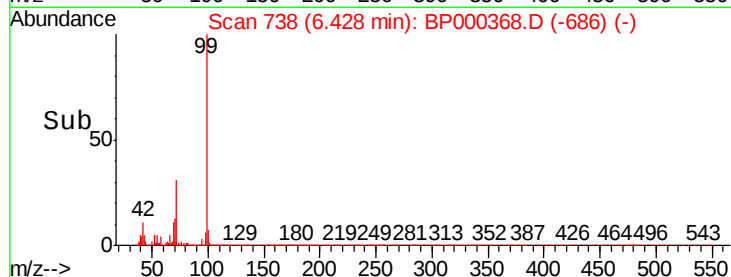
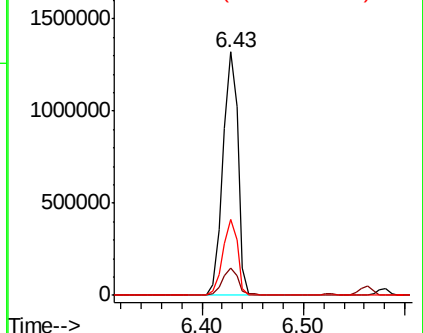
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Abundance Ion 99.00 (98.70 to 99.70): BP0

Ion 42.00 (41.70 to 42.70): BP0

Ion 71.00 (70.70 to 71.70): BP0



#8

2-Chlorophenol

Concen: 41.693 ng

RT: 6.58 min Scan# 764

Delta R.T. 0.01 min

Lab File: BP000368.D

Acq: 23 Sep 2019 18:15

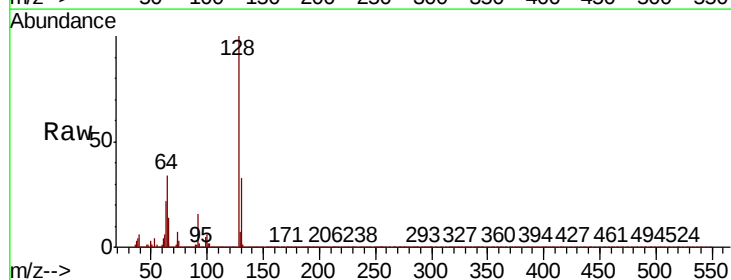
Tgt Ion:128 Resp: 574422

Ion Ratio Lower Upper

128 100

130 32.8 12.5 52.5

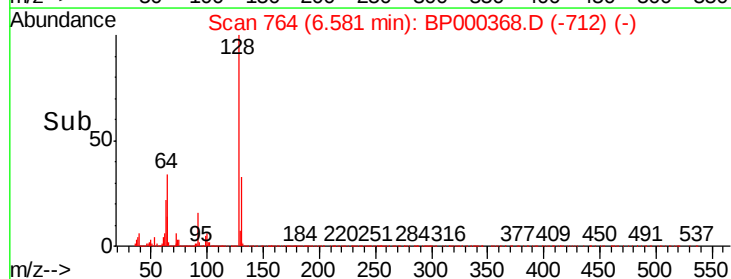
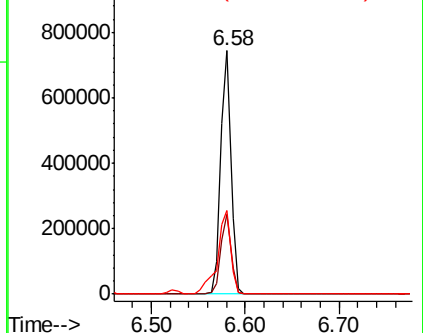
64 34.2 16.0 56.0



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BP0





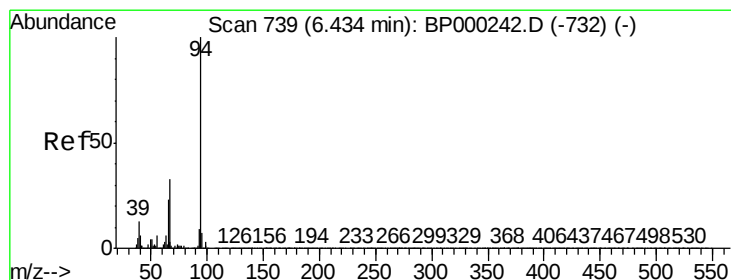
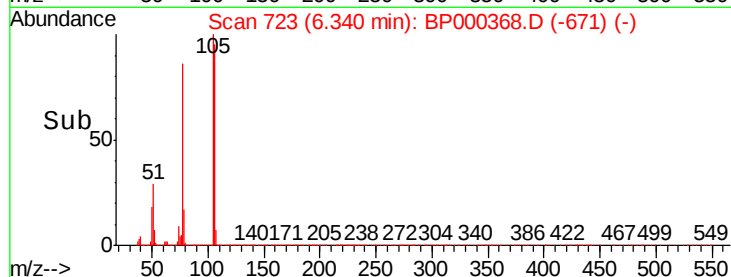
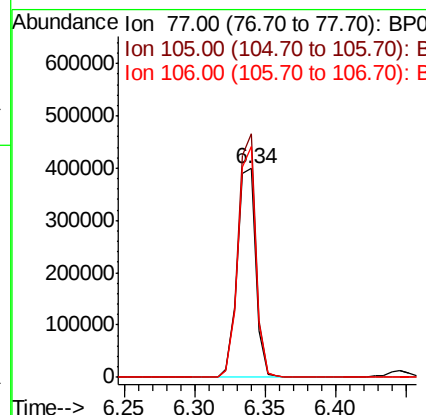
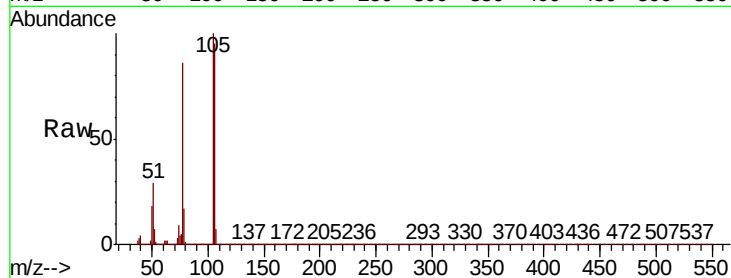
#9
Benzaldehyde
Concen: 43.865 ng
RT: 6.34 min Scan# 723
Delta R.T. 0.01 min
Lab File: BP000368.D
Acq: 23 Sep 2019 18:15

Instrument :
BNA_P
ClientSampleId :
PB123244BS

Tot Ion	Ratio	Lower	Upper
77	100		
105	116.5	89.6	129.6
106	110.3	84.6	124.6

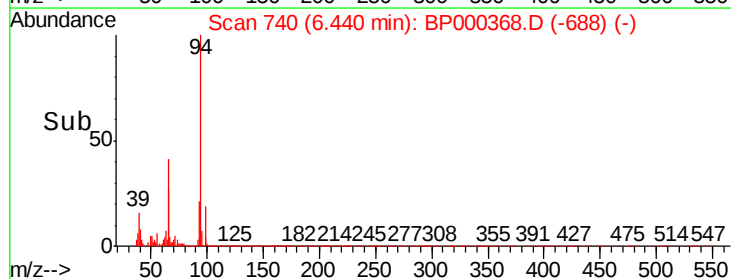
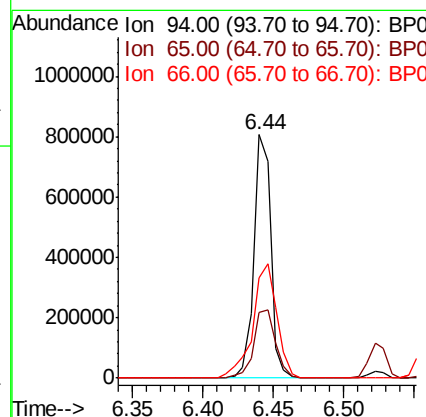
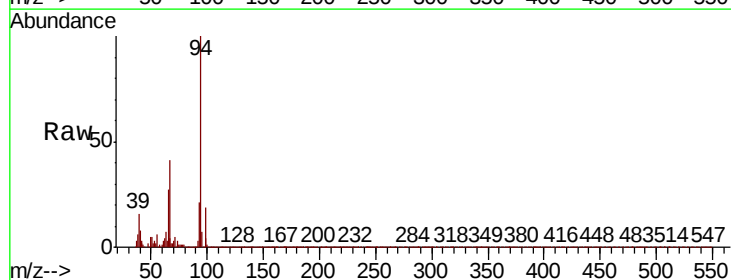
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#10
Phenol
Concen: 38.036 ng
RT: 6.44 min Scan# 740
Delta R.T. 0.01 min
Lab File: BP000368.D
Acq: 23 Sep 2019 18:15

Tgt Ion	Ratio	Lower	Upper
94	100		
65	26.8	3.3	43.3
66	41.0	12.7	52.7





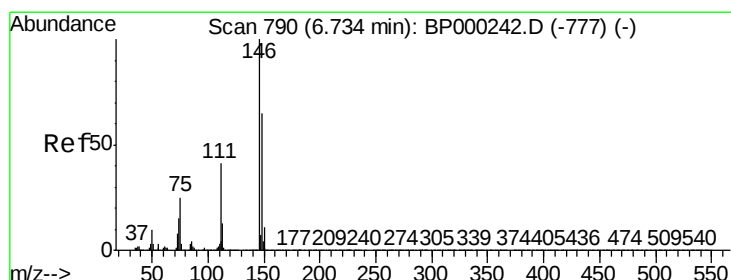
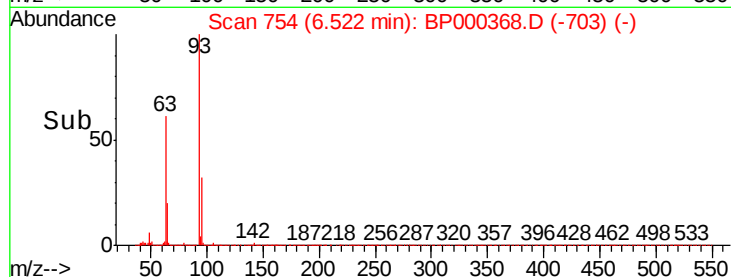
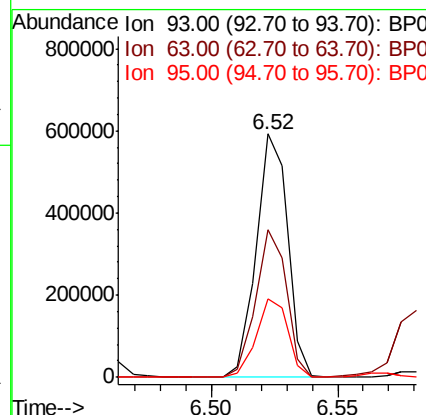
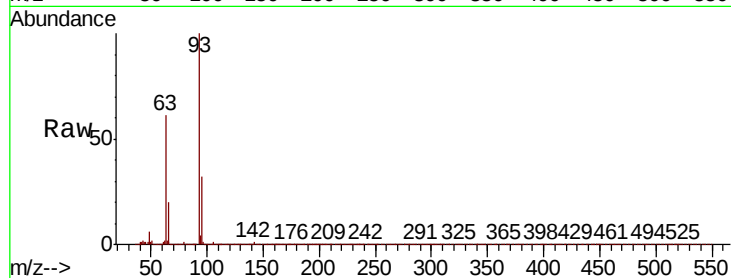
#11
bis(2-Chloroethyl)ether
Concen: 37.547 ng
RT: 6.52 min Scan# 754
Delta R.T. -0.00 min
Lab File: BP000368.D
Acq: 23 Sep 2019 18:15

Instrument :
BNA_P
ClientSampleId :
PB123244BS

Tot Ion	Ratio	Resp Lower	Upper
93	100		
63	60.8	41.0	81.0
95	32.2	12.7	52.7

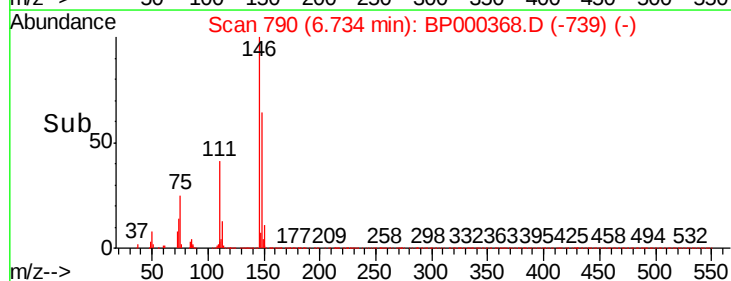
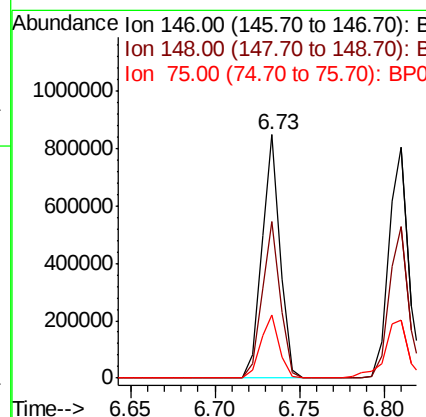
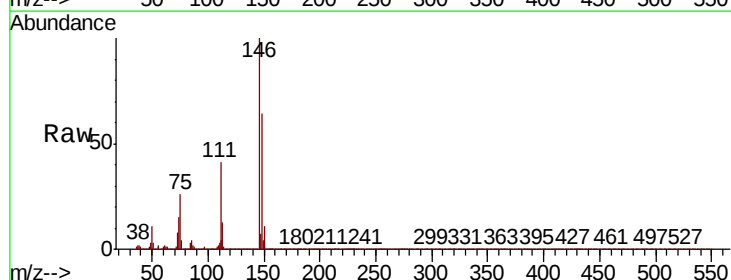
Manual Integrations
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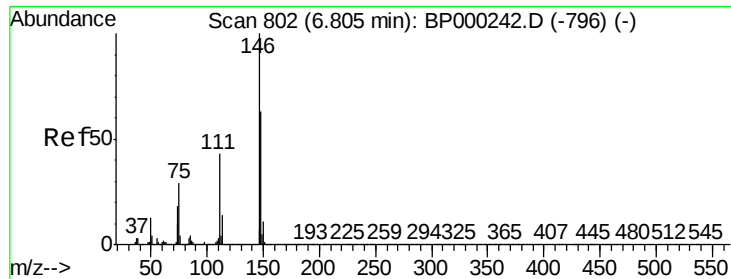
mohammad
9/24/2019 2:38:40 PM



#12
1,3-Dichlorobenzene
Concen: 38.597 ng
RT: 6.73 min Scan# 790
Delta R.T. -0.00 min
Lab File: BP000368.D
Acq: 23 Sep 2019 18:15

Tgt Ion	Ratio	Resp Lower	Upper
146	100		
148	64.4	52.1	78.1
75	25.7	20.2	30.4





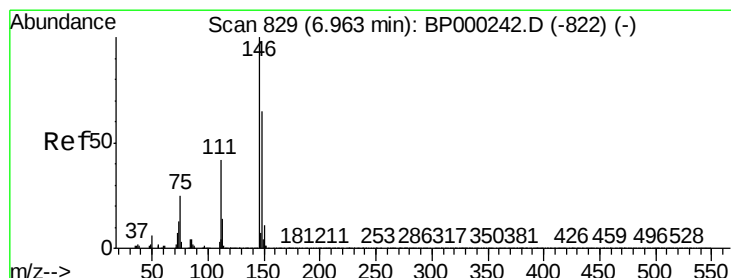
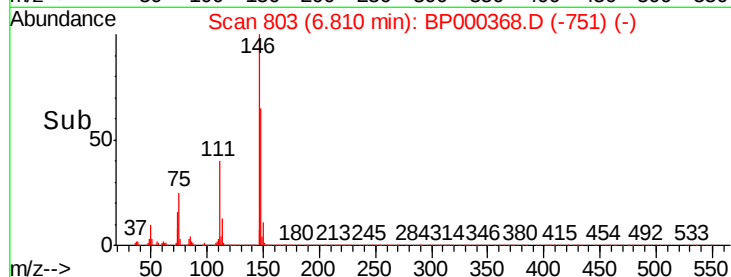
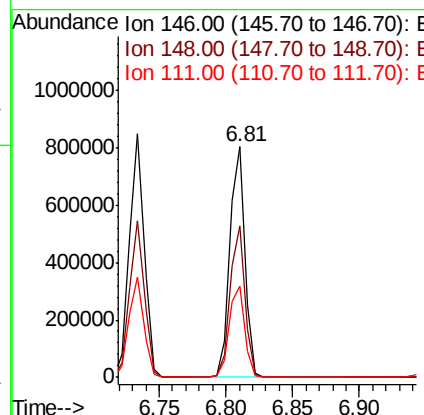
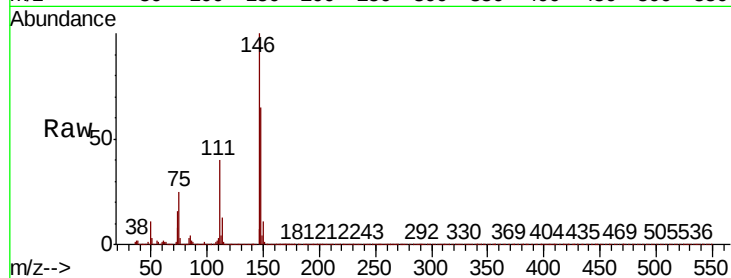
#13
1,4-Dichlorobenzene
Concen: 39.108 ng
RT: 6.81 min Scan# 803
Delta R.T. 0.01 min
Lab File: BP000368.D
Acq: 23 Sep 2019 18:15

Instrument :
BNA_P
ClientSampleId :
PB123244BS

Tot Ion	Ratio	Lower	Upper
146	100		
148	65.4	50.7	76.1
111	39.7	34.1	51.1

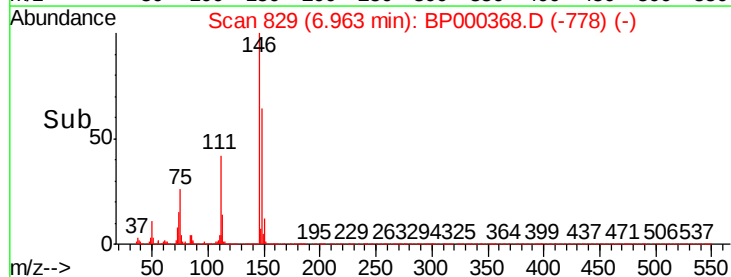
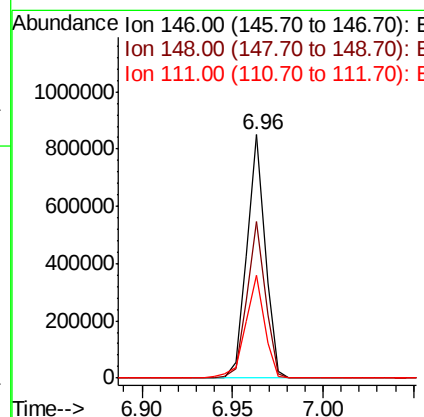
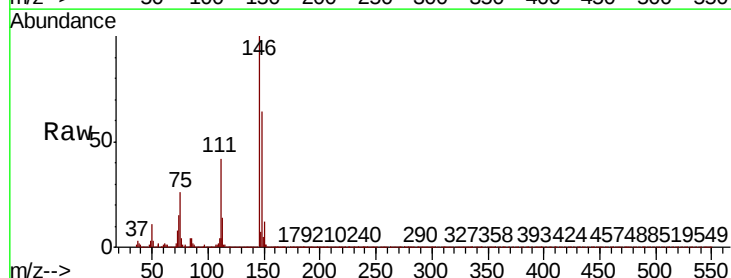
Manual Integrations
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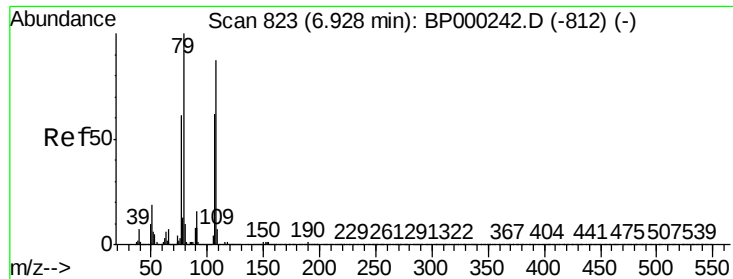
mohammad
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#14
1,2-Dichlorobenzene
Concen: 39.664 ng
RT: 6.96 min Scan# 829
Delta R.T. -0.00 min
Lab File: BP000368.D
Acq: 23 Sep 2019 18:15

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.5	51.7	77.5
111	42.3	33.4	50.2





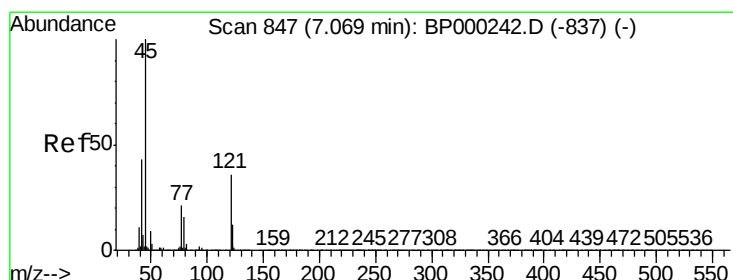
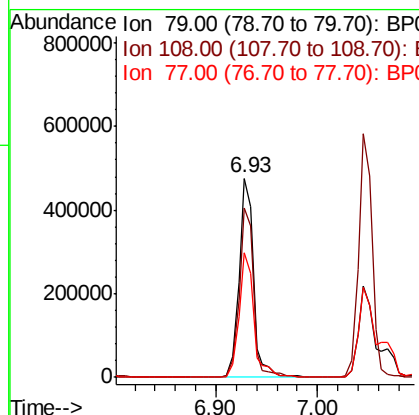
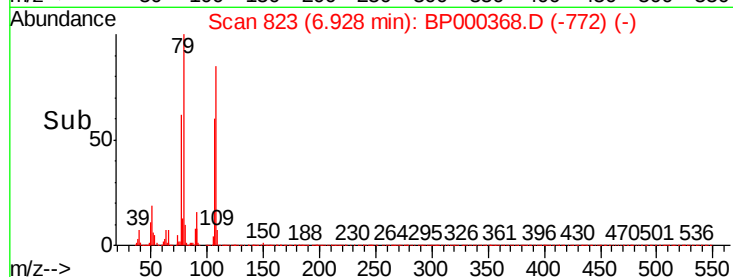
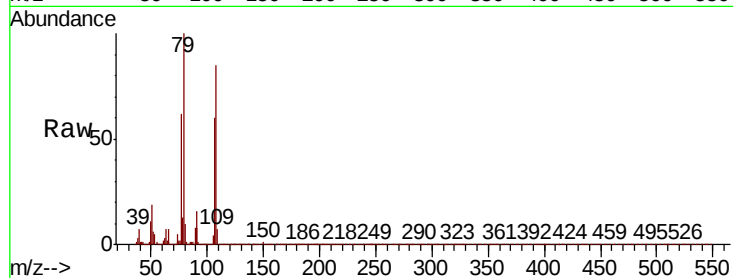
#15
Benzyl Alcohol
Concen: 40.982 ng
RT: 6.93 min Scan# 823
Delta R.T. -0.00 min
Lab File: BP000368.D
Acq: 23 Sep 2019 18:15

Instrument :
BNA_P
ClientSampleId :
PB123244BS

Tot Ion	Ratio	Lower	Upper
79	100		
108	84.7	69.2	103.8
77	62.3	48.7	73.1

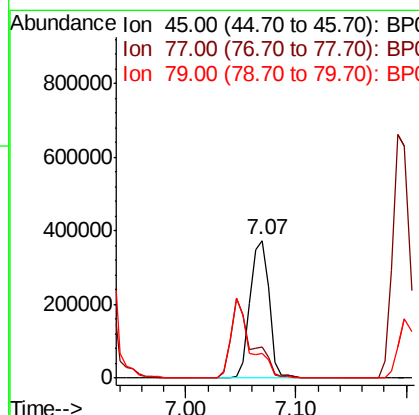
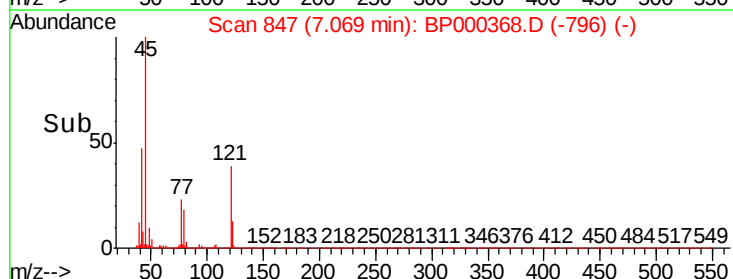
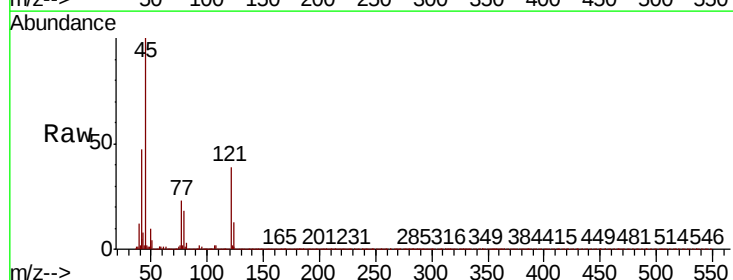
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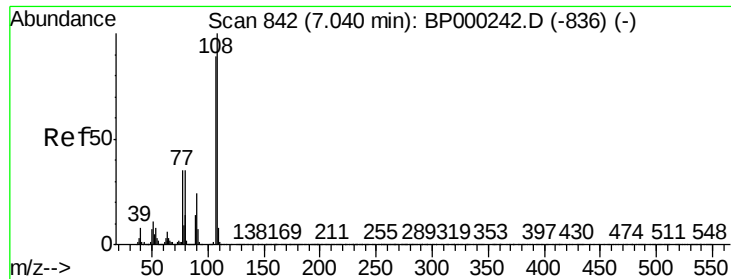
mohammad
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 35.007 ng
RT: 7.07 min Scan# 847
Delta R.T. -0.00 min
Lab File: BP000368.D
Acq: 23 Sep 2019 18:15

Tgt Ion	Ratio	Lower	Upper
45	100		
77	22.7	0.7	40.7
79	18.3	0.0	36.4





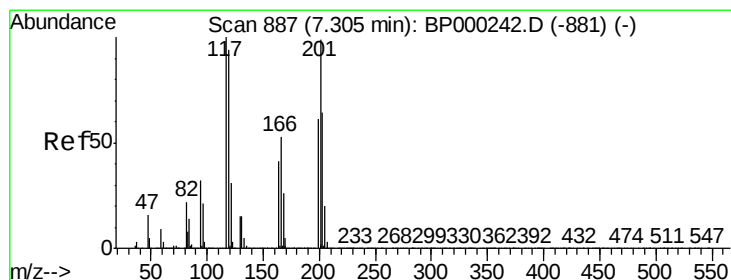
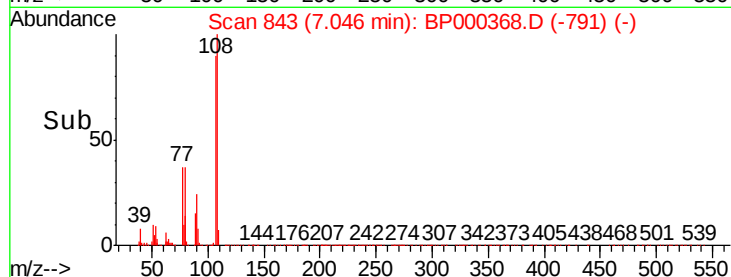
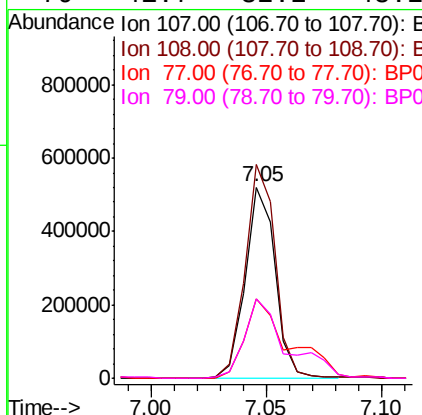
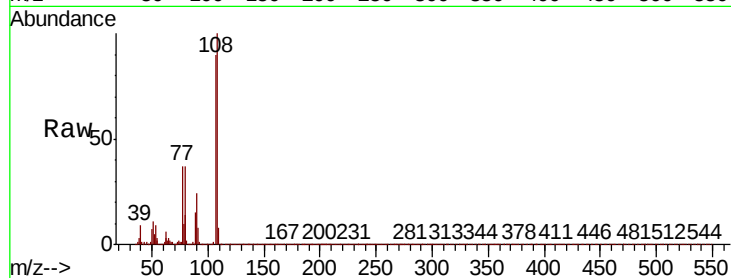
#17
2-Methylphenol
Concen: 40.040 ng
RT: 7.05 min Scan# 843
Delta R.T. 0.01 min
Lab File: BP000368.D
Acq: 23 Sep 2019 18:15

Instrument :
BNA_P
ClientSampleId :
PB123244BS

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	111.7	90.1	135.1	
77	41.5	31.5	47.3	
79	41.7	32.2	48.2	

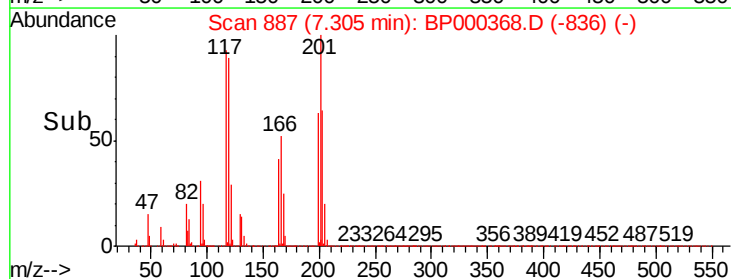
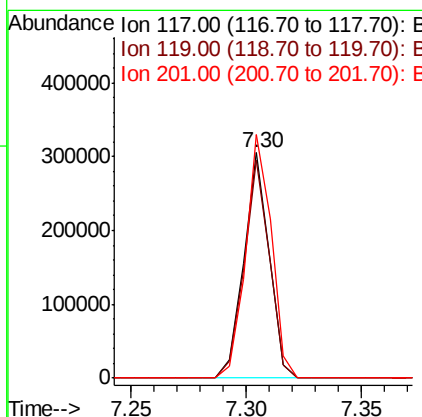
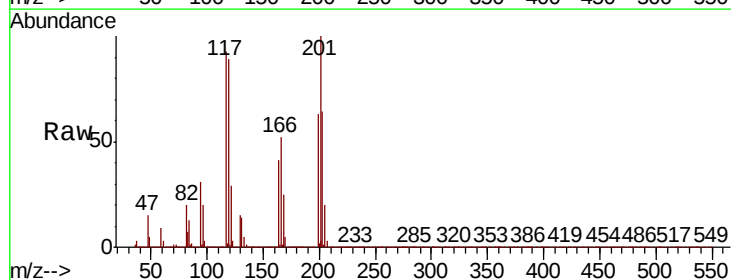
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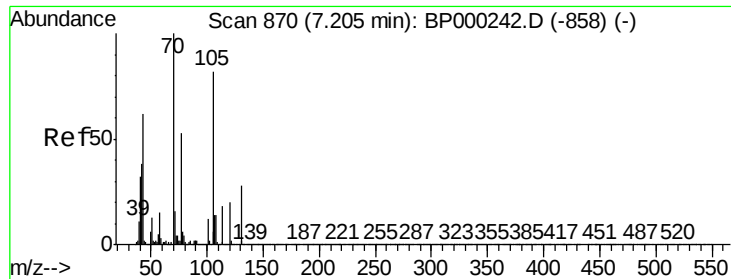
mohammad
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#18
Hexachloroethane
Concen: 38.347 ng
RT: 7.30 min Scan# 887
Delta R.T. -0.00 min
Lab File: BP000368.D
Acq: 23 Sep 2019 18:15

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	96.6	75.6	113.4	
201	108.0	79.4	119.2	





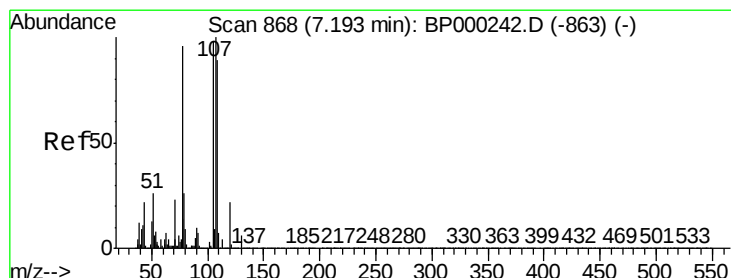
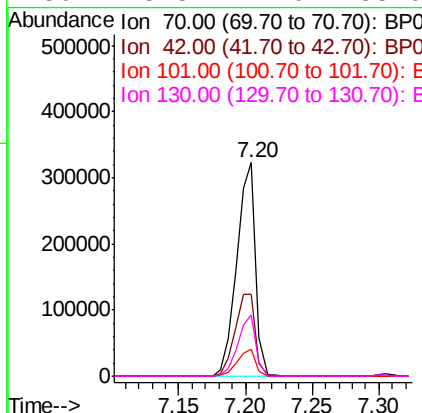
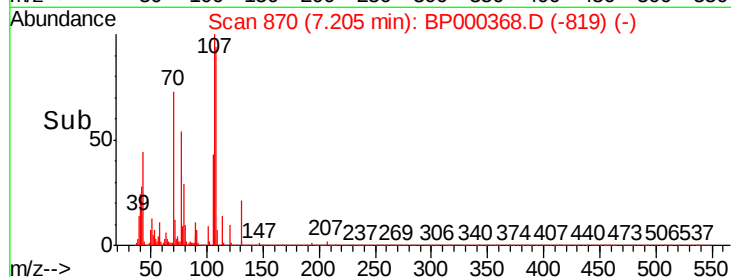
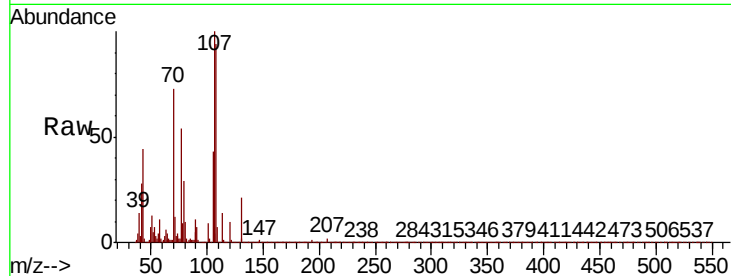
#19
n-Nitroso-di-n-propylamine
Concen: 38.121 ng
RT: 7.20 min Scan# 870
Delta R.T. -0.00 min
Lab File: BP000368.D
Acq: 23 Sep 2019 18:15

Instrument :
BNA_P
ClientSampleId :
PB123244BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
70	100				
42	38.4	30.7	46.1		
101	12.4	9.6	14.4		
130	28.8	22.0	33.0		

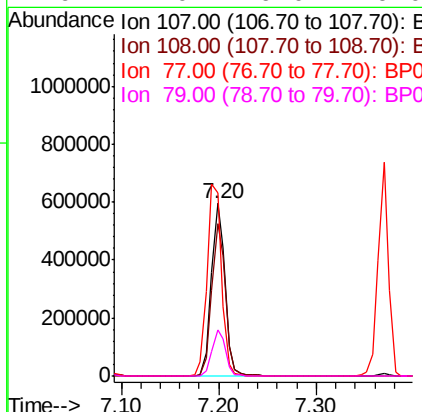
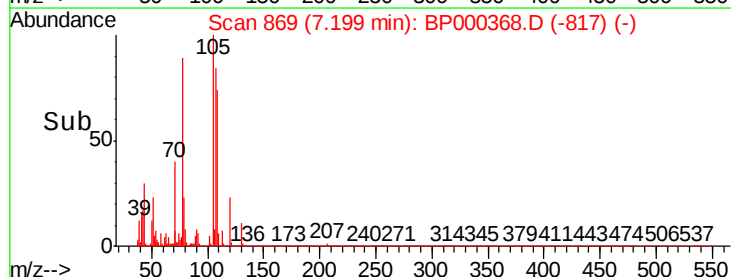
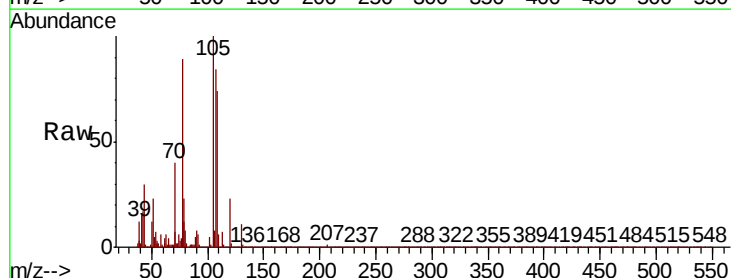
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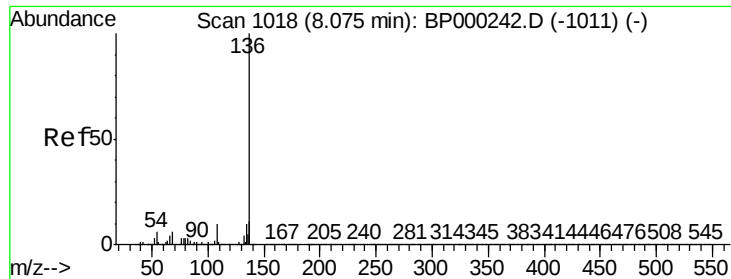
mohammad
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#20
3+4-Methylphenols
Concen: 40.318 ng
RT: 7.20 min Scan# 869
Delta R.T. 0.01 min
Lab File: BP000368.D
Acq: 23 Sep 2019 18:15

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100				
108	88.4	68.8	108.8		
77	105.9	75.7	115.7		
79	27.0	6.0	46.0		





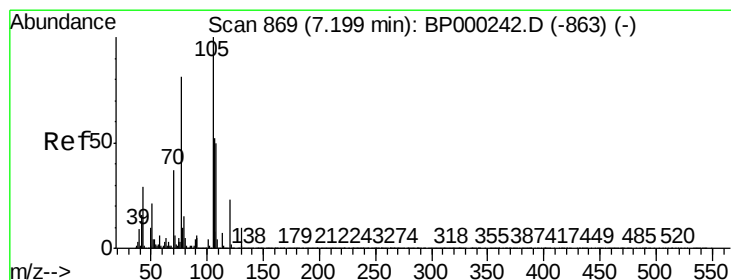
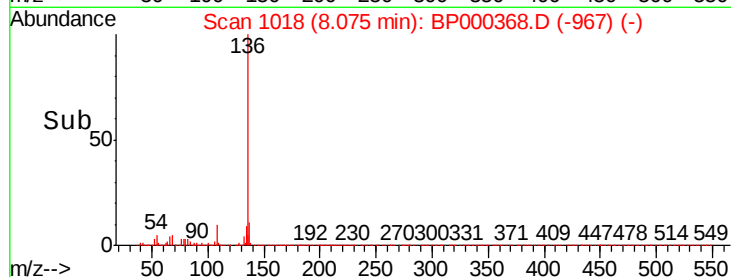
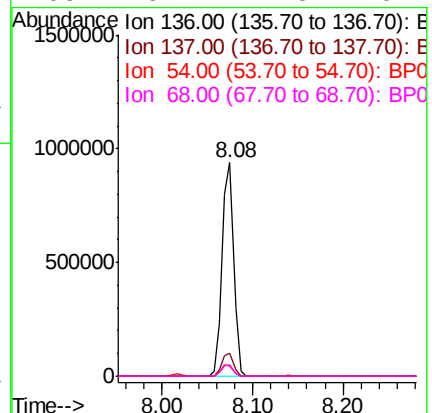
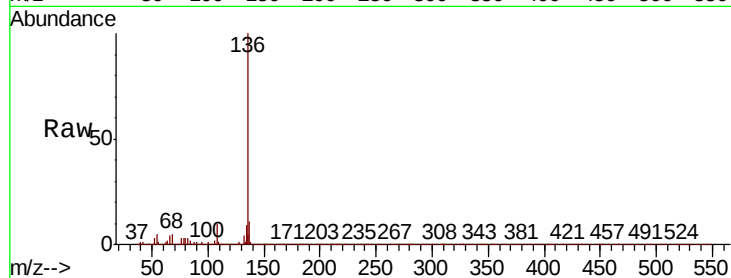
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.08 min Scan# 1018
Delta R.T. -0.00 min
Lab File: BP000368.D
Acq: 23 Sep 2019 18:15

Instrument :
BNA_P
ClientSampleId :
PB123244BS

Tot Ion	Ratio	Resp	Lower	Upper
136	100	819409		
137	10.6		8.6	13.0
54	4.9		4.5	6.7
68	5.2		4.5	6.7

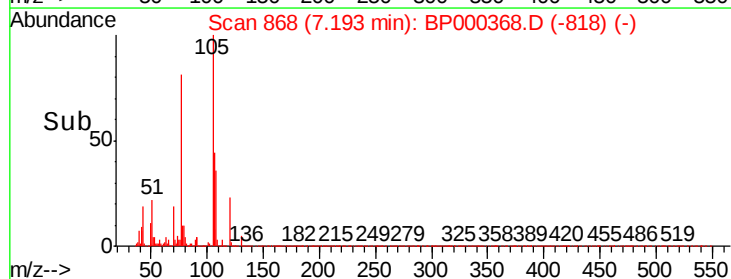
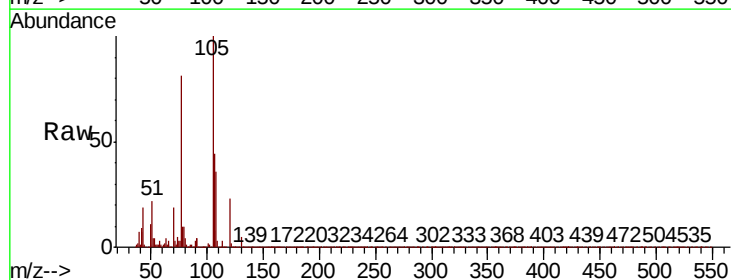
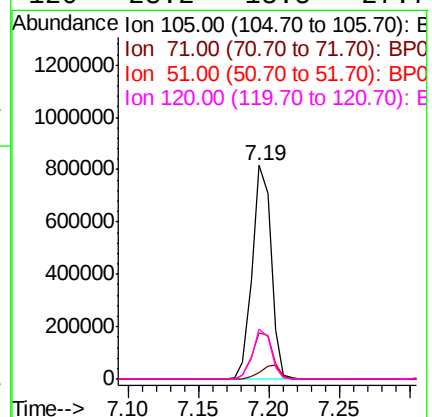
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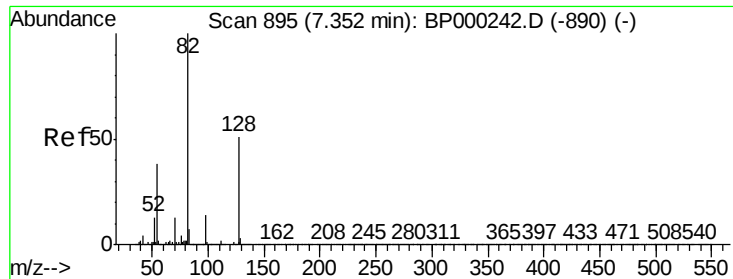
mohammad
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#22
Acetophenone
Concen: 43.226 ng
RT: 7.19 min Scan# 868
Delta R.T. -0.01 min
Lab File: BP000368.D
Acq: 23 Sep 2019 18:15

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	767578		
71	3.2		5.2	7.8#
51	21.6		16.6	24.8
120	23.2		18.5	27.7





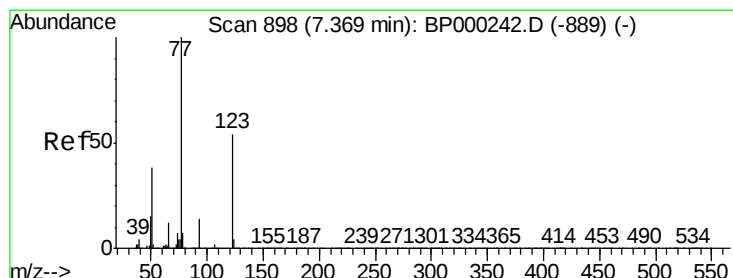
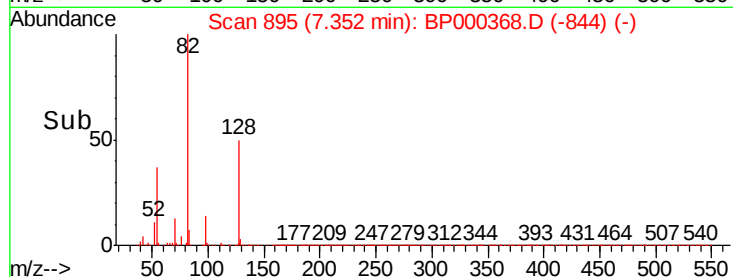
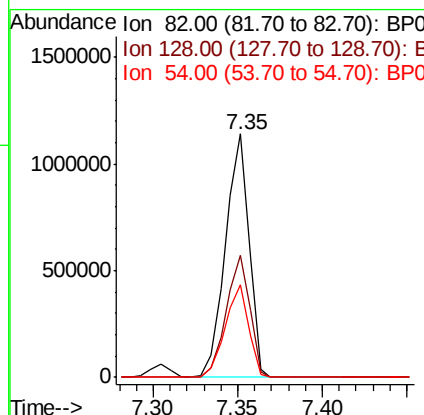
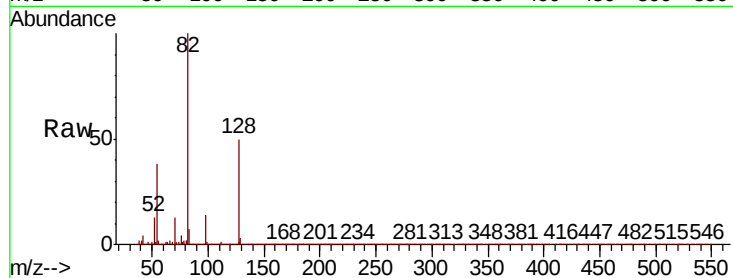
#23
 Nitrobenzene-d5
 Concen: 86.962 ng
 RT: 7.35 min Scan# 895
 Delta R.T. -0.00 min
 Lab File: BP000368.D
 Acq: 23 Sep 2019 18:15

Instrument :
 BNA_P
 ClientSampleId :
 PB123244BS

Tot Ion	Ratio	Lower	Upper
82	100		
128	50.3	40.7	61.1
54	37.9	30.1	45.1

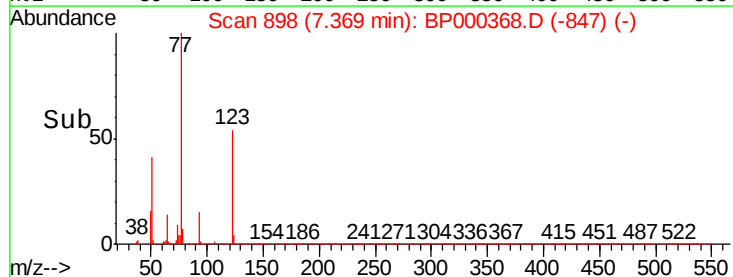
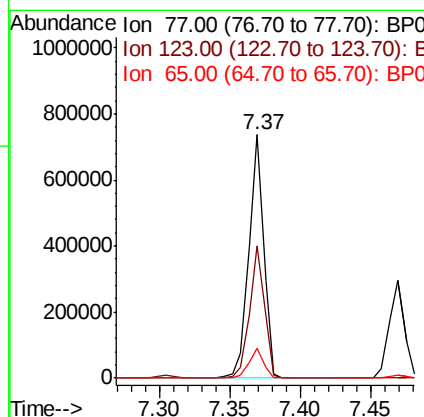
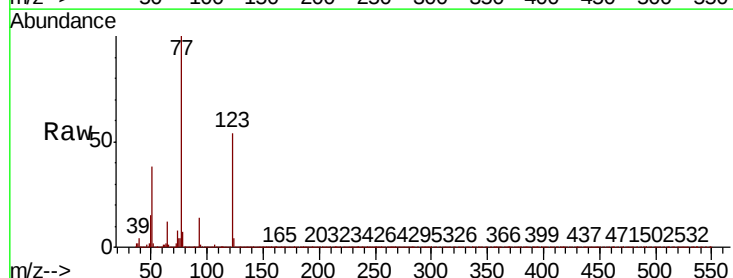
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#24
 Nitrobenzene
 Concen: 41.024 ng
 RT: 7.37 min Scan# 898
 Delta R.T. -0.00 min
 Lab File: BP000368.D
 Acq: 23 Sep 2019 18:15

Tgt Ion	Ratio	Lower	Upper
77	100		
123	54.4	43.1	64.7
65	12.3	9.4	14.2





#25

Isophorone

Concen: 40.288 ng

RT: 7.61 min Scan# 939

Delta R.T. -0.00 min

Lab File: BP000368.D

Acq: 23 Sep 2019 18:15

Instrument :

BNA_P

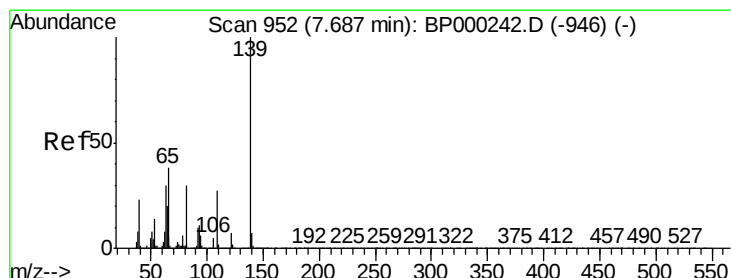
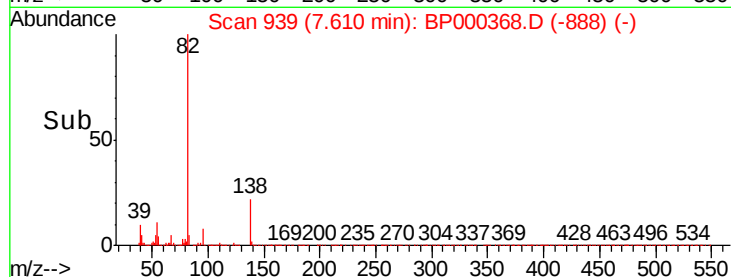
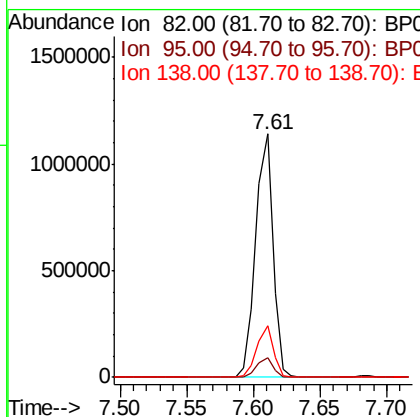
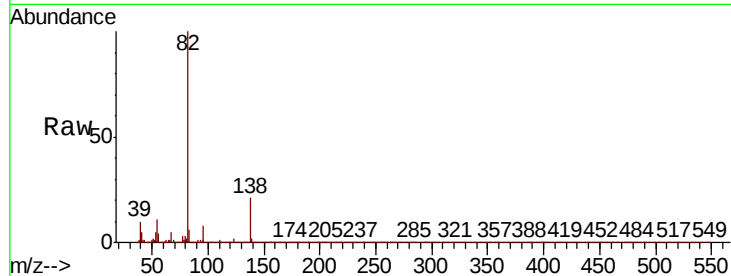
ClientSampleId :

PB123244BS

Tot Ion:	82	Resp:	1013164
Ion	Ratio	Lower	Upper
82	100		
95	8.0	5.9	8.9
138	21.0	15.9	23.9

Manual Integrations
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#26

2-Nitrophenol

Concen: 43.829 ng

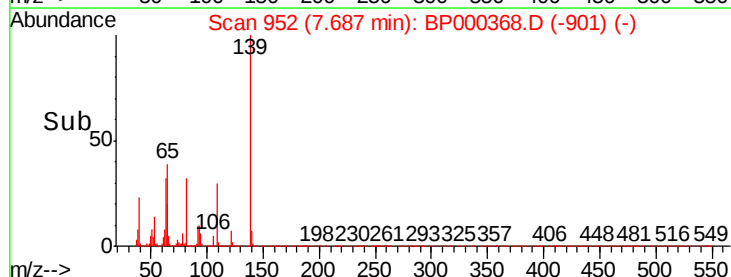
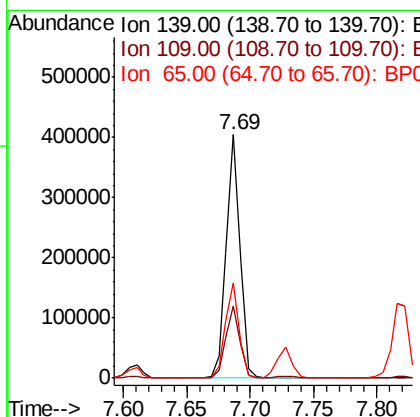
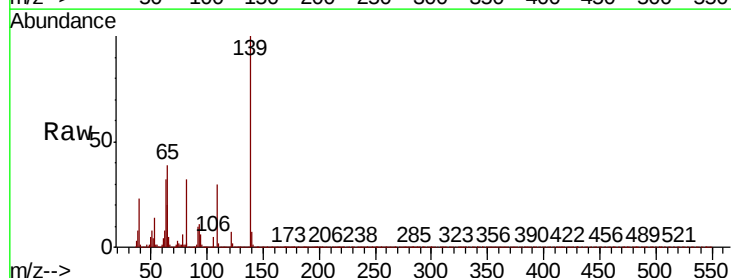
RT: 7.69 min Scan# 952

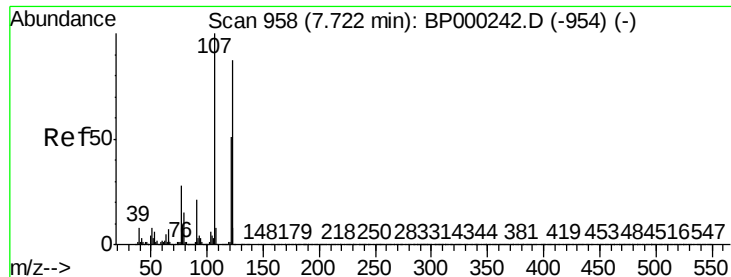
Delta R.T. -0.00 min

Lab File: BP000368.D

Acq: 23 Sep 2019 18:15

Tgt Ion:	139	Resp:	306508
Ion	Ratio	Lower	Upper
139	100		
109	29.7	21.8	32.6
65	39.0	30.5	45.7





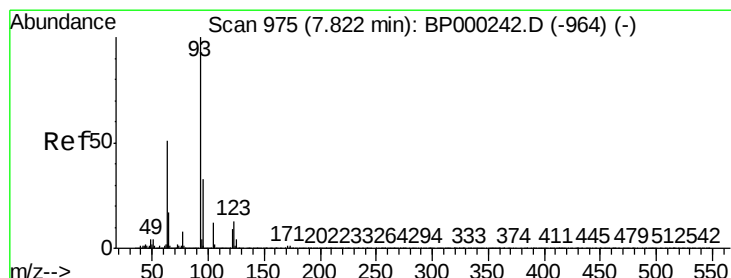
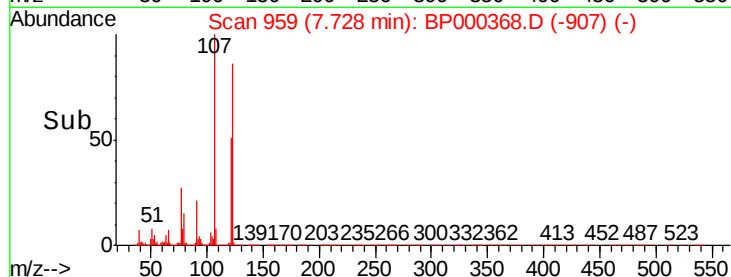
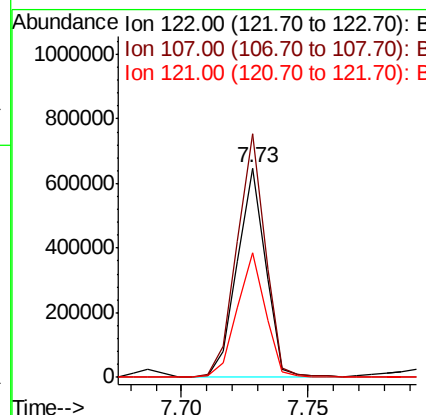
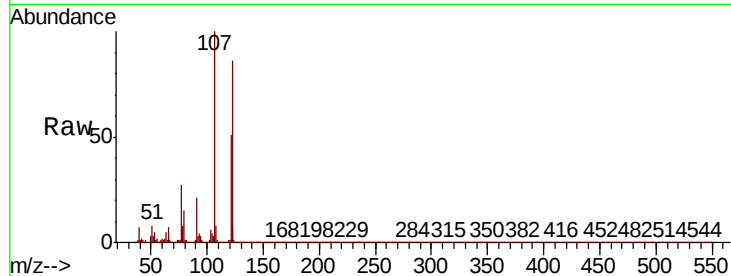
#27
2,4-Dimethylphenol
Concen: 45.597 ng
RT: 7.73 min Scan# 959
Delta R.T. 0.01 min
Lab File: BP000368.D
Acq: 23 Sep 2019 18:15

Instrument :
BNA_P
ClientSampleId :
PB123244BS

Tot Ion	Ratio	Resp	Lower	Upper
122	100	507926		
107	116.1	91.5	137.3	
121	59.2	46.9	70.3	

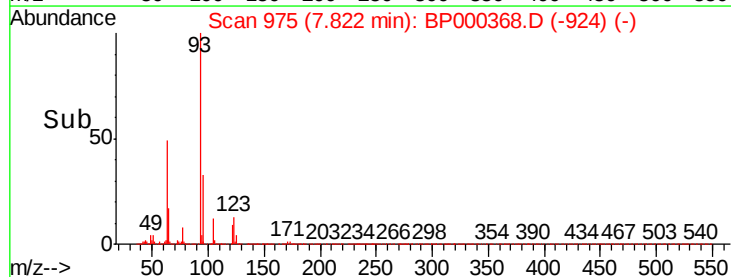
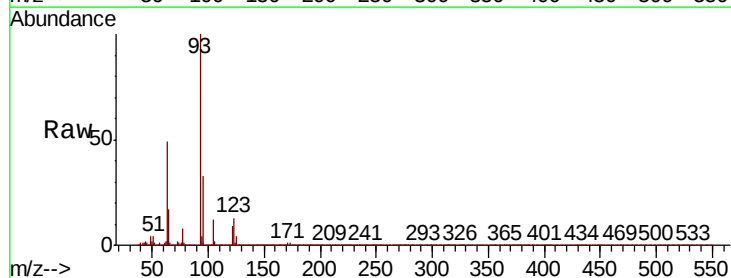
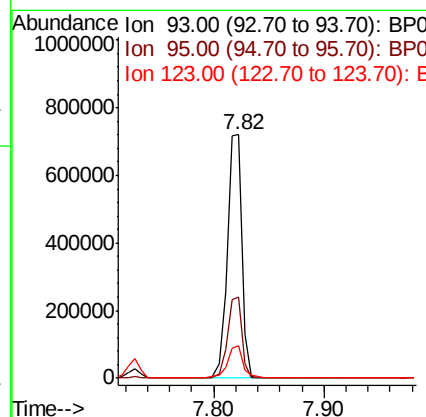
Manual Integrations
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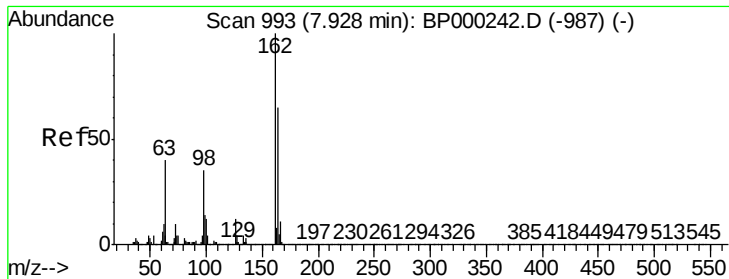
mohammad
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#28
bis(2-Chloroethoxy)methane
Concen: 39.649 ng
RT: 7.82 min Scan# 975
Delta R.T. -0.00 min
Lab File: BP000368.D
Acq: 23 Sep 2019 18:15

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	663173		
95	33.2	26.2	39.4	
123	13.4	10.2	15.2	





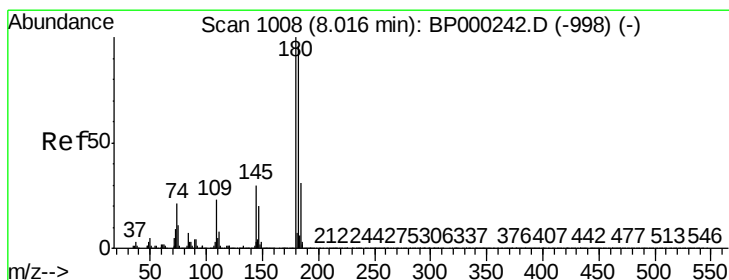
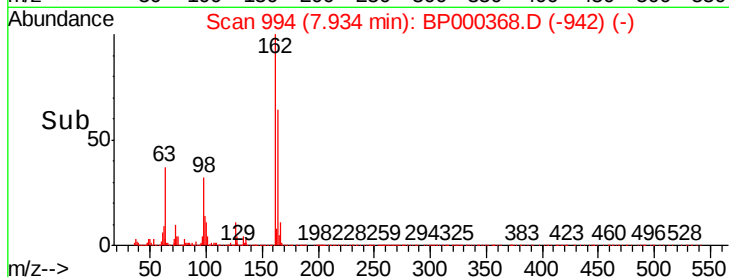
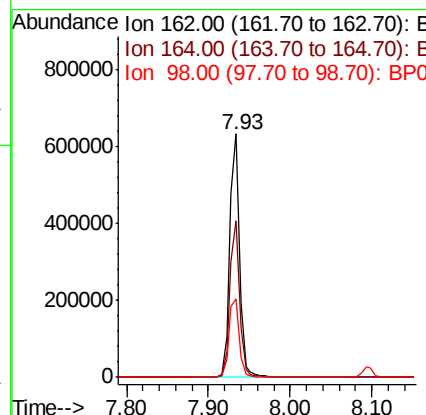
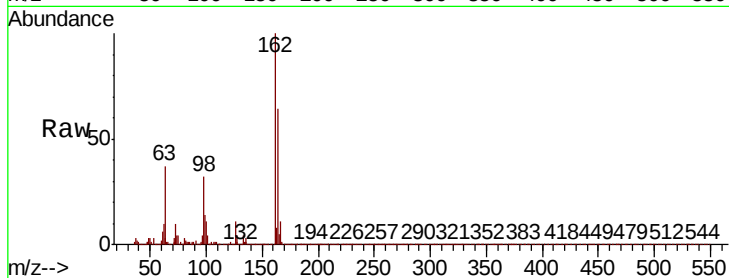
#29
2,4-Dichlorophenol
Concen: 44.148 ng
RT: 7.93 min Scan# 994
Delta R.T. 0.01 min
Lab File: BP000368.D
Acq: 23 Sep 2019 18:15

Instrument :
BNA_P
ClientSampleId :
PB123244BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
162	100		527080		
164	64.5	44.5	84.5		
98	32.5	15.2	55.2		

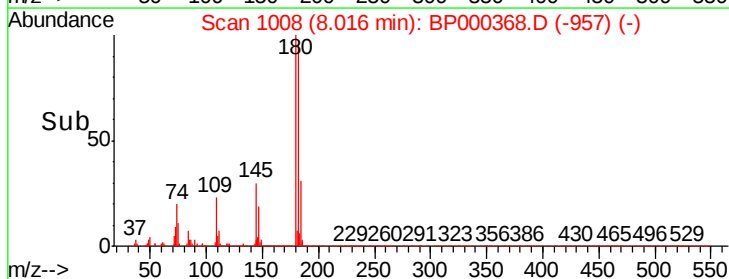
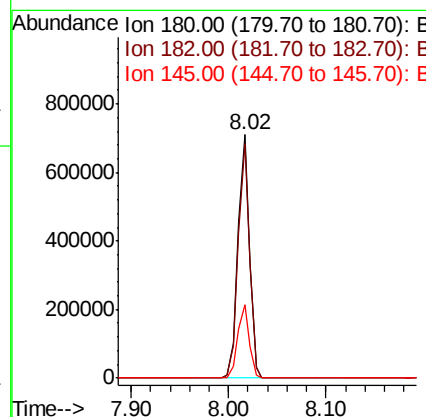
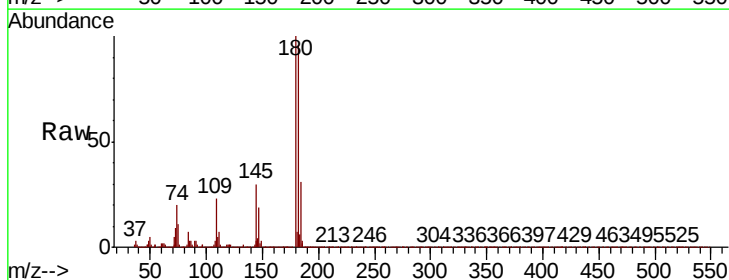
Manual Integrations
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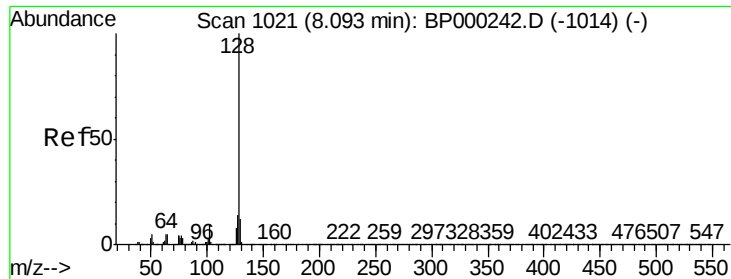
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#30
1,2,4-Trichlorobenzene
Concen: 42.450 ng
RT: 8.02 min Scan# 1008
Delta R.T. -0.00 min
Lab File: BP000368.D
Acq: 23 Sep 2019 18:15

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
180	100		580904		
182	96.5	77.2	115.8		
145	29.9	24.3	36.5		





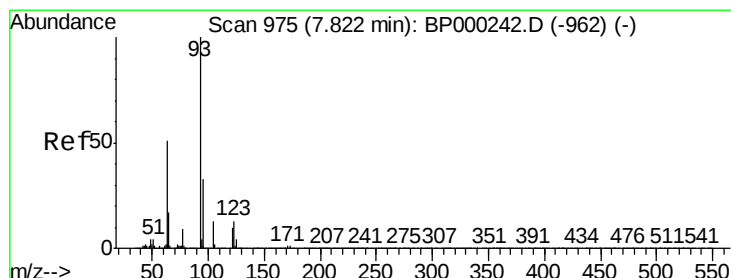
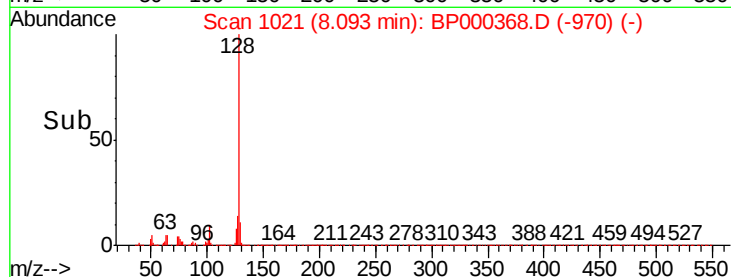
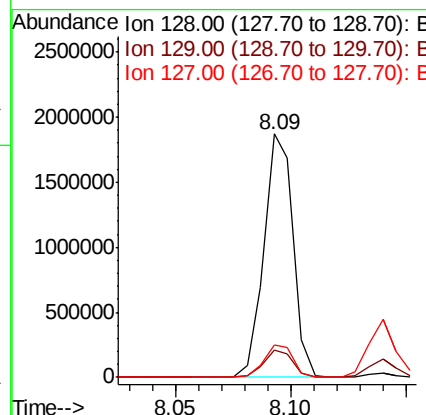
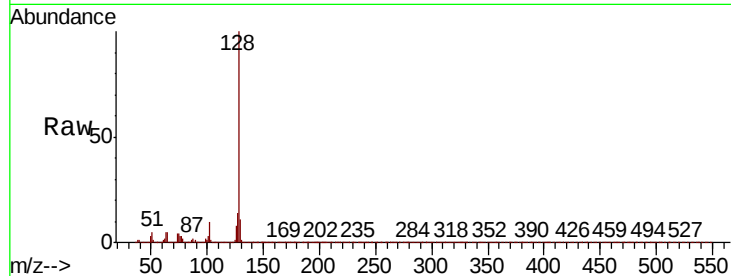
#31
Naphthalene
Concen: 43.187 ng
RT: 8.09 min Scan# 1021
Delta R.T. -0.00 min
Lab File: BP000368.D
Acq: 23 Sep 2019 18:15

Instrument :
BNA_P
ClientSampleId :
PB123244BS

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.3	9.2	13.8
127	13.5	11.0	16.6

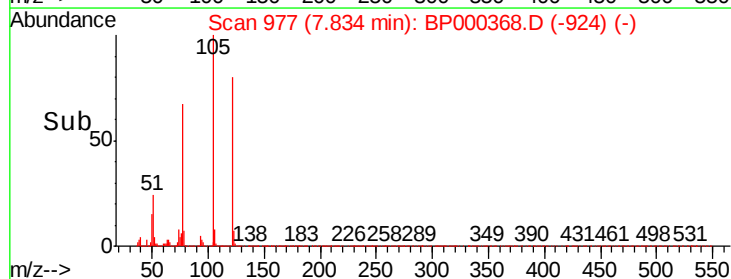
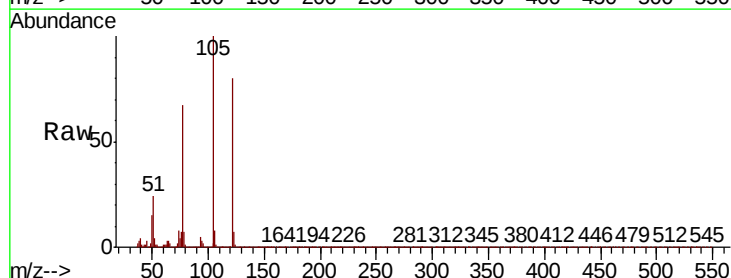
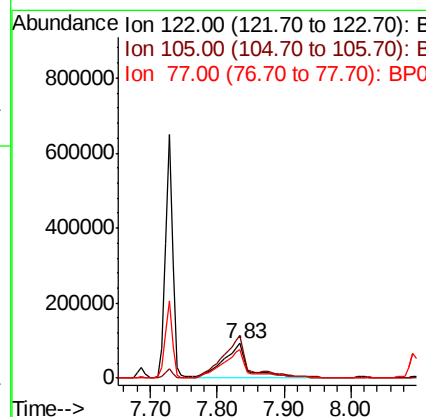
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#32
Benzoic acid
Concen: 32.502 ng
RT: 7.83 min Scan# 977
Delta R.T. 0.01 min
Lab File: BP000368.D
Acq: 23 Sep 2019 18:15

Tgt Ion	Ratio	Lower	Upper
122	100		
105	124.9	105.4	145.4
77	84.1	65.3	105.3





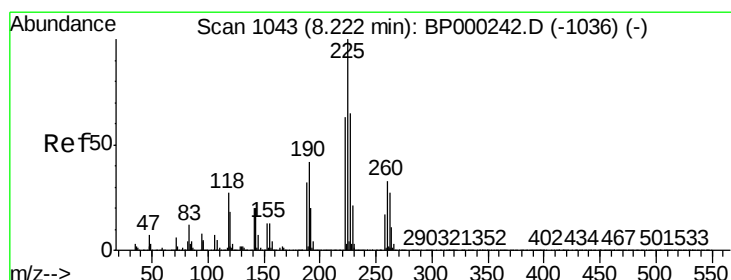
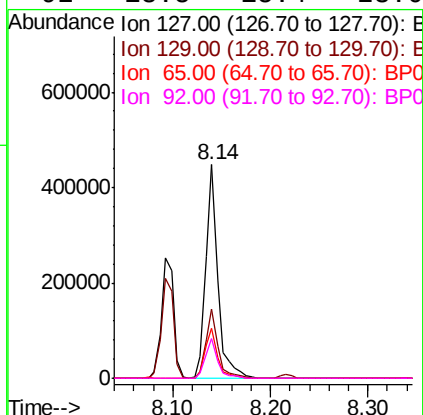
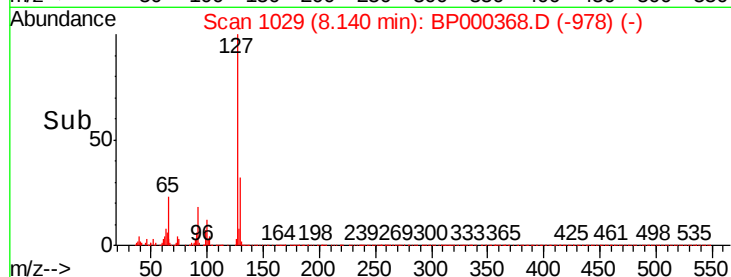
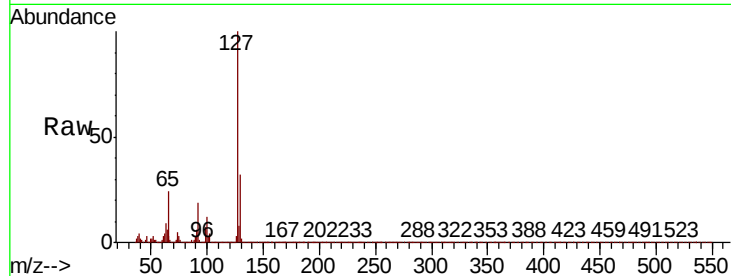
#33
4-Chloroaniline
Concen: 22.429 ng
RT: 8.14 min Scan# 1029
Delta R.T. -0.00 min
Lab File: BP000368.D
Acq: 23 Sep 2019 18:15

Instrument :
BNA_P
ClientSampleId :
PB123244BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	32.2	25.7	38.5		
65	23.6	19.9	29.9		
92	18.5	15.4	23.0		

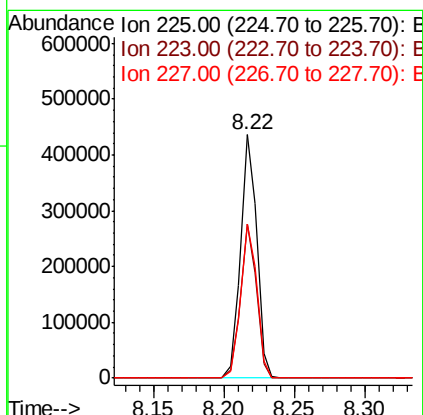
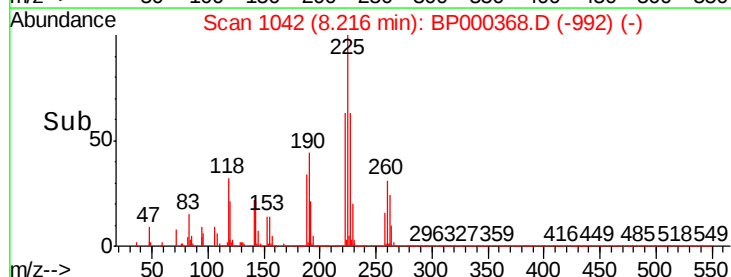
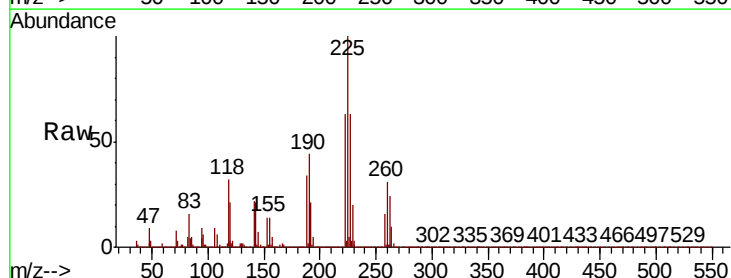
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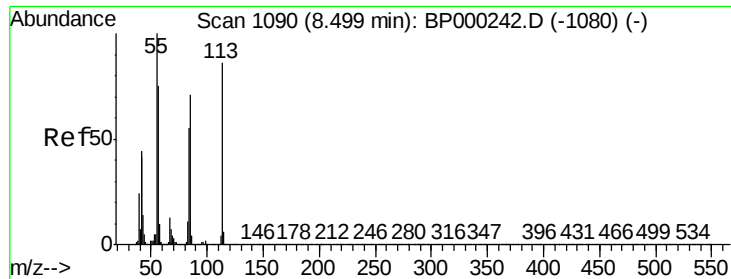
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#34
Hexachlorobutadiene
Concen: 42.854 ng
RT: 8.22 min Scan# 1042
Delta R.T. -0.01 min
Lab File: BP000368.D
Acq: 23 Sep 2019 18:15

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	63.1	50.2	75.2		
227	63.0	51.8	77.6		





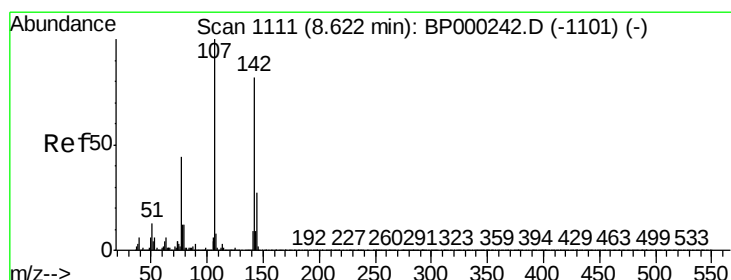
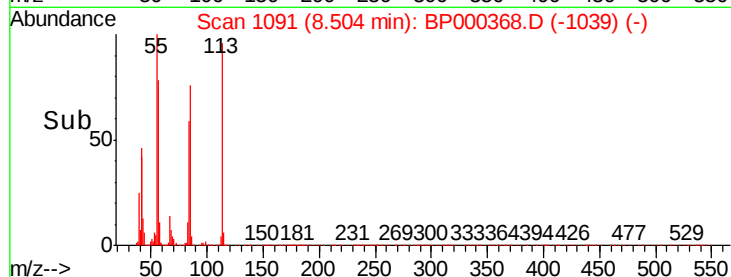
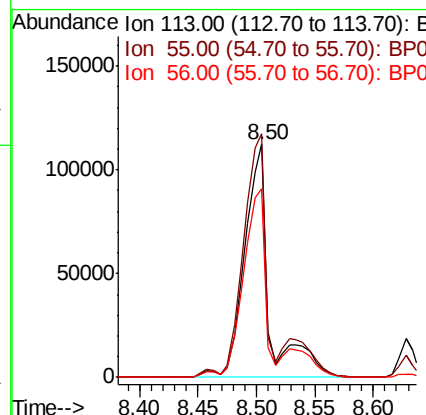
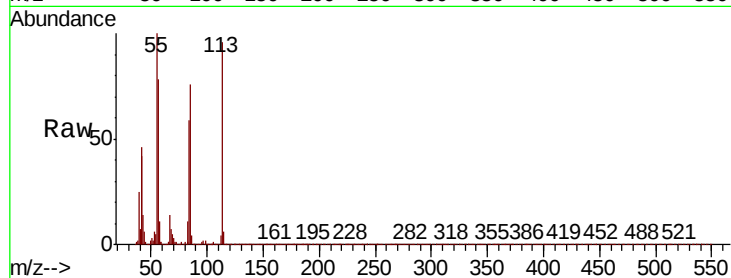
#35
 Caprolactam
 Concen: 41.578 ng/ml
 RT: 8.50 min Scan# 1091
 Delta R.T. 0.01 min
 Lab File: BP000368.D
 Acq: 23 Sep 2019 18:15

Instrument :
 BNA_P
 ClientSampleId :
 PB123244BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
113	100		168861		
55	104.6	96.8	136.8		
56	81.1	67.5	107.5		

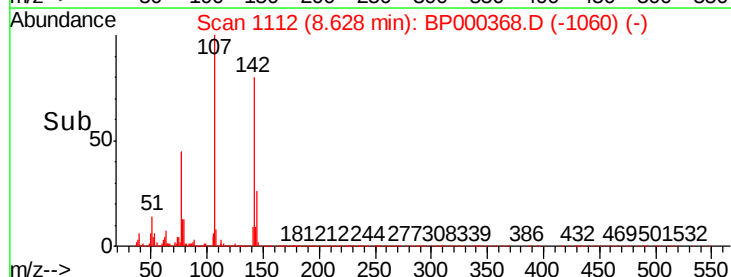
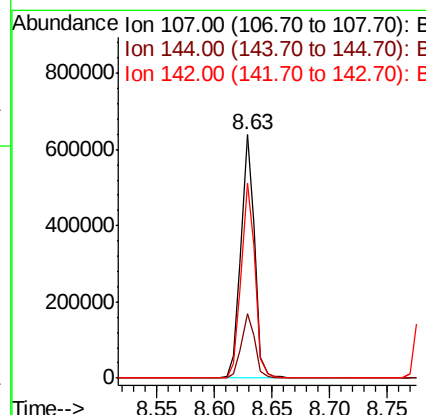
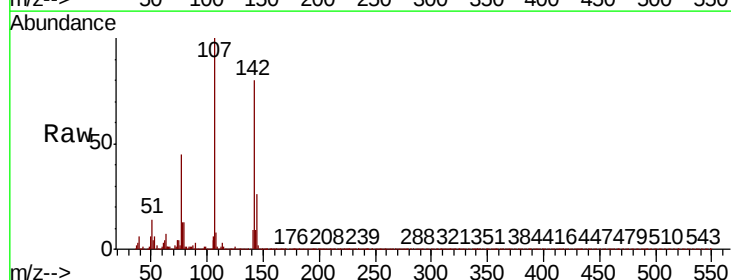
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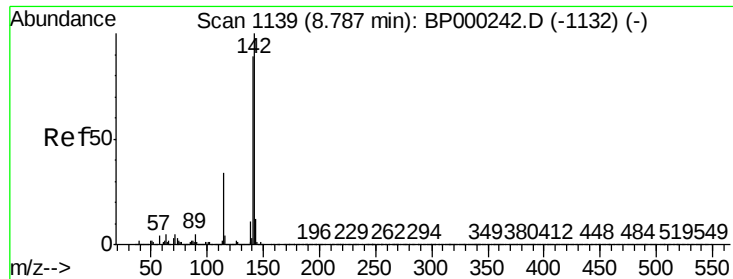
mohammad
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#36
 4-Chloro-3-methylphenol
 Concen: 43.384 ng/ml
 RT: 8.63 min Scan# 1112
 Delta R.T. 0.01 min
 Lab File: BP000368.D
 Acq: 23 Sep 2019 18:15

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100		525801		
144	26.3	21.5	32.3		
142	79.9	65.7	98.5		





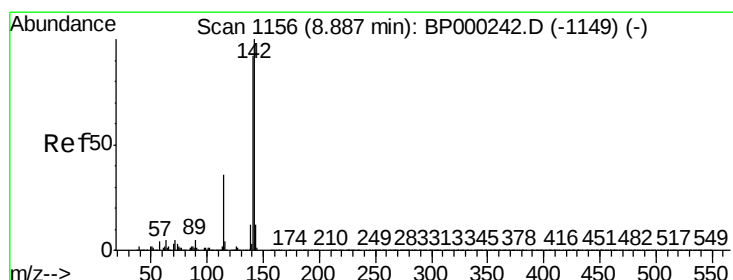
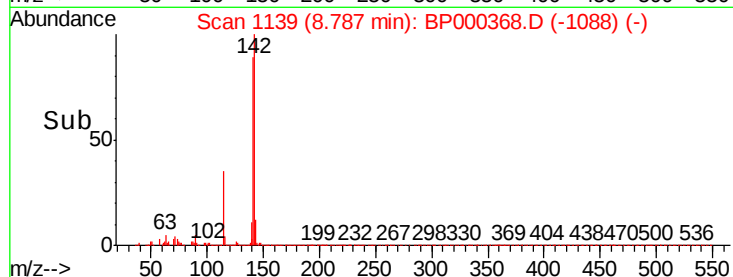
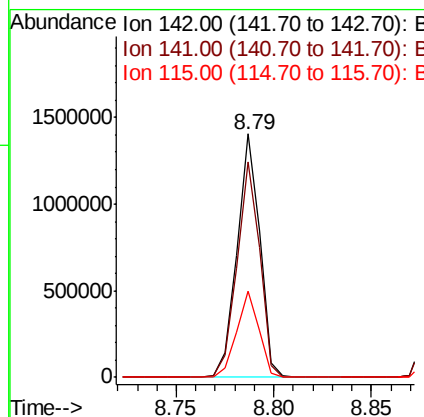
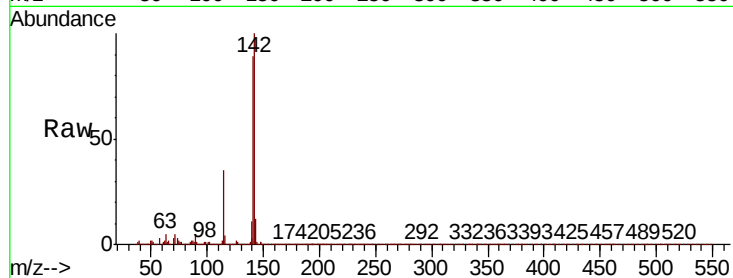
#37
2-Methylnaphthalene
Concen: 43.547 ng
RT: 8.79 min Scan# 1139
Delta R.T. -0.00 min
Lab File: BP000368.D
Acq: 23 Sep 2019 18:15

Instrument :
BNA_P
ClientSampleId :
PB123244BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	88.6	71.3	106.9
115	35.5	27.2	40.8

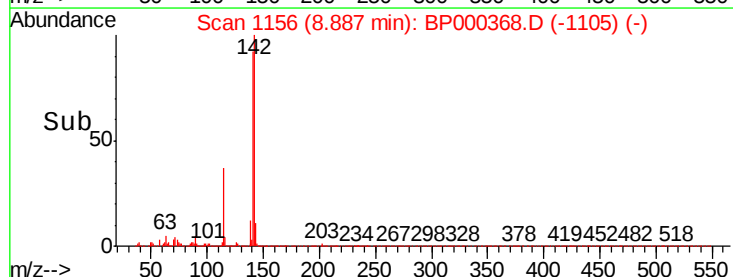
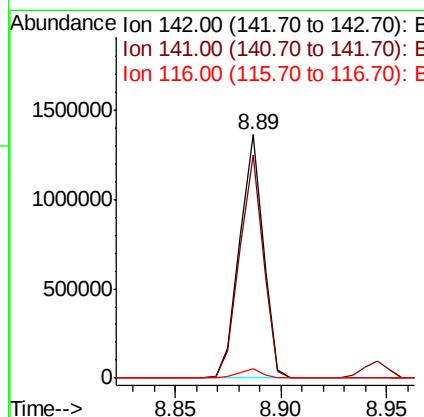
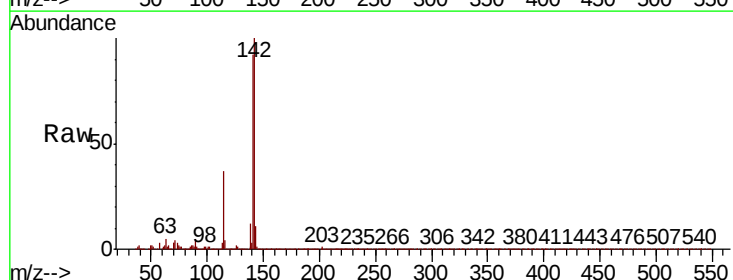
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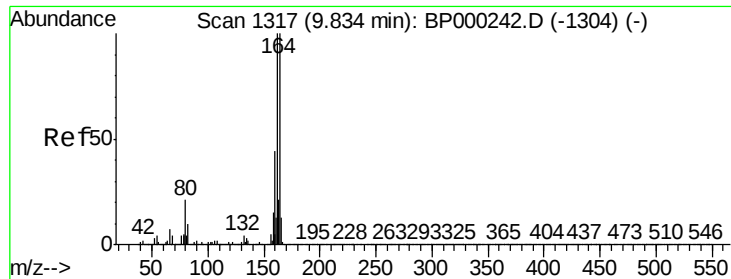
mohammad
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#38
1-Methylnaphthalene
Concen: 43.378 ng
RT: 8.89 min Scan# 1156
Delta R.T. -0.00 min
Lab File: BP000368.D
Acq: 23 Sep 2019 18:15

Tgt Ion	Ratio	Lower	Upper
142	100		
141	91.9	73.9	110.9
116	3.9	3.0	4.6





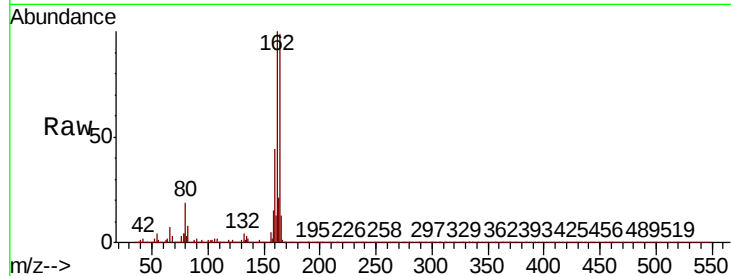
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.83 min Scan# 1317
Delta R.T. -0.00 min
Lab File: BP000368.D
Acq: 23 Sep 2019 18:15

Instrument :
BNA_P
ClientSampleId :
PB123244BS

Tot Ion	Ratio	Lower	Upper
164	100		
162	100.7	79.9	119.9
160	44.6	35.6	53.4

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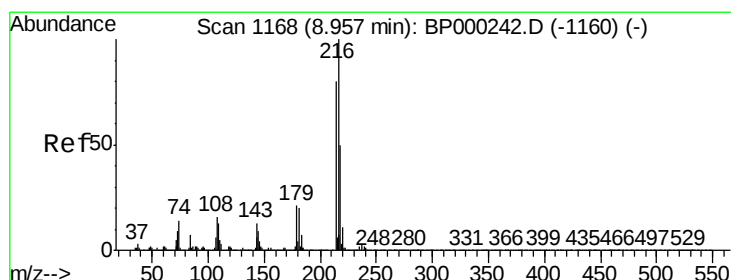
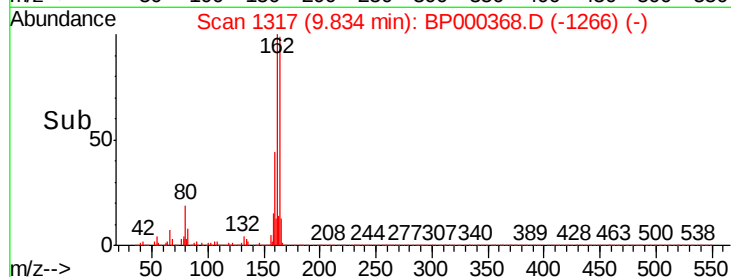
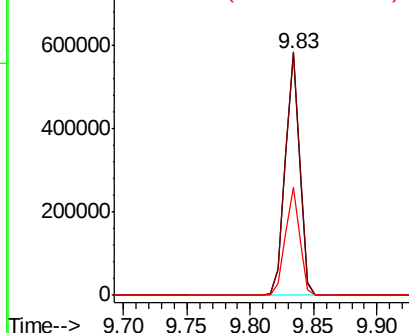


Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40
1,2,4,5-Tetrachlorobenzene
Concen: 44.591 ng
RT: 8.96 min Scan# 1168
Delta R.T. -0.00 min
Lab File: BP000368.D
Acq: 23 Sep 2019 18:15

Tgt Ion	Ratio	Lower	Upper
216	100		
214	78.6	63.6	95.4
179	21.0	17.0	25.4
108	19.1	15.1	22.7

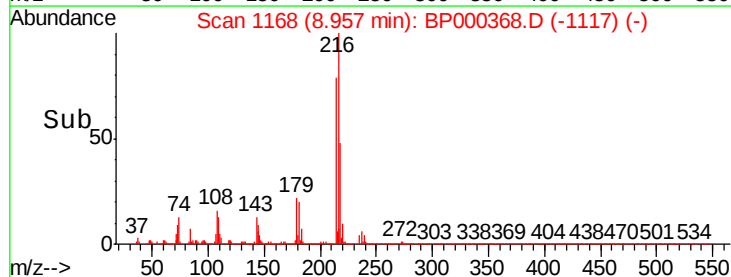
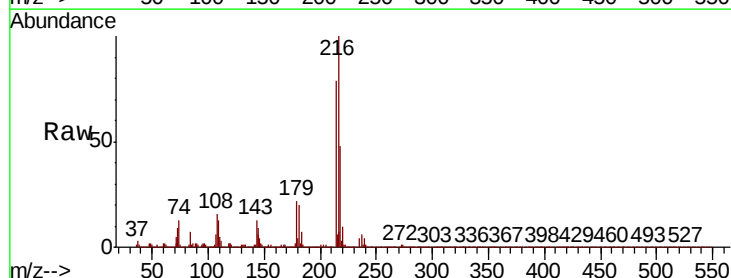
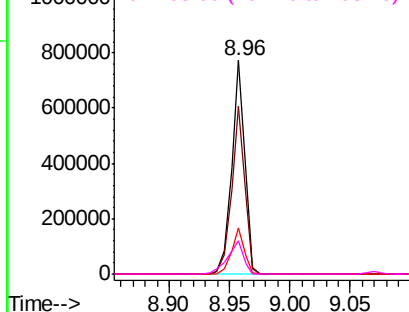
Abundance

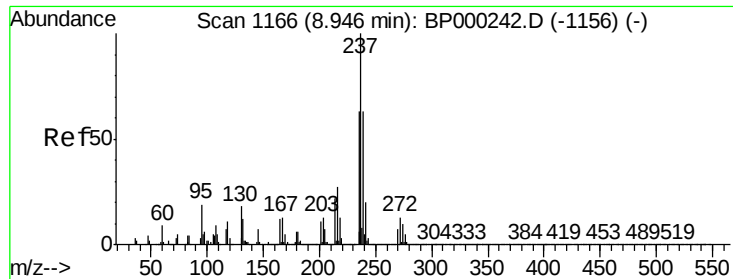
Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 84.472 ng

RT: 8.95 min Scan# 1166

Delta R.T. -0.00 min

Lab File: BP000368.D

Acq: 23 Sep 2019 18:15

Instrument :

BNA_P

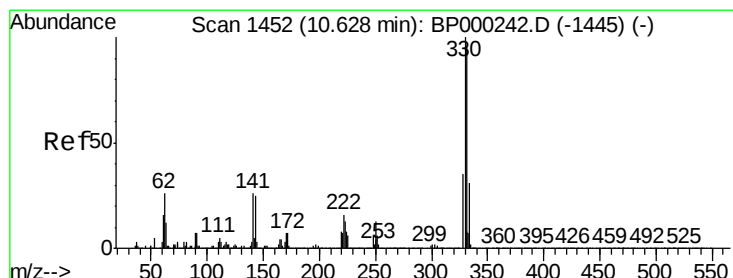
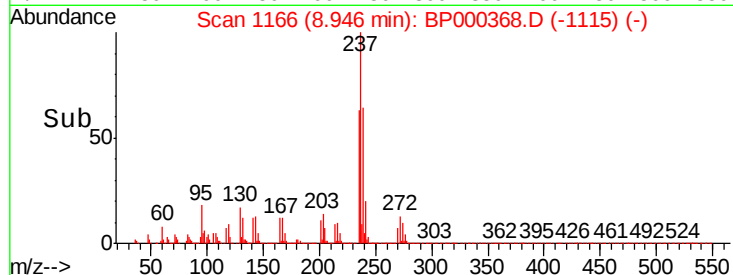
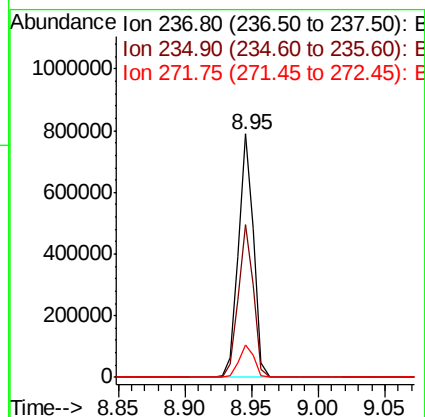
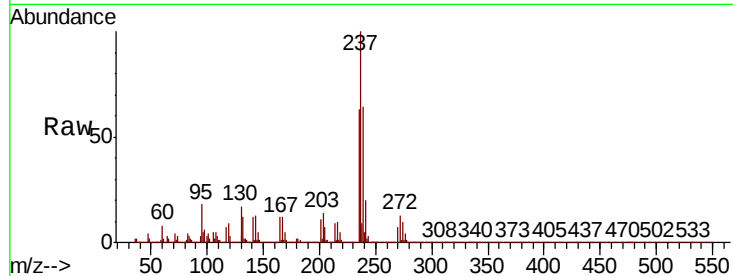
ClientSampleId :

PB123244BS

Tot Ion:	237	Resp:	628772
Ion Ratio		Lower	Upper
237	100		
235	62.9	43.5	83.5
272	13.5	0.0	33.0

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#42

2,4,6-Tribromophenol

Concen: 106.441 ng

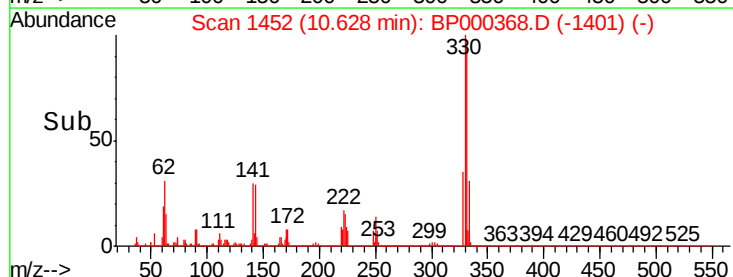
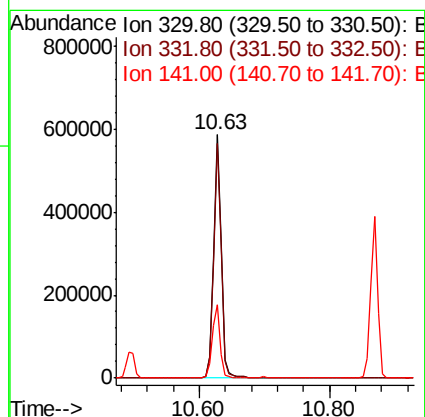
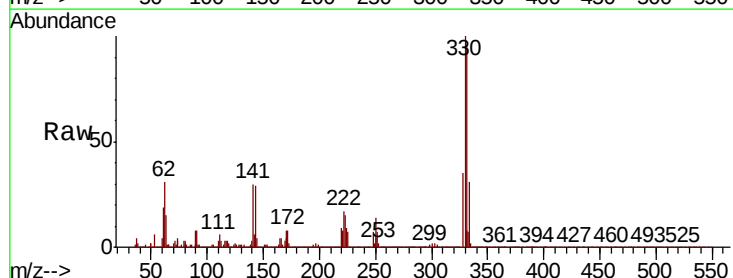
RT: 10.63 min Scan# 1452

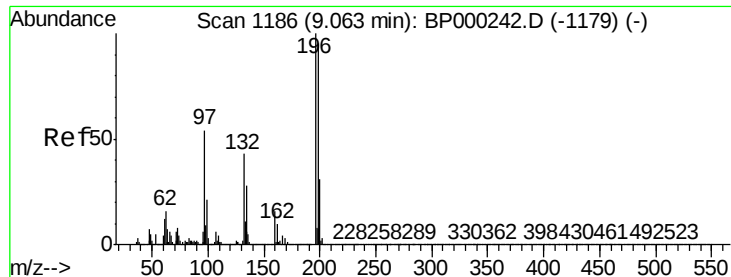
Delta R.T. -0.00 min

Lab File: BP000368.D

Acq: 23 Sep 2019 18:15

Tgt Ion:	330	Resp:	478643
Ion Ratio		Lower	Upper
330	100		
332	96.3	76.6	115.0
141	30.7	26.5	39.7





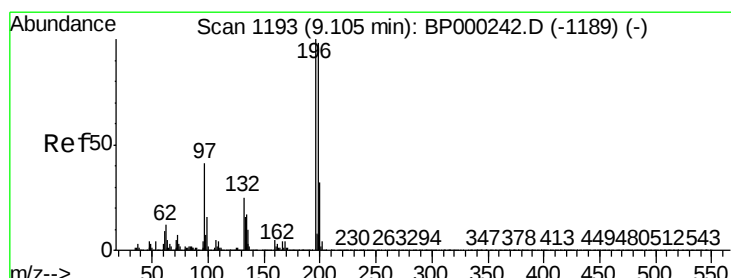
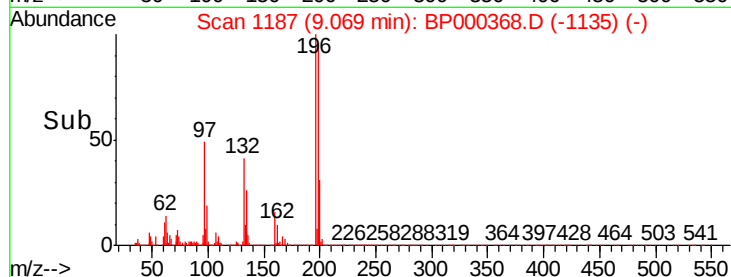
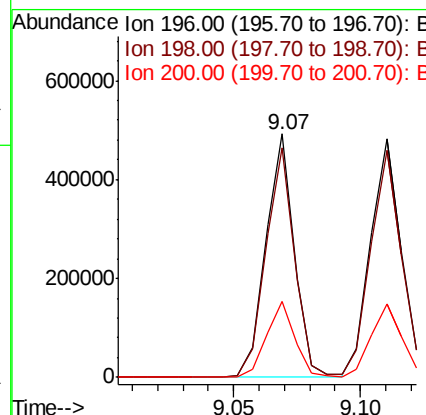
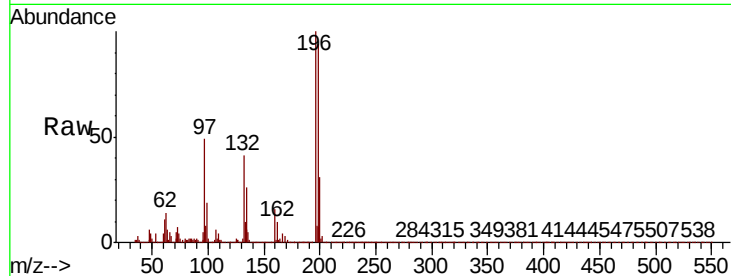
#43
 2,4,6-Trichlorophenol
 Concen: 43.335 ng
 RT: 9.07 min Scan# 1187
 Delta R.T. 0.01 min
 Lab File: BP000368.D
 Acq: 23 Sep 2019 18:15

Instrument :
 BNA_P
 ClientSampleId :
 PB123244BS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	388695		
198	94.5	76.0	114.0	
200	31.2	24.6	37.0	

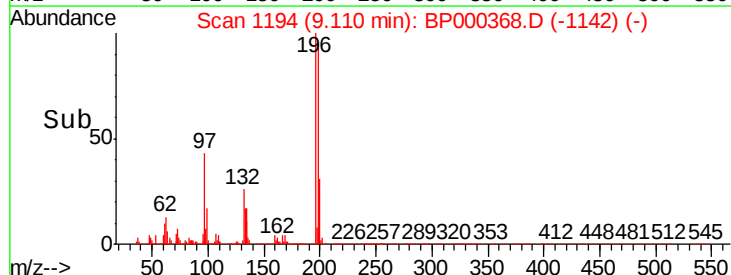
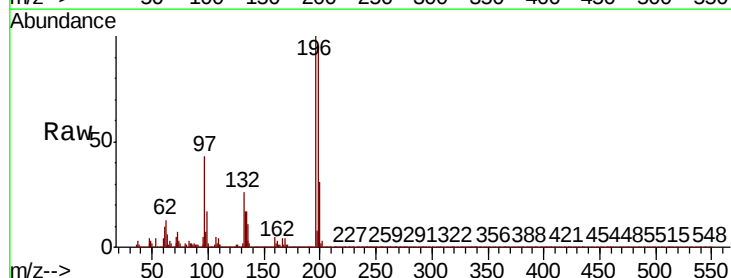
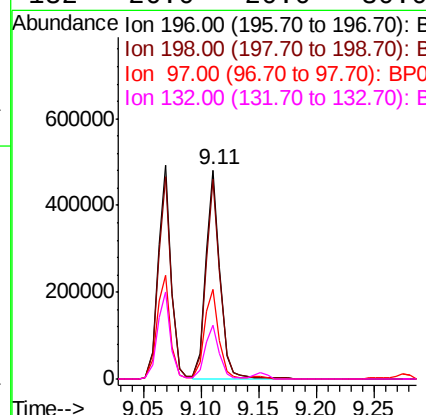
Manual Integrations
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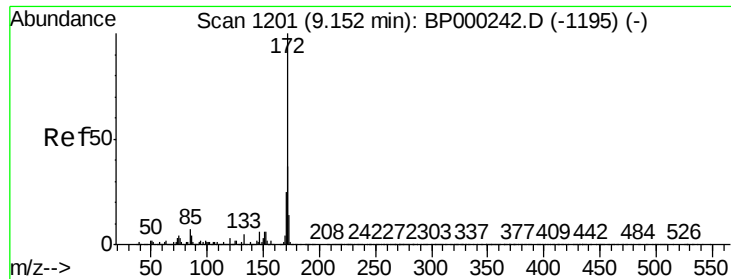
mohammad
 9/24/2019 2:38:40 PM



#44
 2,4,5-Trichlorophenol
 Concen: 45.707 ng
 RT: 9.11 min Scan# 1194
 Delta R.T. 0.01 min
 Lab File: BP000368.D
 Acq: 23 Sep 2019 18:15

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	419793		
198	95.5	78.1	117.1	
97	43.2	33.3	49.9	
132	26.0	20.0	30.0	





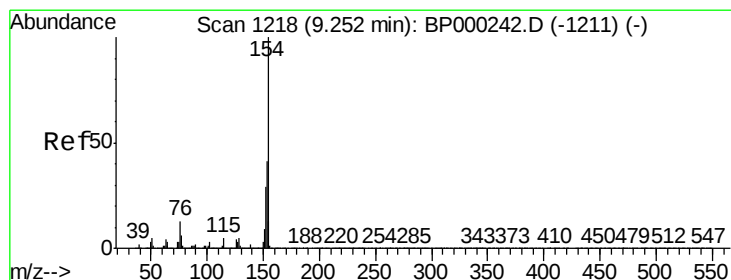
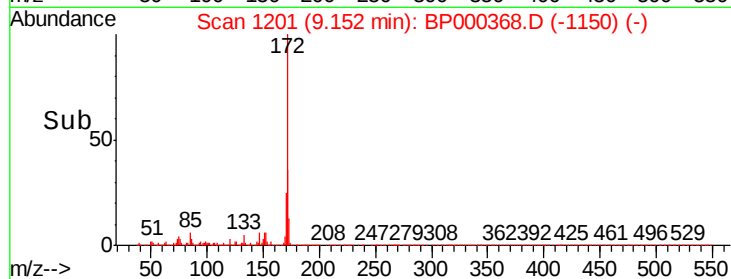
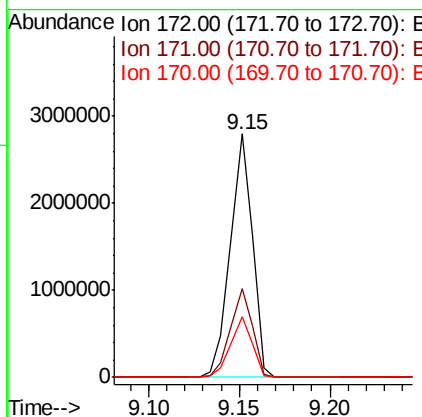
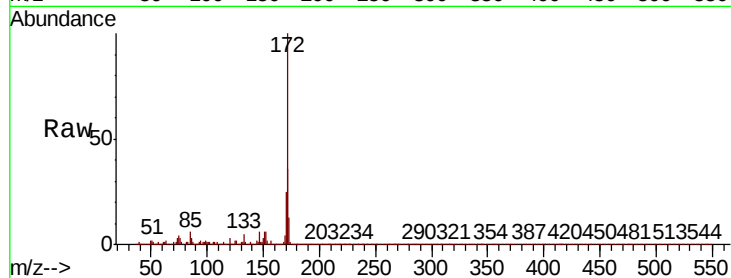
#45
2-Fluorobiphenyl
Concen: 95.145 ng
RT: 9.15 min Scan# 1201
Delta R.T. -0.00 min
Lab File: BP000368.D
Acq: 23 Sep 2019 18:15

Instrument :
BNA_P
ClientSampleId :
PB123244BS

Tot Ion	Ratio	Lower	Upper
172	100		
171	36.3	29.8	44.6
170	24.7	19.8	29.6

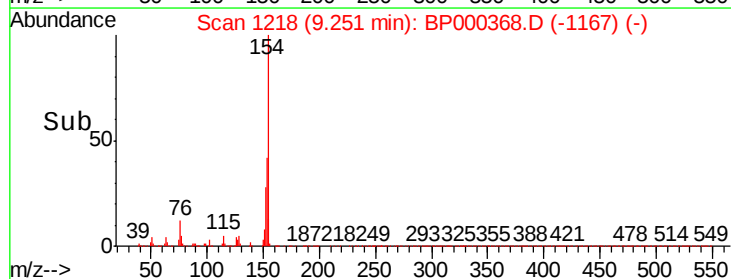
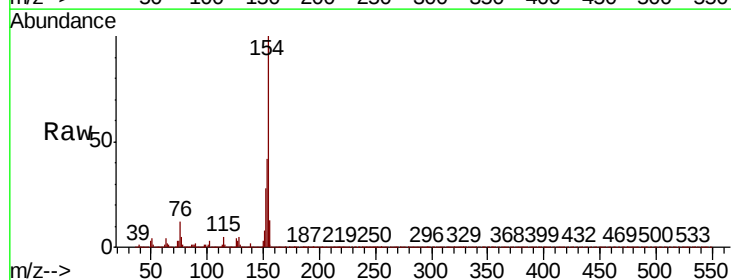
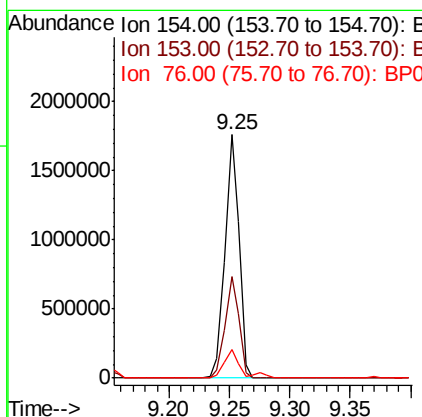
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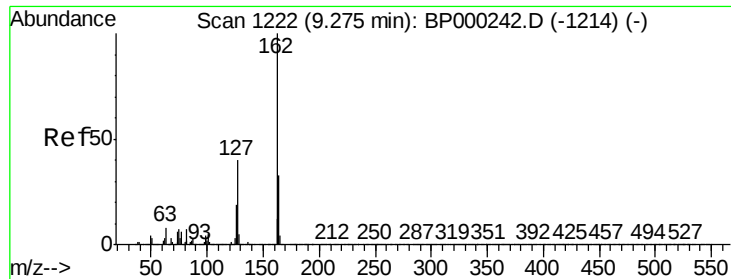
mohammad
9/24/2019 2:38:40 PM



#46
1,1'-Biphenyl
Concen: 44.877 ng
RT: 9.25 min Scan# 1218
Delta R.T. -0.00 min
Lab File: BP000368.D
Acq: 23 Sep 2019 18:15

Tgt Ion	Ratio	Lower	Upper
154	100		
153	41.7	21.4	61.4
76	11.5	0.0	33.4





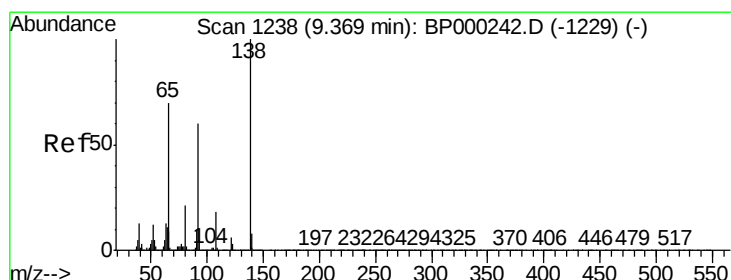
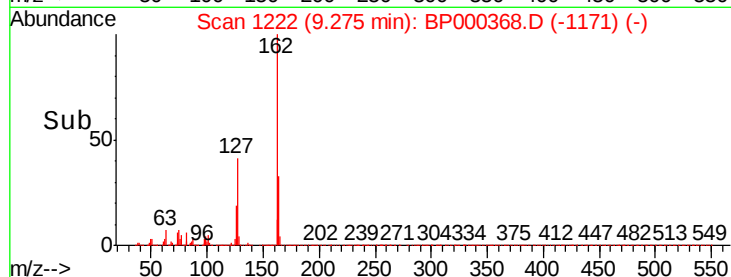
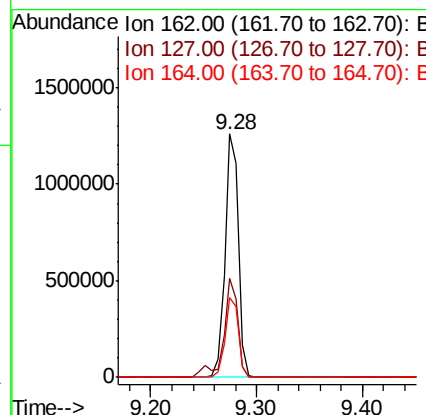
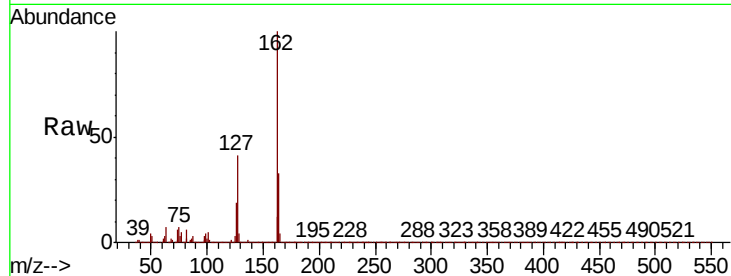
#47
2-Chloronaphthalene
Concen: 42.640 ng
RT: 9.28 min Scan# 1222
Delta R.T. -0.00 min
Lab File: BP000368.D
Acq: 23 Sep 2019 18:15

Instrument :
BNA_P
ClientSampleId :
PB123244BS

Tot Ion	Ratio	Lower	Upper
162	100		
127	40.6	32.4	48.6
164	33.0	26.3	39.5

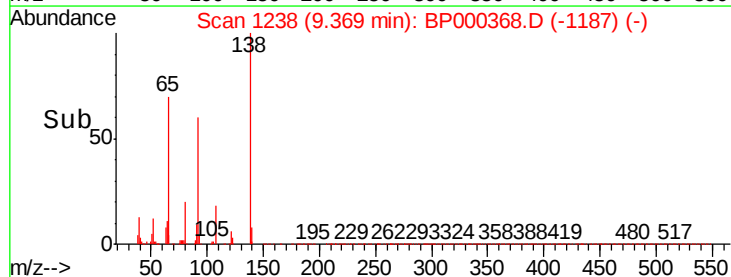
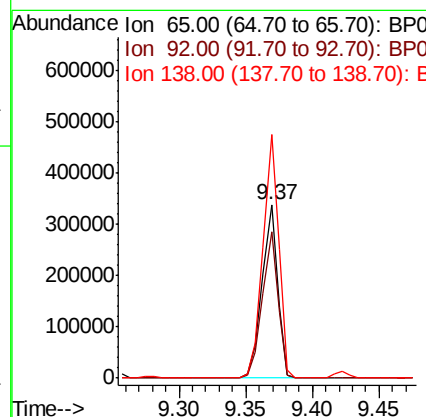
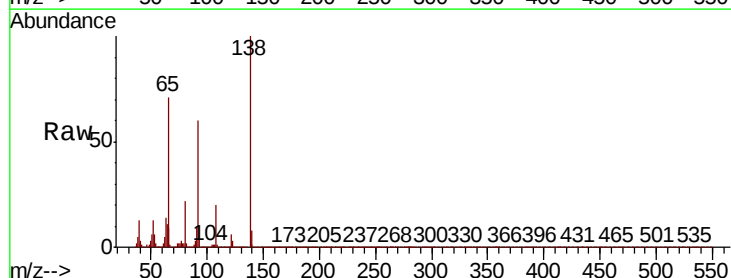
Manual Integrations
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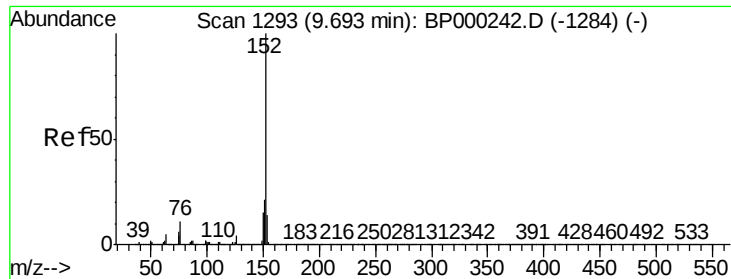
mohammad
9/24/2019 2:38:40 PM



#48
2-Nitroaniline
Concen: 40.335 ng
RT: 9.37 min Scan# 1238
Delta R.T. -0.00 min
Lab File: BP000368.D
Acq: 23 Sep 2019 18:15

Tgt Ion	Ratio	Lower	Upper
65	100		
92	84.6	68.7	103.1
138	140.5	114.4	171.6





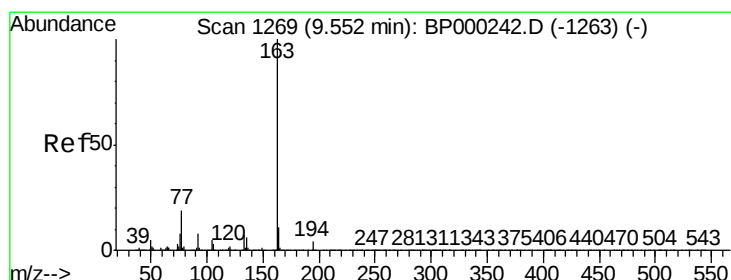
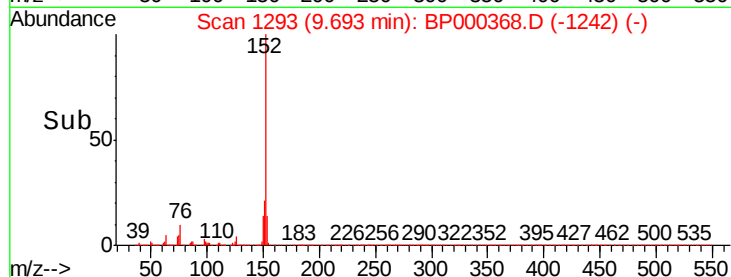
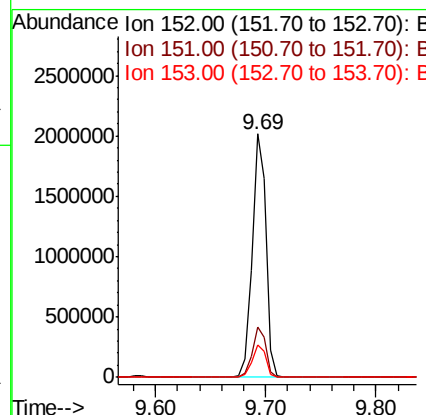
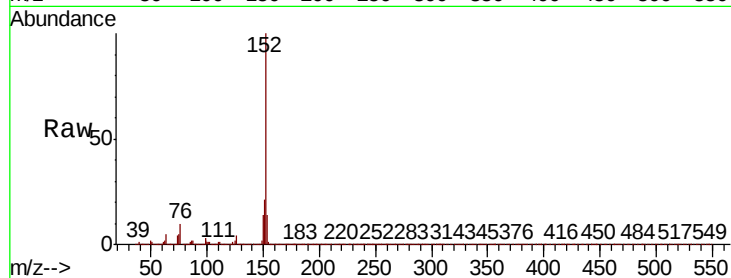
#49
Acenaphthylene
Concen: 44.424 ng
RT: 9.69 min Scan# 1293
Delta R.T. -0.00 min
Lab File: BP000368.D
Acq: 23 Sep 2019 18:15

Instrument :
BNA_P
ClientSampleId :
PB123244BS

Tot Ion	Ratio	Lower	Upper
152	100		
151	20.7	16.4	24.6
153	13.5	11.0	16.4

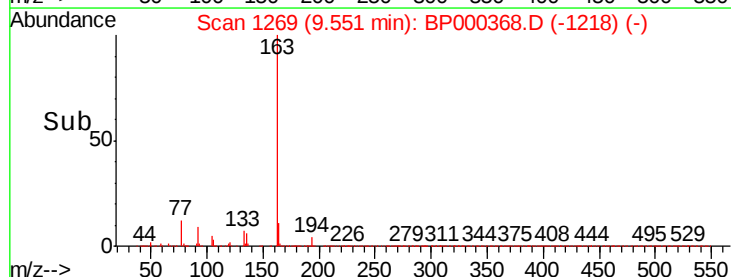
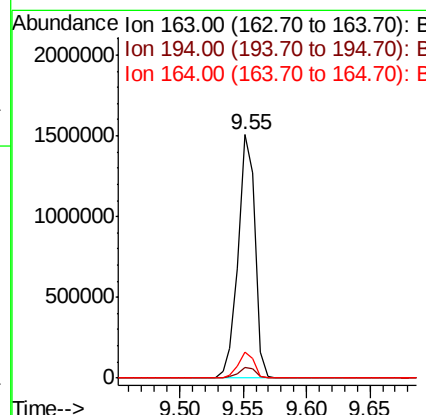
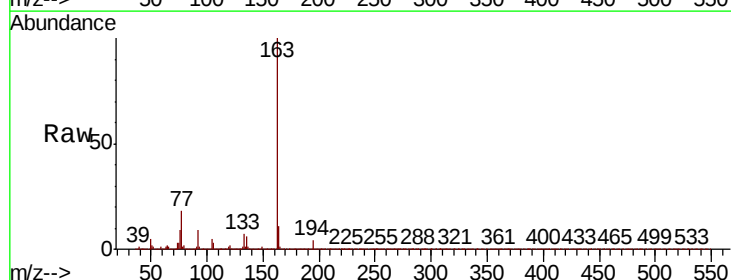
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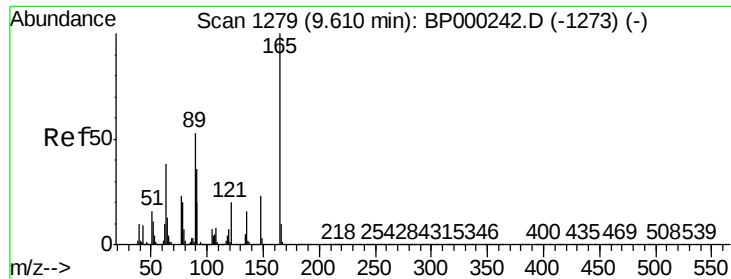
mohammad
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#50
Dimethylphthalate
Concen: 44.016 ng
RT: 9.55 min Scan# 1269
Delta R.T. -0.00 min
Lab File: BP000368.D
Acq: 23 Sep 2019 18:15

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





#51

2,6-Dinitrotoluene

Concen: 45.905 ng

RT: 9.62 min Scan# 1280

Delta R.T. 0.01 min

Lab File: BP000368.D

Acq: 23 Sep 2019 18:15

Instrument :

BNA_P

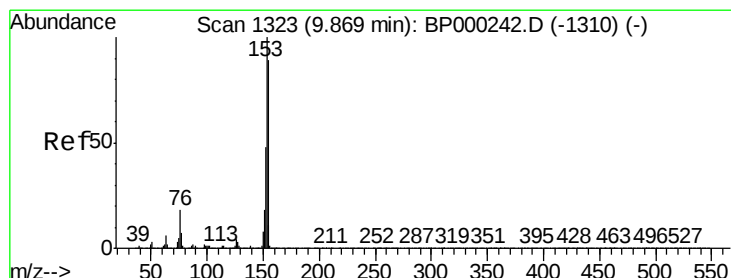
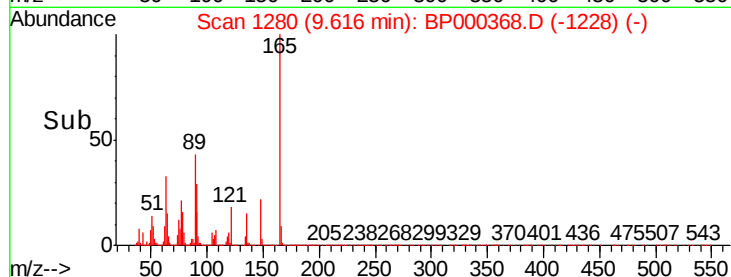
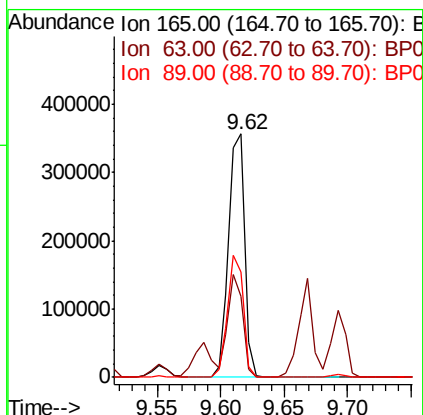
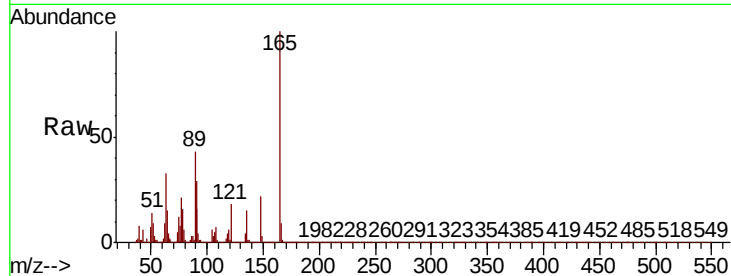
ClientSampleId :

PB123244BS

Tot Ion:	165	Resp:	311772
Ion Ratio	Lower	Upper	
165	100		
63	33.2	35.8	53.8#
89	43.4	42.6	63.8

Manual Integrations
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#52

Acenaphthene

Concen: 41.680 ng

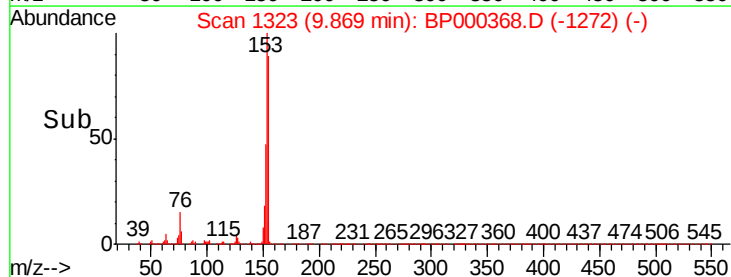
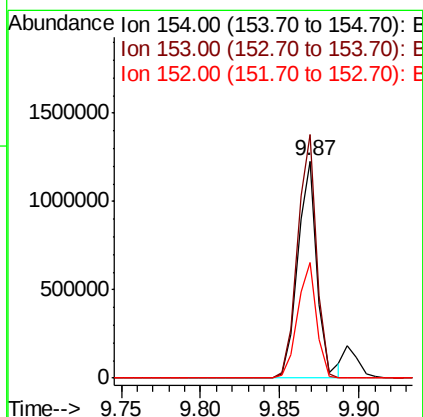
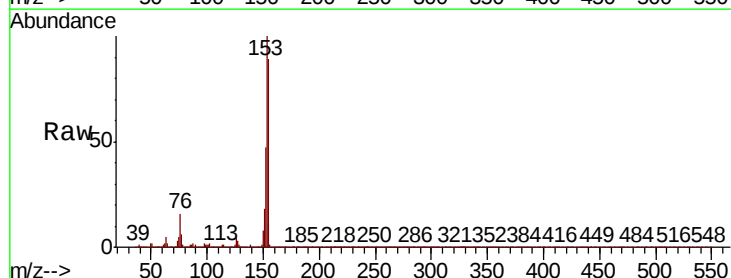
RT: 9.87 min Scan# 1323

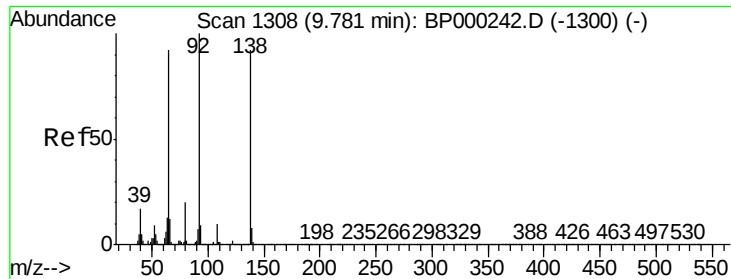
Delta R.T. -0.00 min

Lab File: BP000368.D

Acq: 23 Sep 2019 18:15

Tgt Ion:	154	Resp:	1040183
Ion Ratio	Lower	Upper	
154	100		
153	112.1	89.8	134.6
152	53.1	43.4	65.0





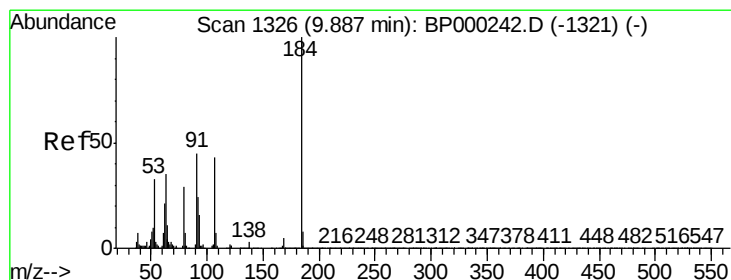
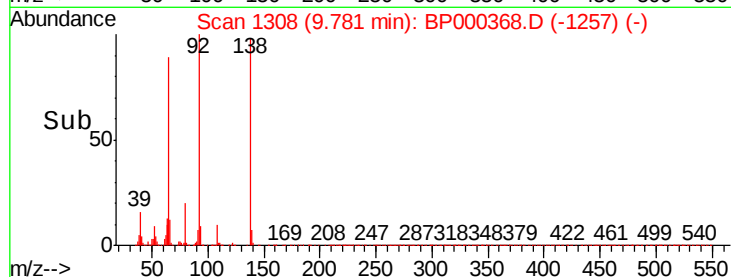
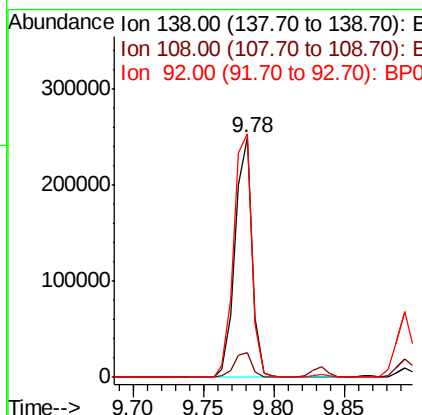
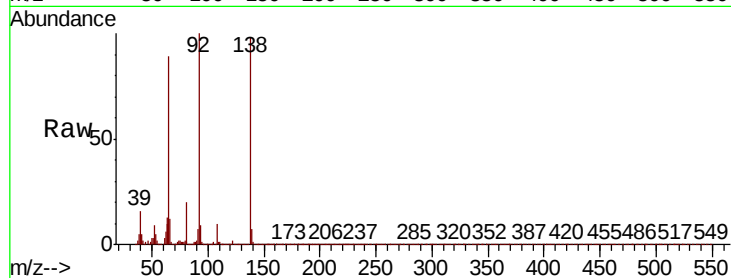
#53
3-Nitroaniline
Concen: 26.506 ng
RT: 9.78 min Scan# 1308
Delta R.T. -0.00 min
Lab File: BP000368.D
Acq: 23 Sep 2019 18:15

Instrument :
BNA_P
ClientSampleId :
PB123244BS

Tot Ion	Ratio	Lower	Upper
138	100		
108	10.5	9.1	13.7
92	101.8	86.7	130.1

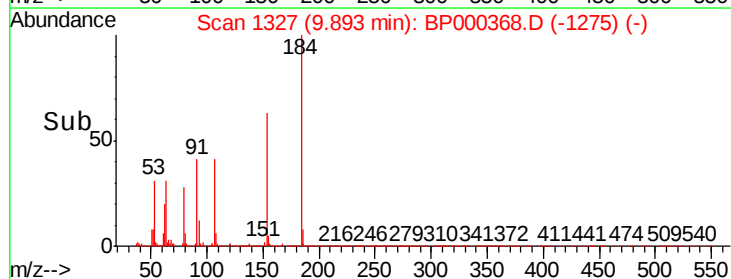
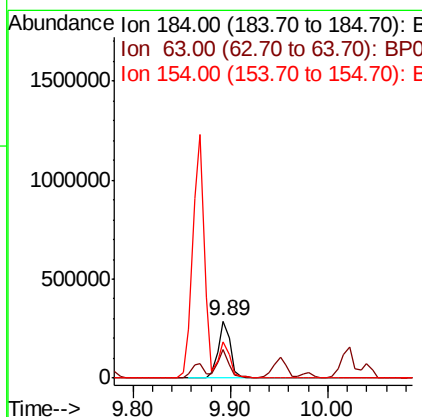
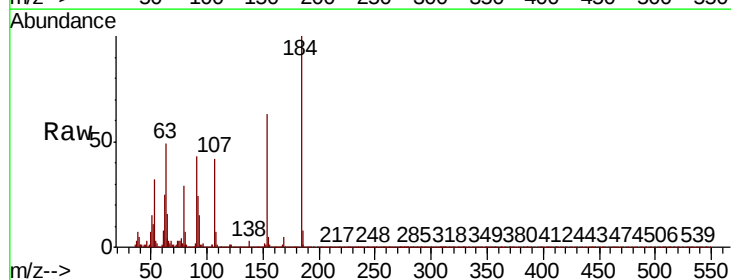
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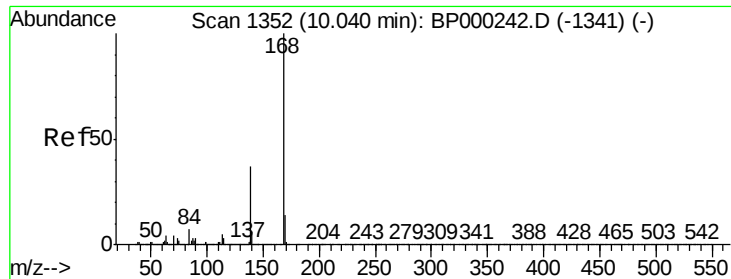
mohammad
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#54
2,4-Dinitrophenol
Concen: 86.502 ng
RT: 9.89 min Scan# 1327
Delta R.T. 0.01 min
Lab File: BP000368.D
Acq: 23 Sep 2019 18:15

Tgt Ion	Ratio	Lower	Upper
184	100		
63	49.2	39.5	59.3
154	63.1	48.8	73.2





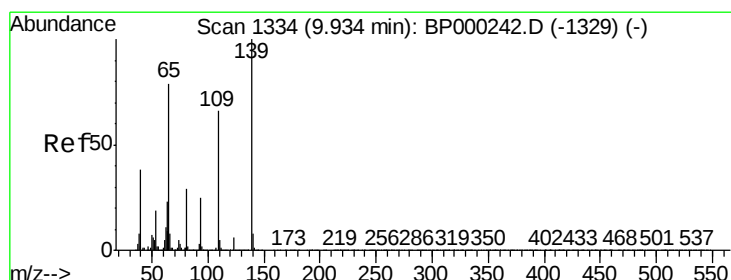
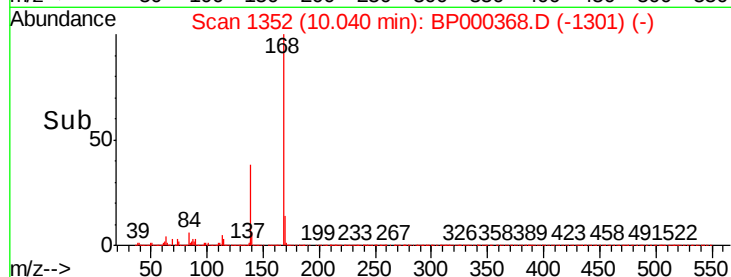
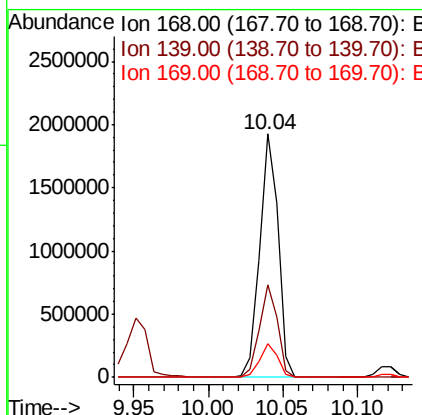
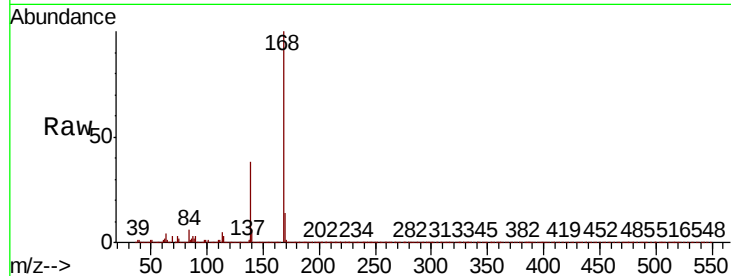
#55
Dibenzofuran
Concen: 45.808 ng
RT: 10.04 min Scan# 1352
Delta R.T. -0.00 min
Lab File: BP000368.D
Acq: 23 Sep 2019 18:15

Instrument :
BNA_P
ClientSampled :
PB123244BS

Tot Ion	Ratio	Lower	Upper
168	100		
139	38.2	30.0	45.0
169	14.0	11.0	16.6

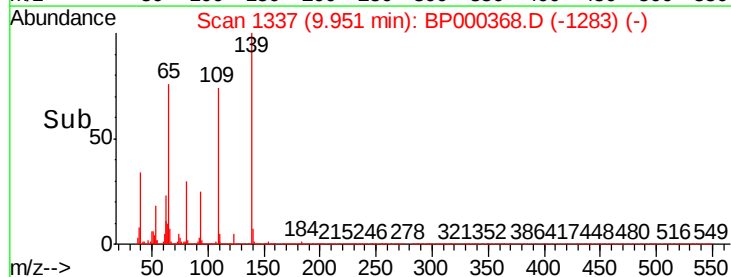
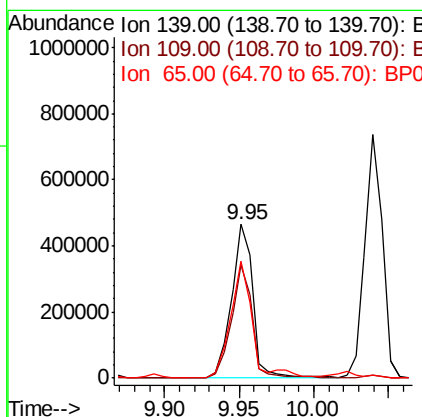
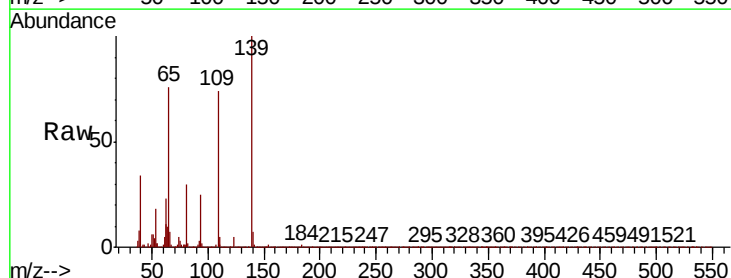
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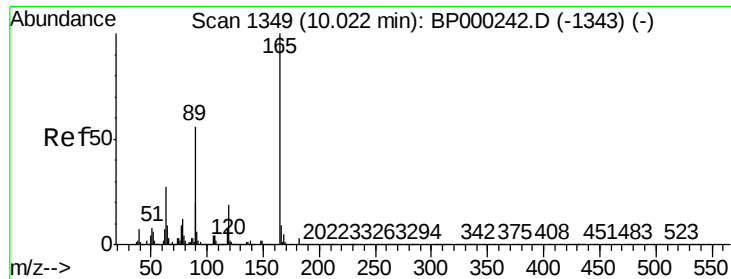
mohammad
9/24/2019 2:38:40 PM



#56
4-Nitrophenol
Concen: 80.703 ng
RT: 9.95 min Scan# 1337
Delta R.T. 0.02 min
Lab File: BP000368.D
Acq: 23 Sep 2019 18:15

Tgt Ion	Ratio	Lower	Upper
139	100		
109	73.8	46.2	86.2
65	76.2	59.4	99.4





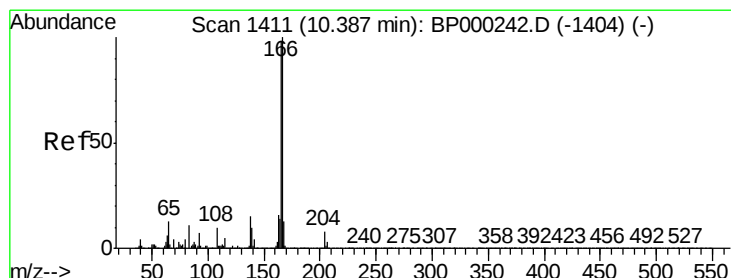
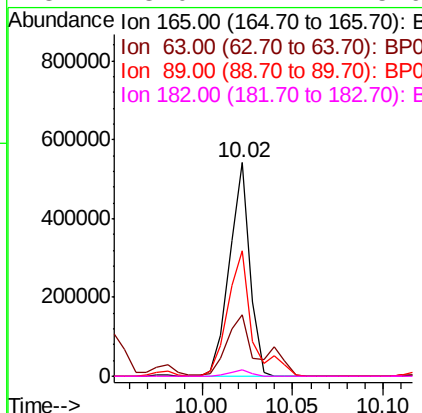
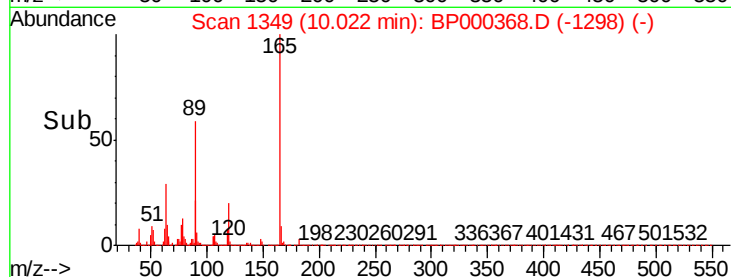
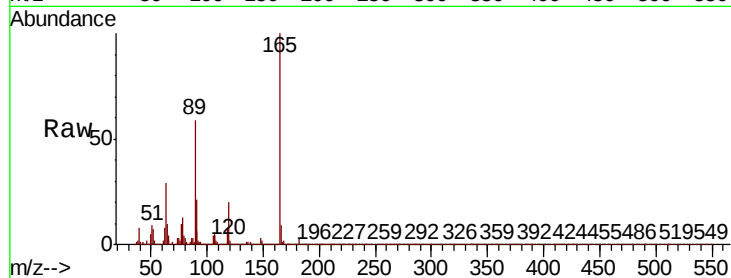
#57
2,4-Dinitrotoluene
Concen: 47.697 ng
RT: 10.02 min Scan# 1349
Delta R.T. -0.00 min
Lab File: BP000368.D
Acq: 23 Sep 2019 18:15

Instrument :
BNA_P
ClientSampleId :
PB123244BS

Tot Ion	Ratio	Lower	Upper
165	100		
63	28.9	21.7	32.5
89	58.6	45.0	67.6
182	3.0	2.4	3.6

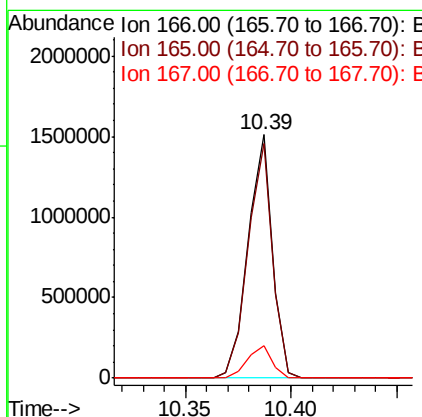
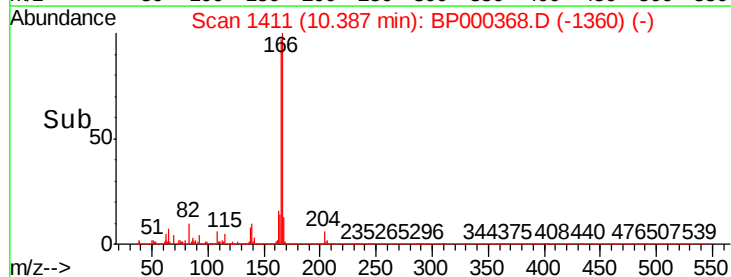
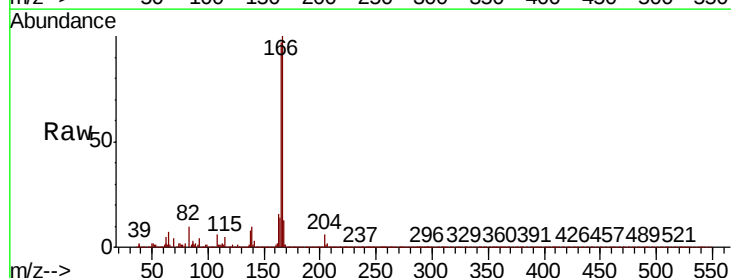
Manual Integrations
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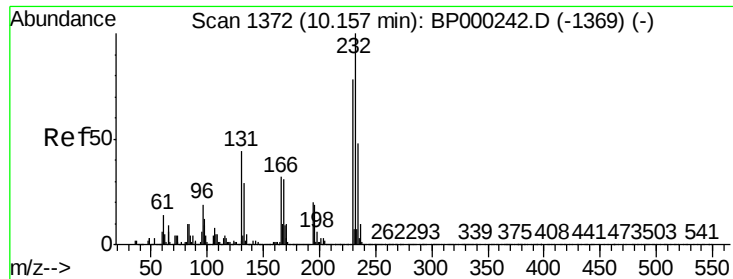
mohammad
9/24/2019 2:38:40 PM



#58
Fluorene
Concen: 44.497 ng
RT: 10.39 min Scan# 1411
Delta R.T. -0.00 min
Lab File: BP000368.D
Acq: 23 Sep 2019 18:15

Tgt Ion	Ratio	Lower	Upper
166	100		
165	96.6	78.2	117.2
167	13.3	10.7	16.1





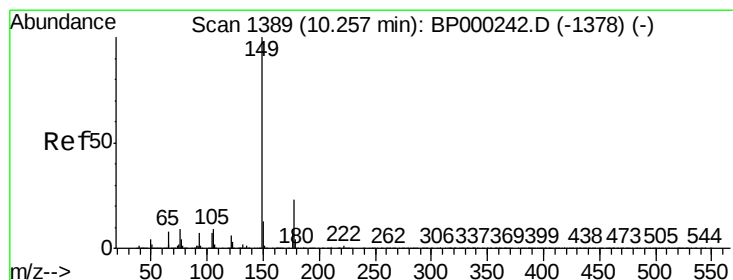
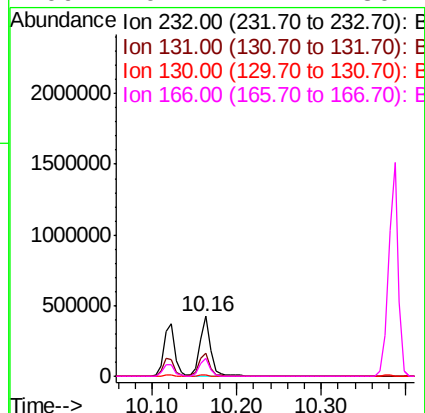
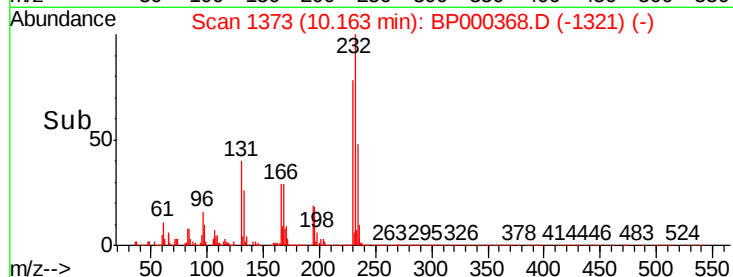
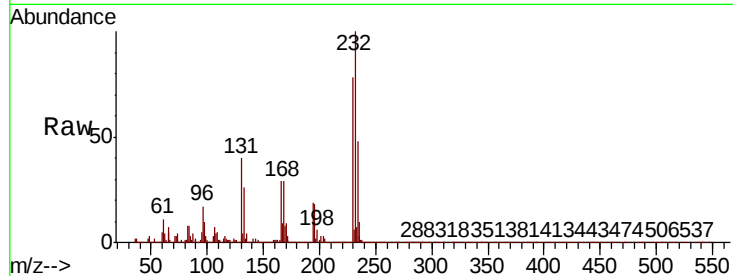
#59
2,3,4,6-Tetrachlorophenol
Concen: 47.800 ng
RT: 10.16 min Scan# 1373
Delta R.T. 0.01 min
Lab File: BP000368.D
Acq: 23 Sep 2019 18:15

Instrument :
BNA_P
ClientSampleId :
PB123244BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
232	100		361250		
131	40.5	33.6	50.4		
130	2.2	1.8	2.6		
166	29.4	24.2	36.2		

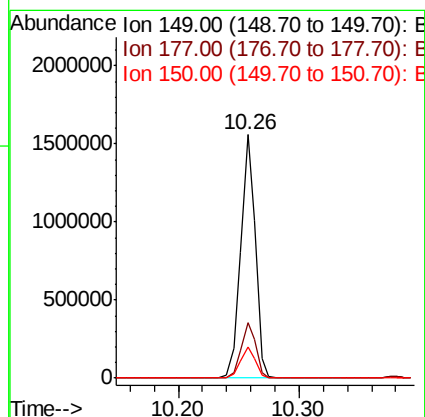
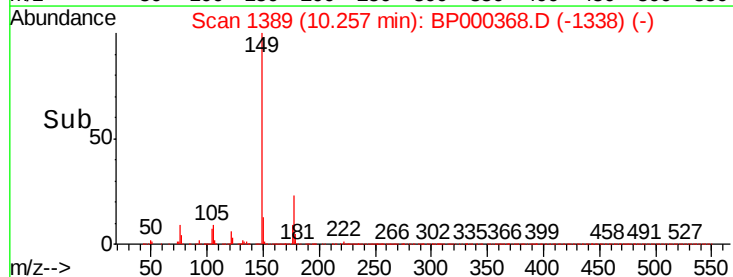
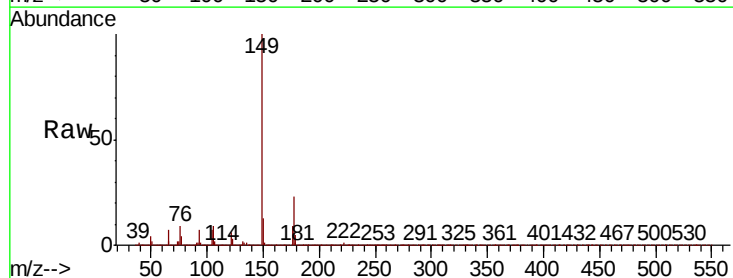
Manual Integrations
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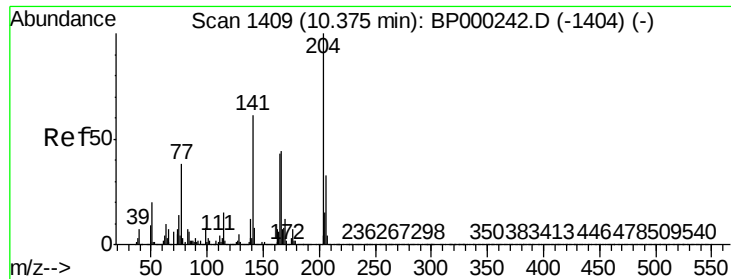
mohammad
9/24/2019 2:38:40 PM



#60
Diethylphthalate
Concen: 44.264 ng
RT: 10.26 min Scan# 1389
Delta R.T. -0.00 min
Lab File: BP000368.D
Acq: 23 Sep 2019 18:15

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
149	100		1315256		
177	23.0	18.1	27.1		
150	13.0	10.3	15.5		





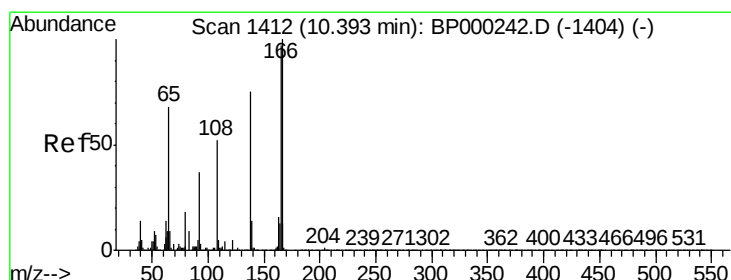
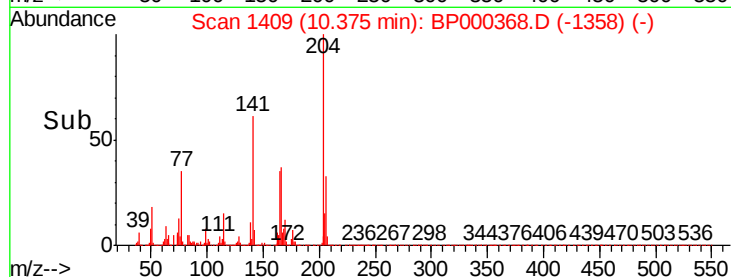
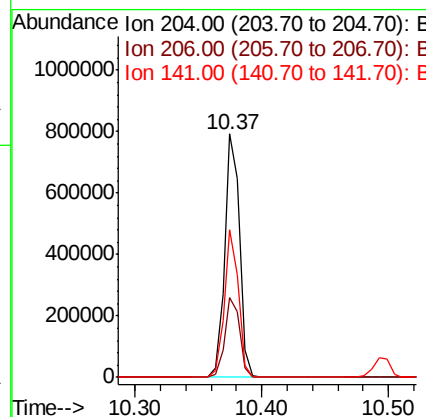
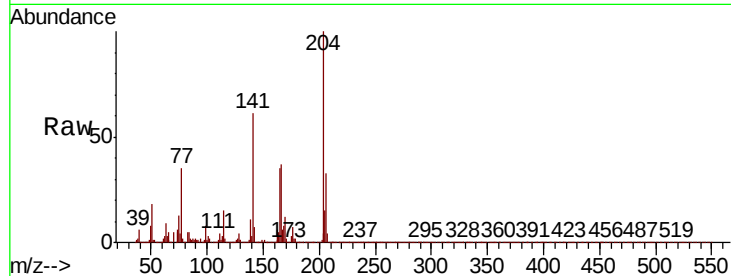
#61
4-Chlorophenyl-phenylether
Concen: 46.430 ng
RT: 10.37 min Scan# 1409
Delta R.T. -0.00 min
Lab File: BP000368.D
Acq: 23 Sep 2019 18:15

Instrument :
BNA_P
ClientSampled :
PB123244BS

Tot Ion	Ratio	Lower	Upper
204	100		
206	32.9	26.3	39.5
141	60.8	48.6	72.8

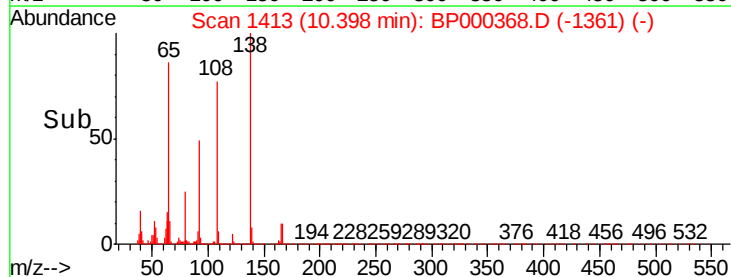
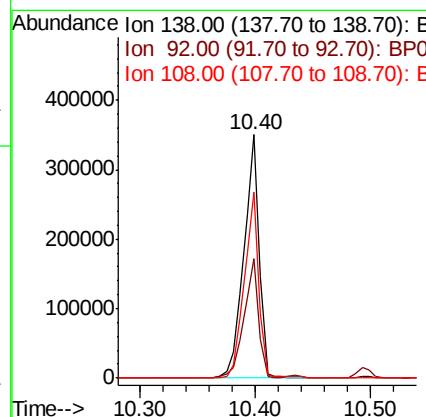
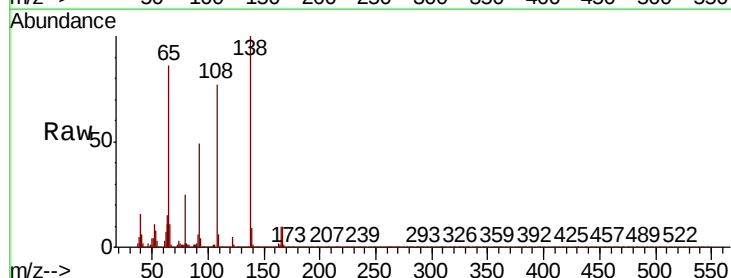
Manual Integrations
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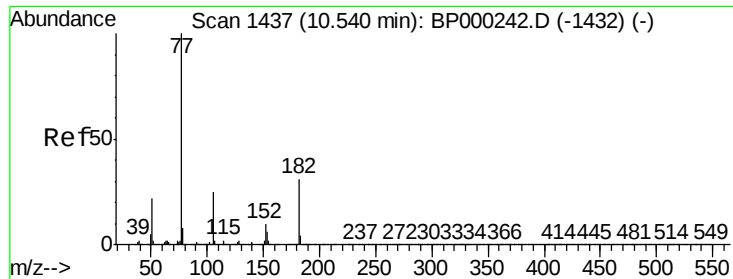
mohammad
9/24/2019 2:38:40 PM



#62
4-Nitroaniline
Concen: 41.809 ng
RT: 10.40 min Scan# 1413
Delta R.T. 0.01 min
Lab File: BP000368.D
Acq: 23 Sep 2019 18:15

Tgt Ion	Ratio	Lower	Upper
138	100		
92	48.8	30.1	70.1
108	76.6	49.5	89.5





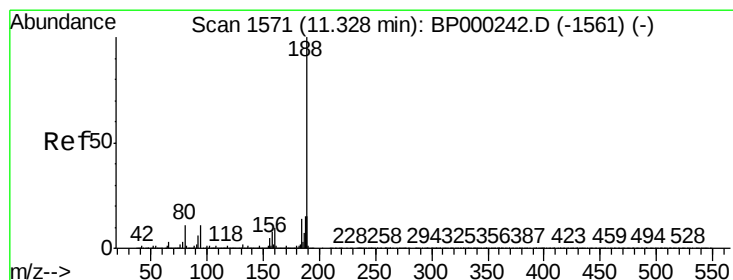
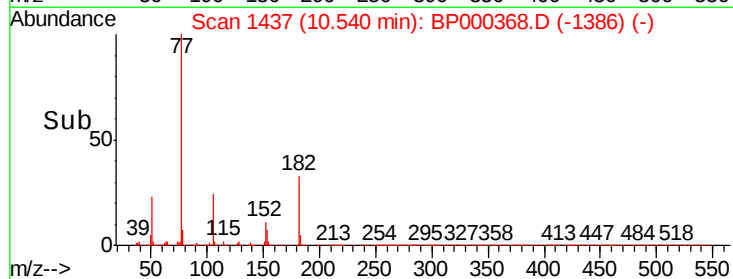
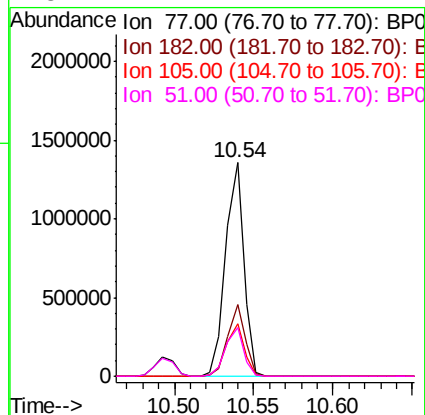
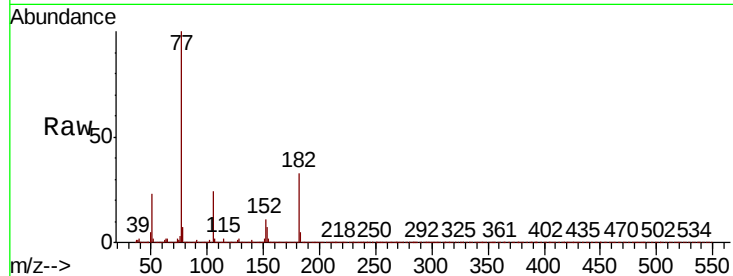
#63
Azobenzene
Concen: 43.131 ng
RT: 10.54 min Scan# 1437
Delta R.T. -0.00 min
Lab File: BP000368.D
Acq: 23 Sep 2019 18:15

Instrument :
BNA_P
ClientSampleId :
PB123244BS

Tot Ion	Ion	Ratio	Lower	Upper
77	100			
182	33.4	11.1	51.1	
105	24.5	4.7	44.7	
51	22.7	2.2	42.2	

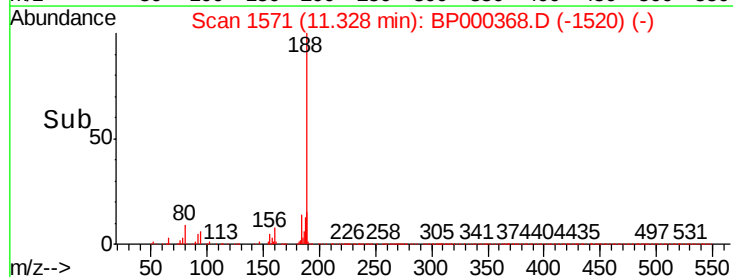
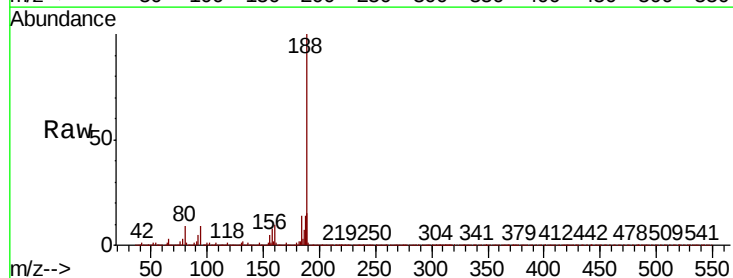
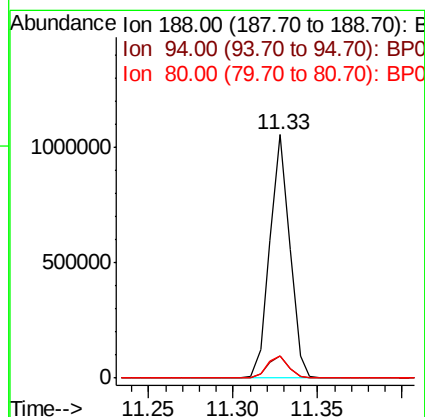
Manual Integrations
APPROVED

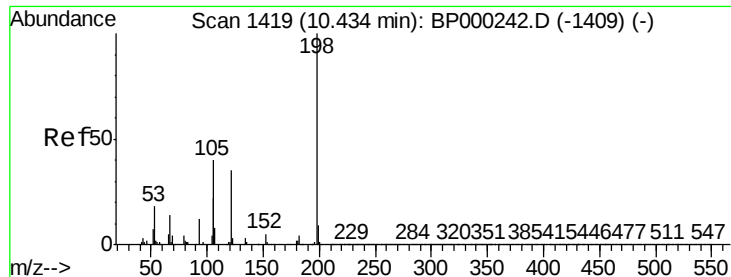
mohammad
9/24/2019 2:38:40 PM



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.33 min Scan# 1571
Delta R.T. -0.00 min
Lab File: BP000368.D
Acq: 23 Sep 2019 18:15

Tgt Ion	Ion	Ratio	Lower	Upper
188	100			
94	9.1	8.5	12.7	
80	9.3	8.6	13.0	





#65

4,6-Dinitro-2-methylphenol

Concen: 45.788 ng

RT: 10.43 min Scan# 1419

Delta R.T. -0.00 min

Lab File: BP000368.D

Acq: 23 Sep 2019 18:15

Instrument :

BNA_P

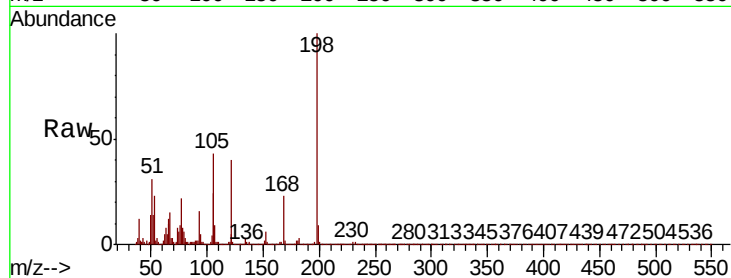
ClientSampleId :

PB123244BS

Tot Ion:	198	Resp:	186223
Ion Ratio	Lower	Upper	
198	100		
51	30.6	7.4	47.4
105	42.9	20.2	60.2

Manual Integrations
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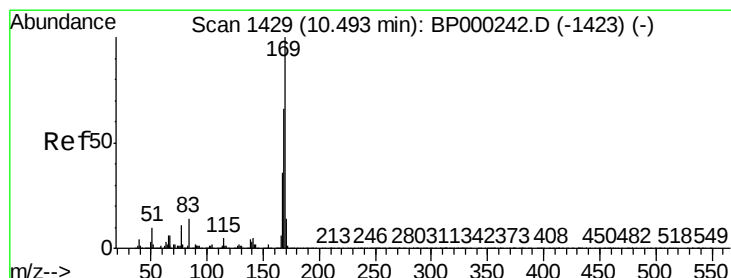
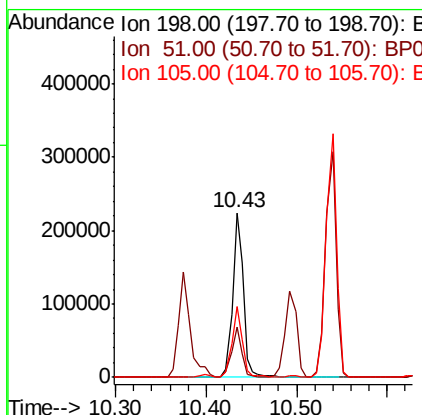
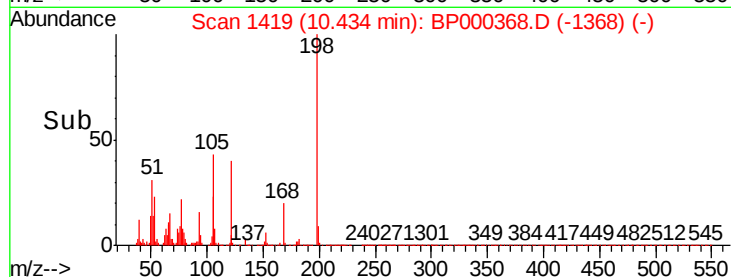
mohammad
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Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BP

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 43.369 ng

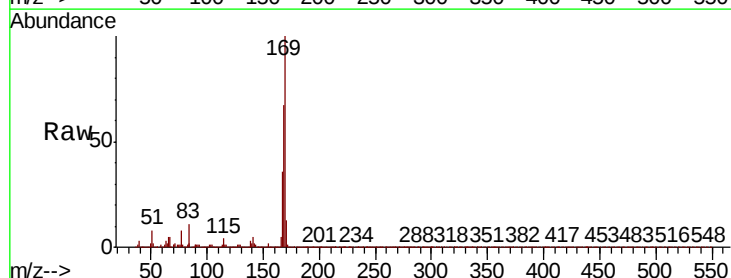
RT: 10.50 min Scan# 1430

Delta R.T. 0.01 min

Lab File: BP000368.D

Acq: 23 Sep 2019 18:15

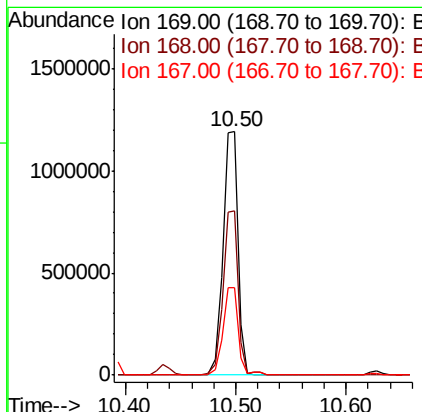
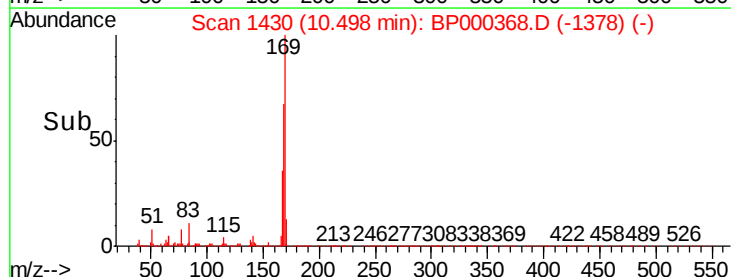
Tgt Ion:	169	Resp:	1129265
Ion Ratio	Lower	Upper	
169	100		
168	67.4	52.9	79.3
167	36.1	29.0	43.6

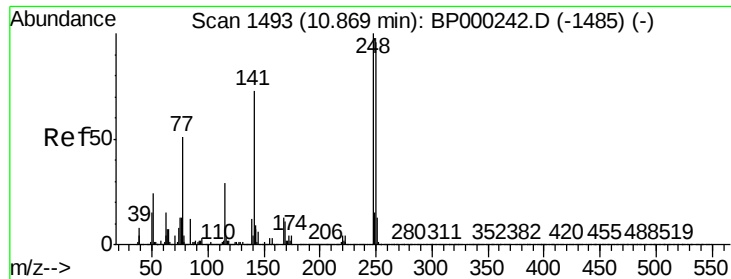


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E





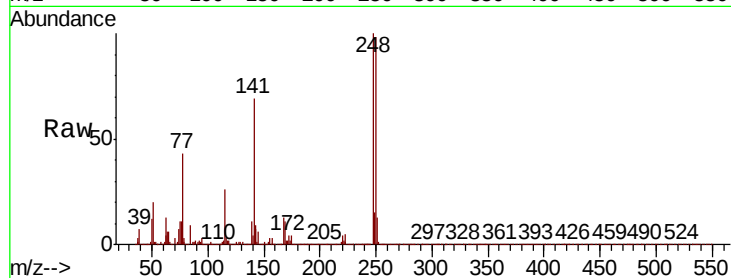
#67
4-Bromophenyl-phenylether
Concen: 43.824 ng
RT: 10.87 min Scan# 1493
Delta R.T. -0.00 min
Lab File: BP000368.D
Acq: 23 Sep 2019 18:15

Instrument :
BNA_P
ClientSampleId :
PB123244BS

Tot Ion	Ratio	Lower	Upper
248	100		
250	98.0	77.0	115.4
141	68.9	58.5	87.7

Manual Integrations
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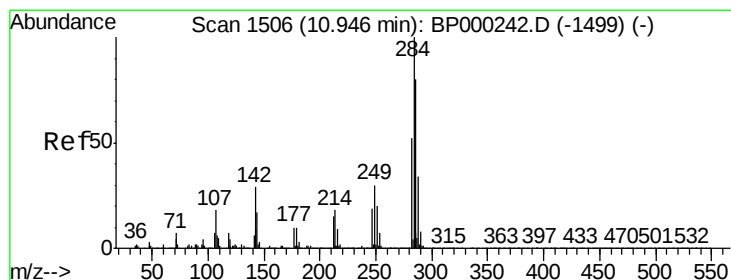
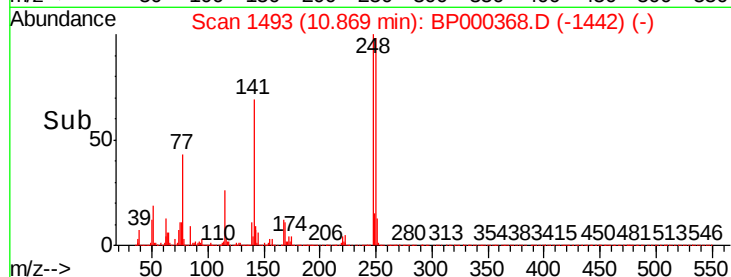
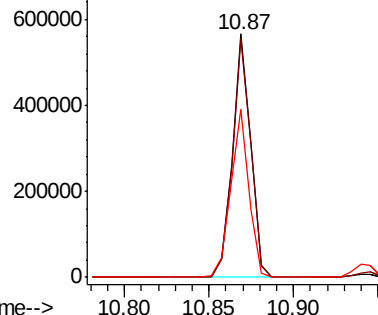


Abundance

Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68
Hexachlorobenzene
Concen: 42.816 ng
RT: 10.95 min Scan# 1506
Delta R.T. -0.00 min
Lab File: BP000368.D
Acq: 23 Sep 2019 18:15

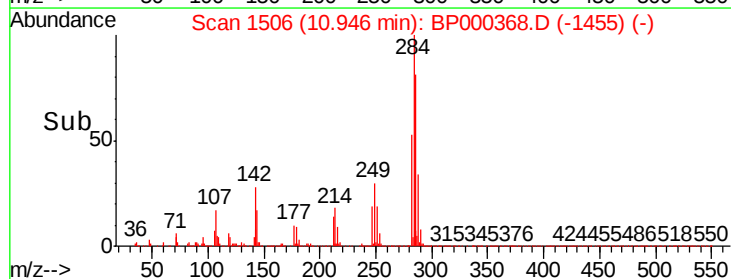
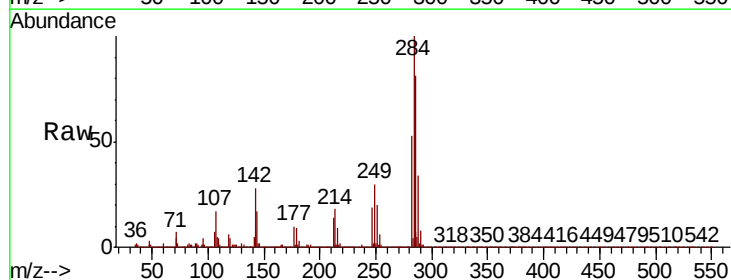
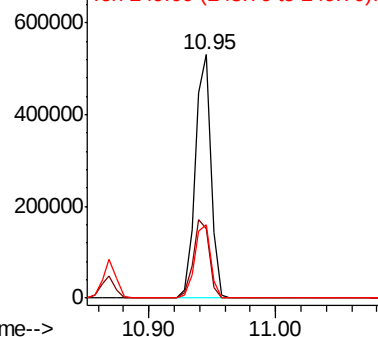
Tgt Ion	Ratio	Lower	Upper
284	100		
142	28.5	23.6	35.4
249	30.4	24.3	36.5

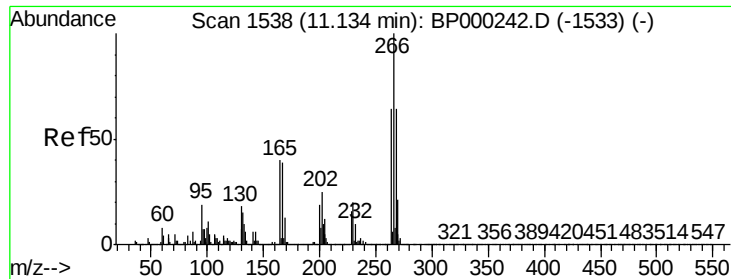
Abundance

Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E





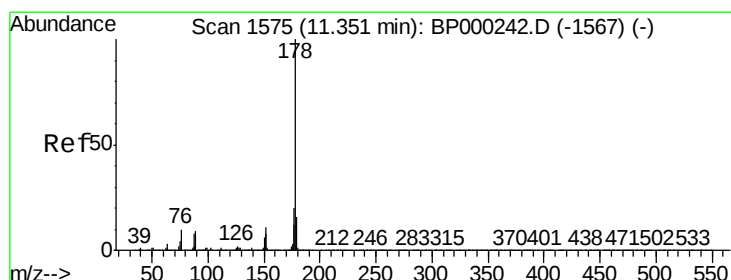
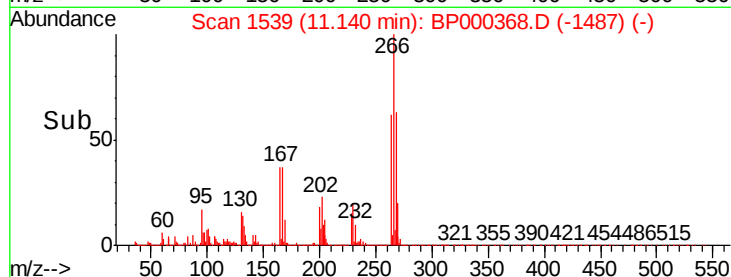
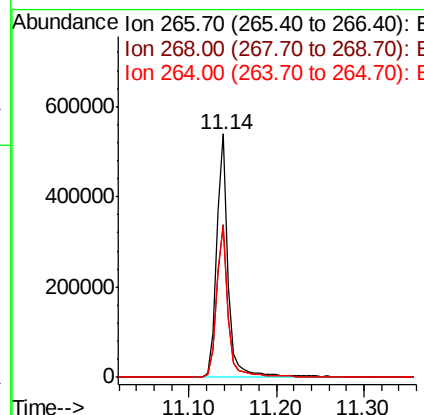
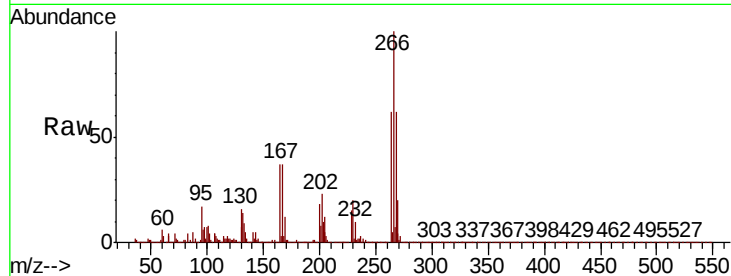
#70
Pentachlorophenol
Concen: 84.720 ng
RT: 11.14 min Scan# 1539
Delta R.T. 0.01 min
Lab File: BP000368.D
Acq: 23 Sep 2019 18:15

Instrument :
BNA_P
ClientSampleId :
PB123244BS

Tot Ion	Ratio	Resp	Lower	Upper
266	100	493395		
268	62.5	51.6	77.4	
264	62.0	50.8	76.2	

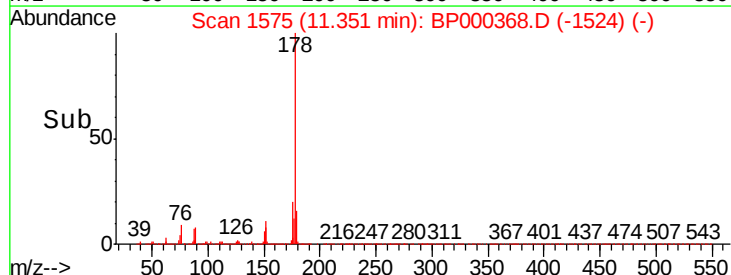
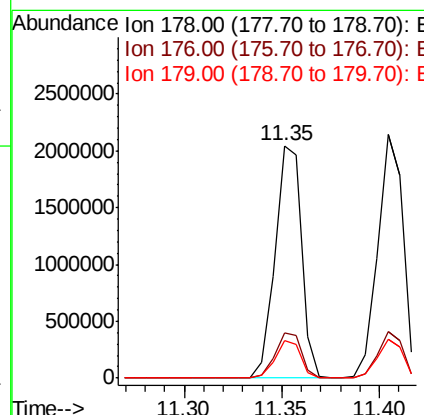
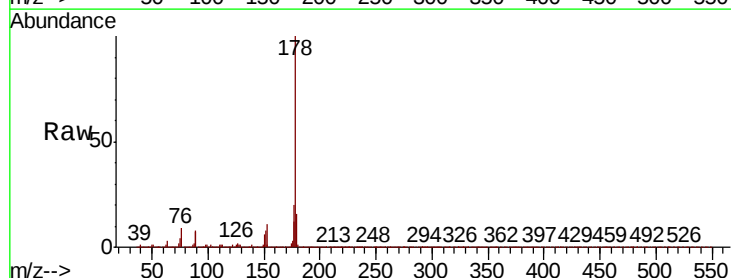
Manual Integrations
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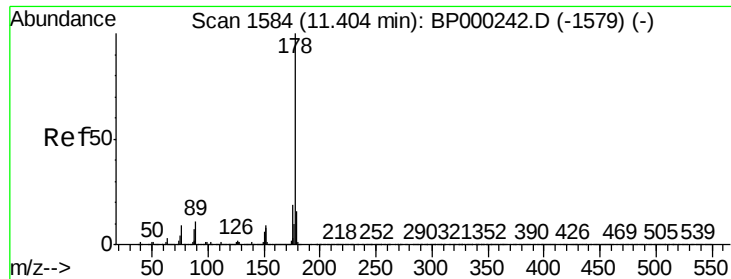
mohammad
9/24/2019 2:38:40 PM



#71
Phenanthrene
Concen: 44.201 ng
RT: 11.35 min Scan# 1575
Delta R.T. -0.00 min
Lab File: BP000368.D
Acq: 23 Sep 2019 18:15

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	1915901		
176	19.7	15.8	23.8	
179	16.0	12.7	19.1	





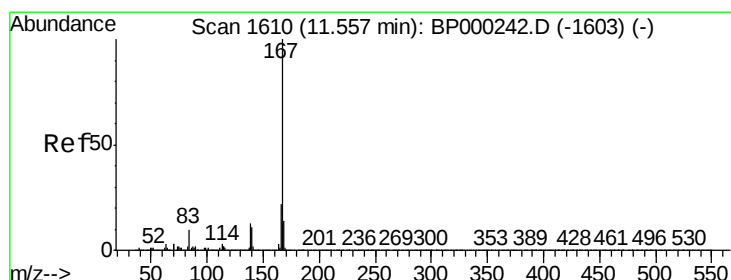
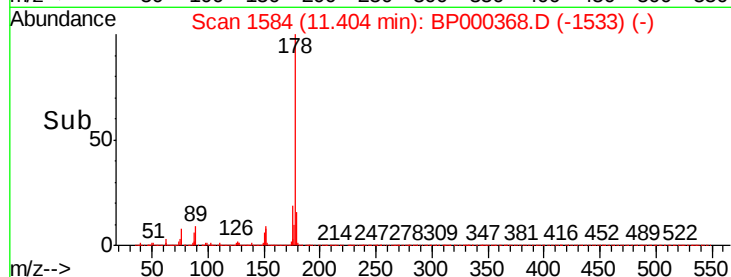
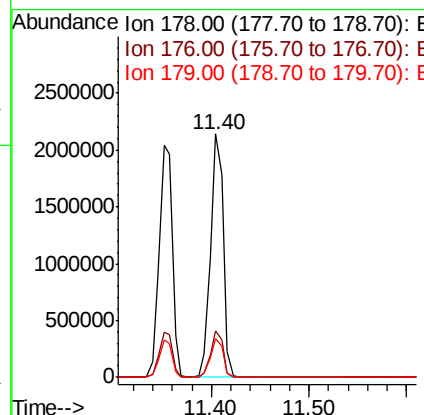
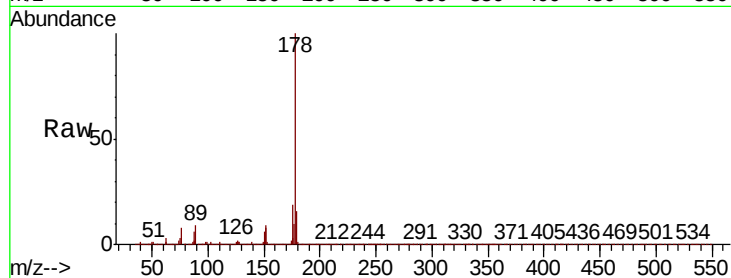
#72
 Anthracene
 Concen: 43.159 ng
 RT: 11.40 min Scan# 1584
 Delta R.T. -0.00 min
 Lab File: BP000368.D
 Acq: 23 Sep 2019 18:15

Instrument :
 BNA_P
 ClientSampleId :
 PB123244BS

Tot Ion:178 Resp: 1925591
 Ion Ratio Lower Upper
 178 100
 176 19.1 15.4 23.0
 179 16.1 12.7 19.1

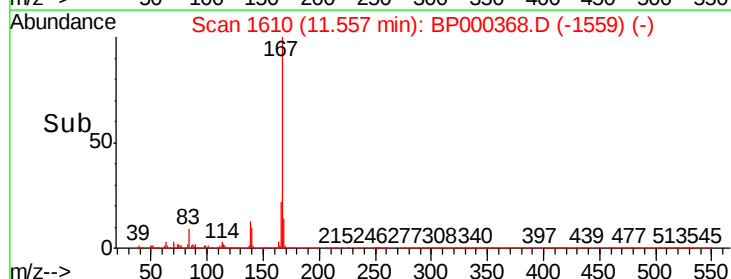
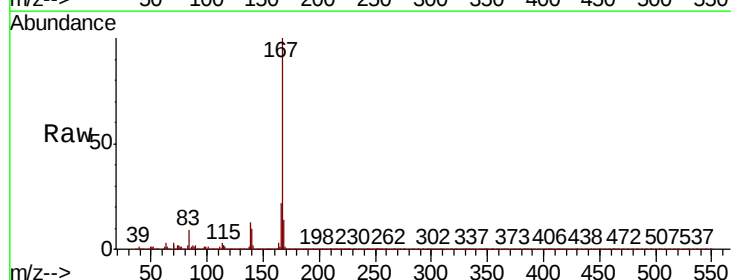
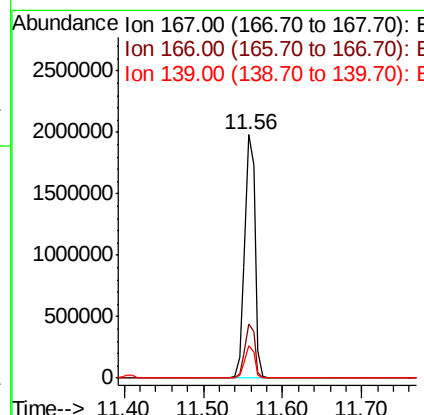
Manual Integrations
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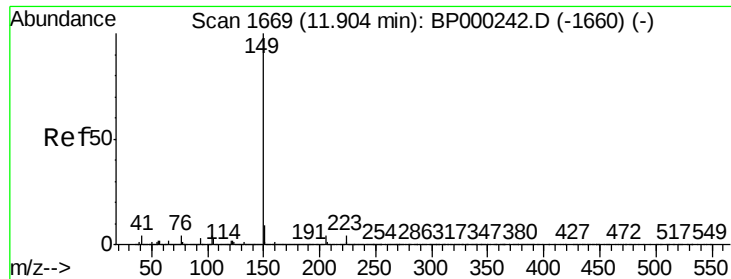
mohammad
 9/24/2019 2:38:40 PM



#73
 Carbazole
 Concen: 44.477 ng
 RT: 11.56 min Scan# 1610
 Delta R.T. -0.00 min
 Lab File: BP000368.D
 Acq: 23 Sep 2019 18:15

Tgt Ion:167 Resp: 1787070
 Ion Ratio Lower Upper
 167 100
 166 22.4 17.8 26.8
 139 13.2 10.8 16.2





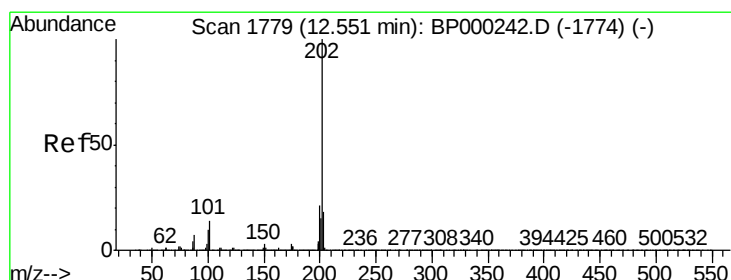
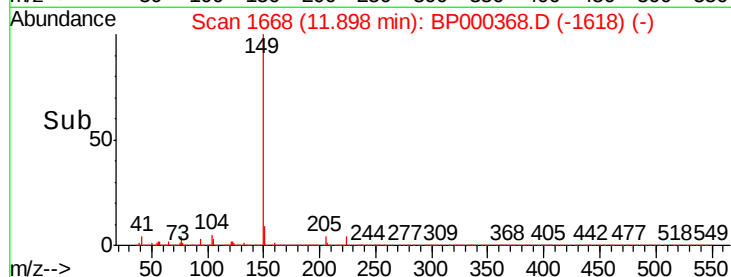
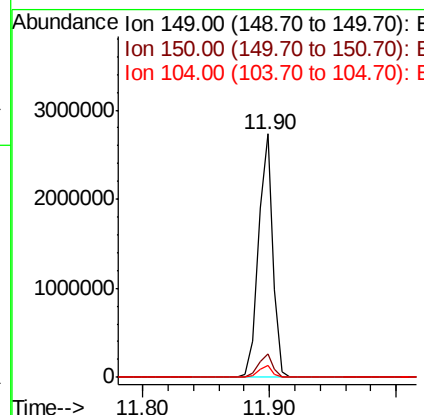
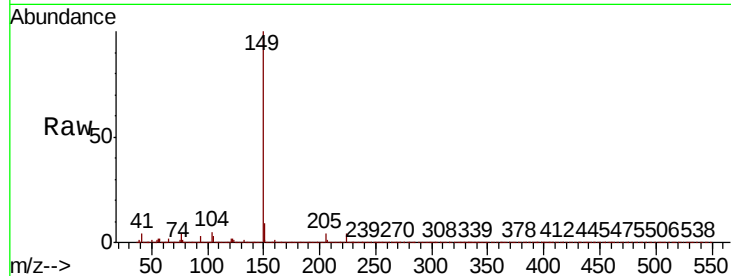
#74
Di-n-butylphthalate
Concen: 42.543 ng
RT: 11.90 min Scan# 1668
Delta R.T. -0.01 min
Lab File: BP000368.D
Acq: 23 Sep 2019 18:15

Instrument :
BNA_P
ClientSampleId :
PB123244BS

Tot Ion	Ratio	Lower	Upper
149	100		
150	9.4	7.4	11.2
104	4.8	3.5	5.3

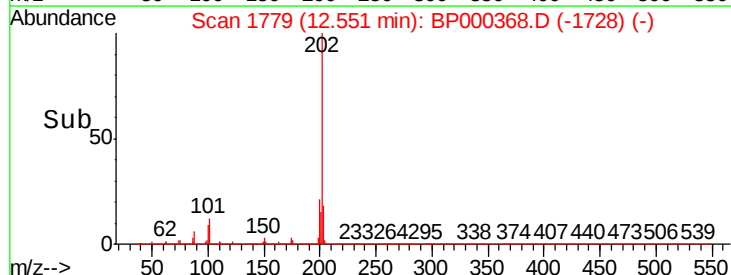
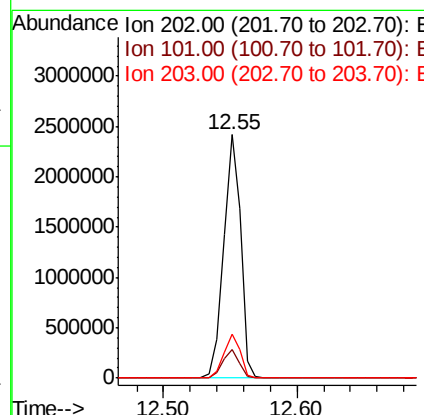
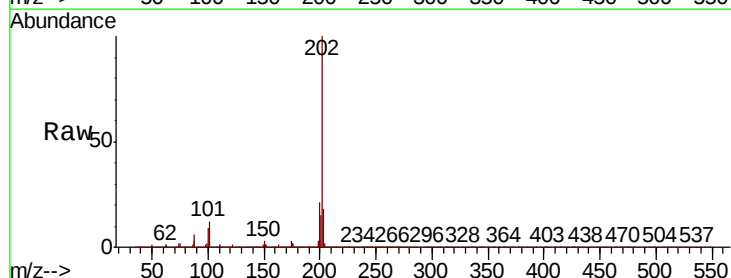
Manual Integrations
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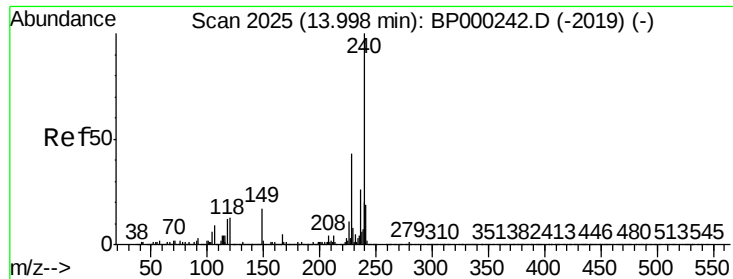
mohammad
9/24/2019 2:38:40 PM



#75
Fluoranthene
Concen: 46.631 ng
RT: 12.55 min Scan# 1779
Delta R.T. -0.00 min
Lab File: BP000368.D
Acq: 23 Sep 2019 18:15

Tgt Ion	Ratio	Lower	Upper
202	100		
101	11.6	0.0	33.9
203	17.9	0.0	38.0





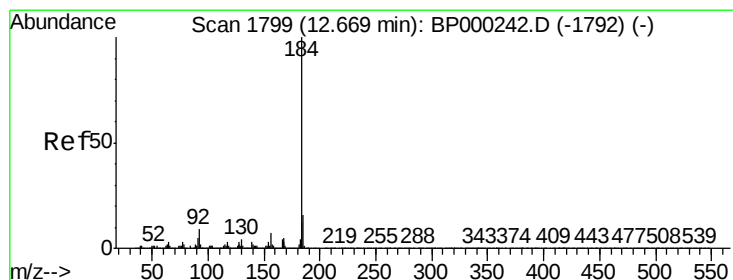
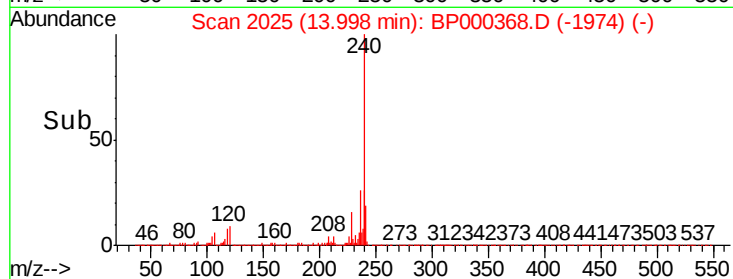
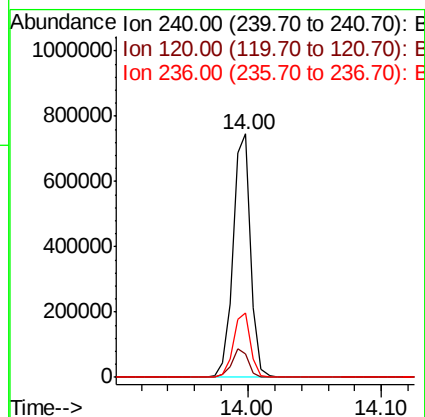
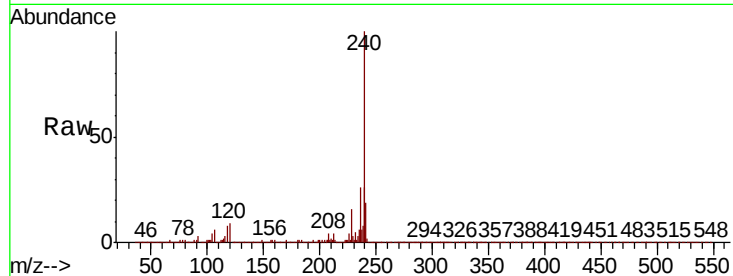
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.00 min Scan# 2025
Delta R.T. -0.00 min
Lab File: BP000368.D
Acq: 23 Sep 2019 18:15

Instrument :
BNA_P
ClientSampleId :
PB123244BS

Tot Ion	Ratio	Resp	Lower	Upper
240	100	690896		
120	9.4	10.4	15.6	
236	26.3	21.0	31.6	

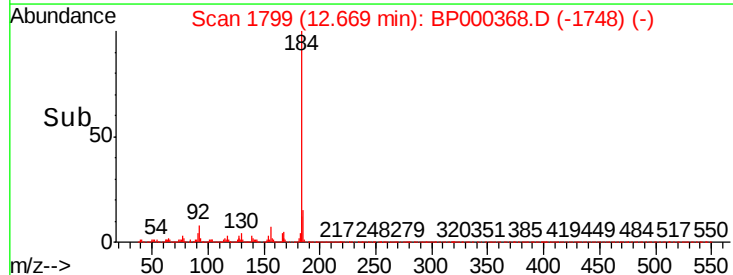
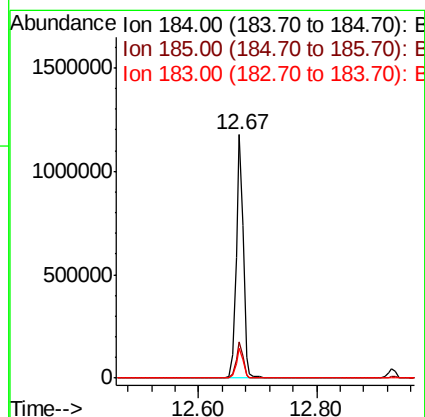
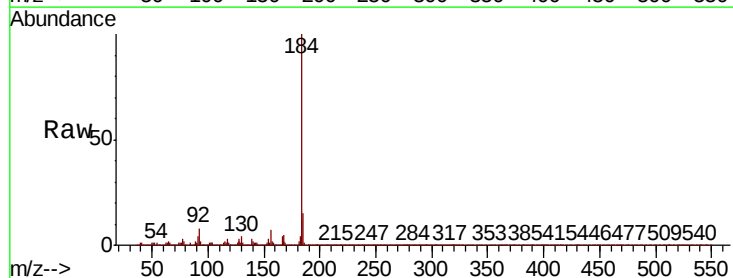
Manual Integrations
APPROVED

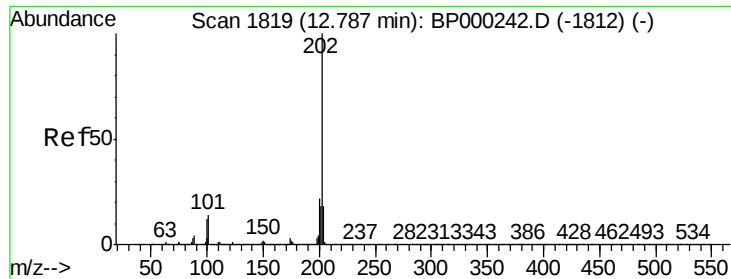
mohammad
9/24/2019 2:38:40 PM



#77
Benzidine
Concen: 40.030 ng
RT: 12.67 min Scan# 1799
Delta R.T. -0.00 min
Lab File: BP000368.D
Acq: 23 Sep 2019 18:15

Tgt Ion	Ratio	Resp	Lower	Upper
184	100	987744		
185	14.9	12.7	19.1	
183	12.2	9.5	14.3	





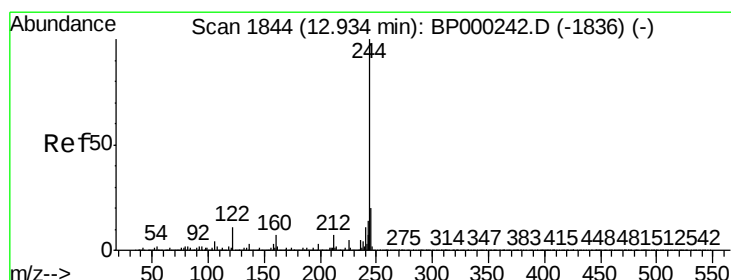
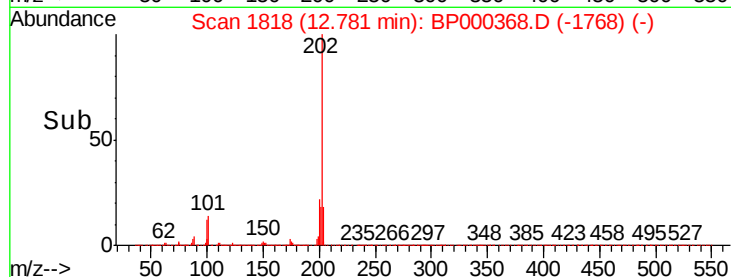
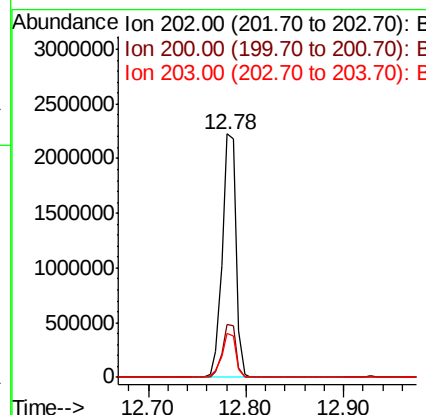
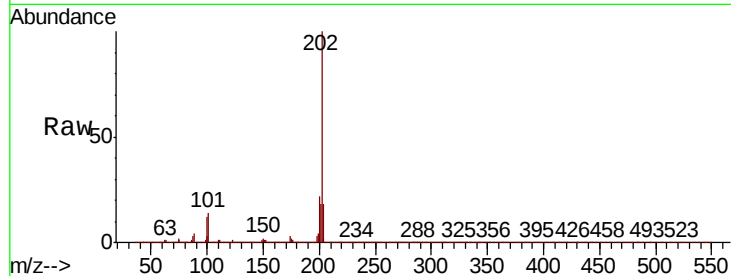
#78
Pvrene
Concen: 42.048 ng
RT: 12.78 min Scan# 1818
Delta R.T. -0.01 min
Lab File: BP000368.D
Acq: 23 Sep 2019 18:15

Instrument :
BNA_P
ClientSampleId :
PB123244BS

Tot Ion	Ratio	Lower	Upper
202	100		
200	21.8	17.5	26.3
203	18.1	14.3	21.5

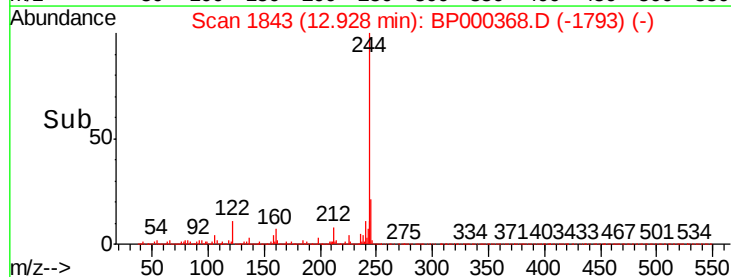
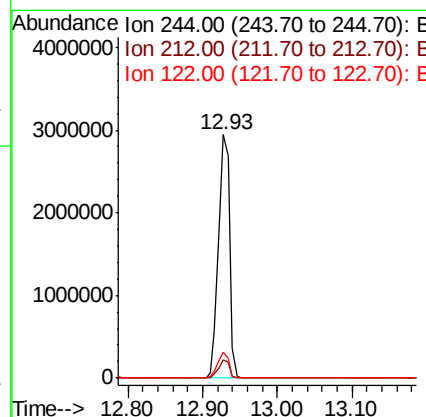
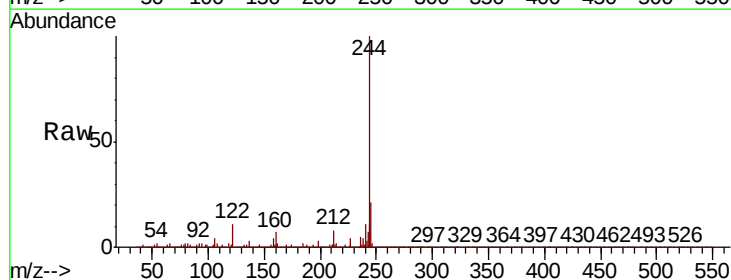
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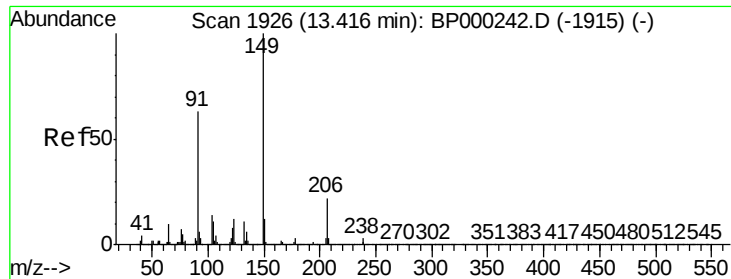
mohammad
9/24/2019 2:38:40 PM



#79
Terphenyl-d14
Concen: 91.895 ng
RT: 12.93 min Scan# 1843
Delta R.T. -0.01 min
Lab File: BP000368.D
Acq: 23 Sep 2019 18:15

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.5	5.9	8.9
122	10.6	9.0	13.4





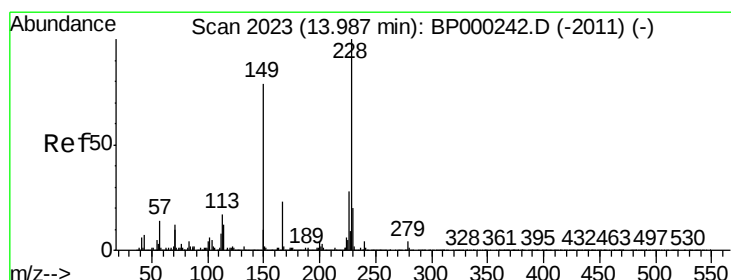
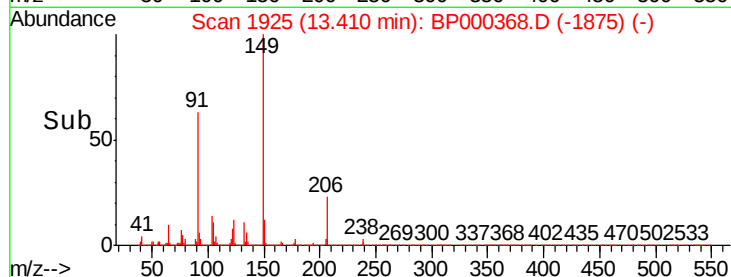
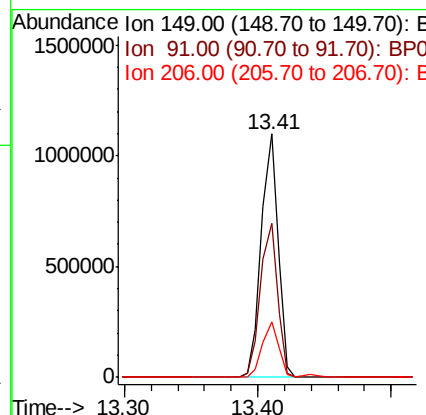
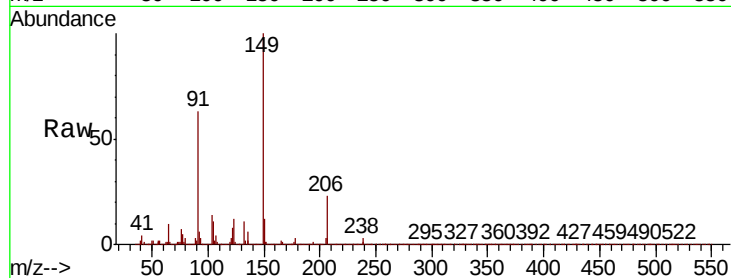
#80
Butylbenzylphthalate
Concen: 39.699 ng
RT: 13.41 min Scan# 1925
Delta R.T. -0.01 min
Lab File: BP000368.D
Acq: 23 Sep 2019 18:15

Instrument :
BNA_P
ClientSampleId :
PB123244BS

Tot Ion	Ratio	Lower	Upper
149	100		
91	63.3	50.6	76.0
206	22.8	17.8	26.6

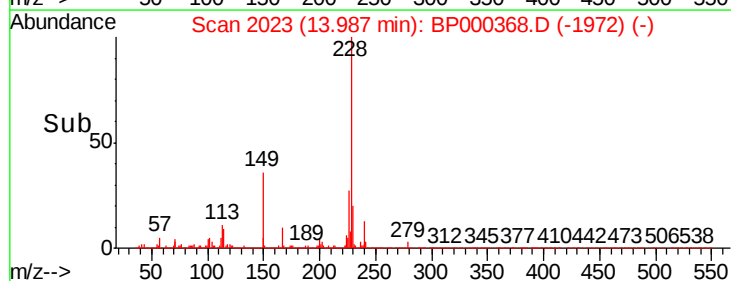
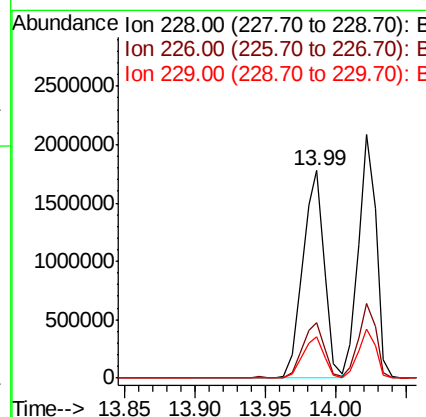
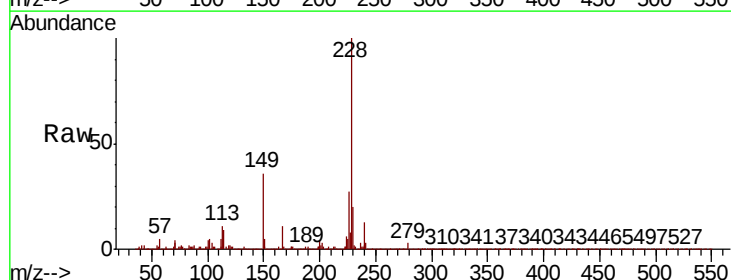
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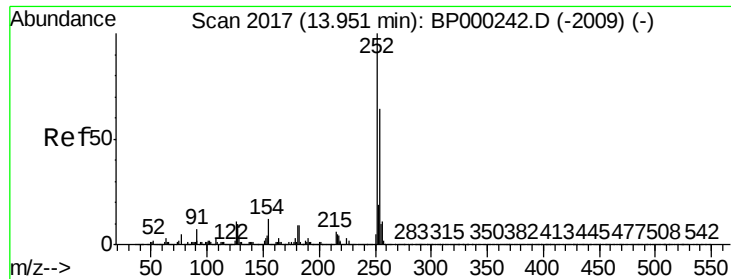
mohammad
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#81
Benzo(a)anthracene
Concen: 42.744 ng
RT: 13.99 min Scan# 2023
Delta R.T. -0.00 min
Lab File: BP000368.D
Acq: 23 Sep 2019 18:15

Tgt Ion	Ratio	Lower	Upper
228	100		
226	27.0	22.2	33.4
229	19.6	16.0	24.0





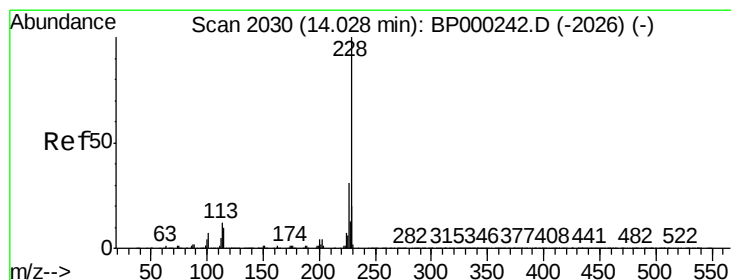
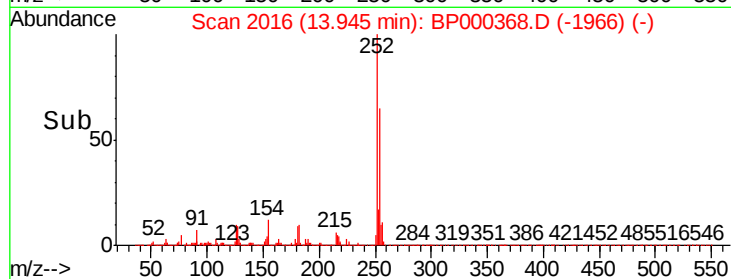
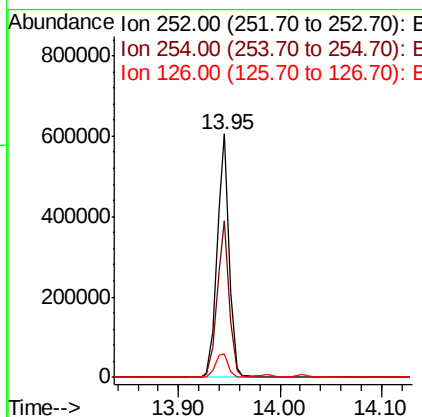
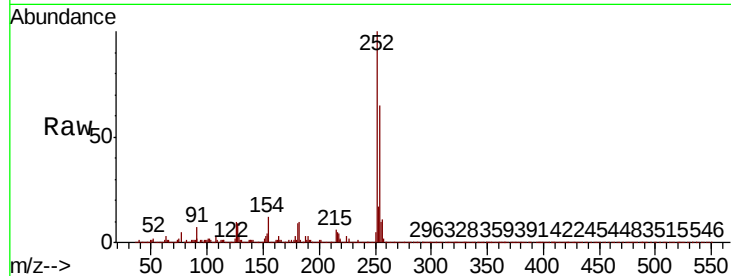
#82
 3,3'-Dichlorobenzidine
 Concen: 28.222 ng
 RT: 13.95 min Scan# 2016
 Delta R.T. -0.01 min
 Lab File: BP000368.D
 Acq: 23 Sep 2019 18:15

Instrument :
 BNA_P
 ClientSampleId :
 PB123244BS

Tot Ion	Ratio	Resp	Lower	Upper
252	100	494999		
254	64.6	51.5	77.3	
126	9.8	8.4	12.6	

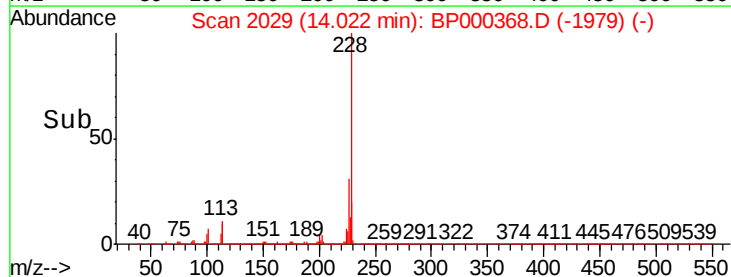
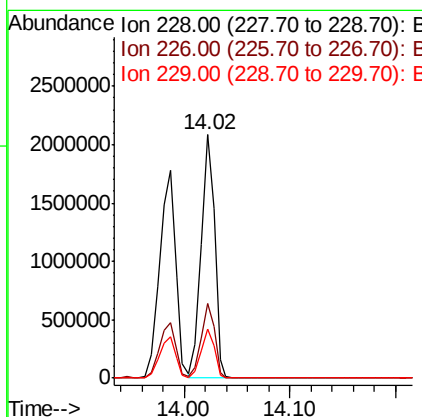
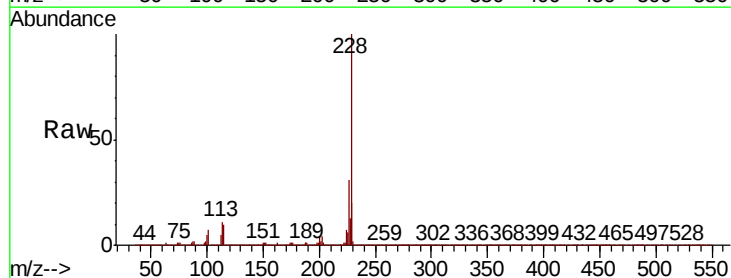
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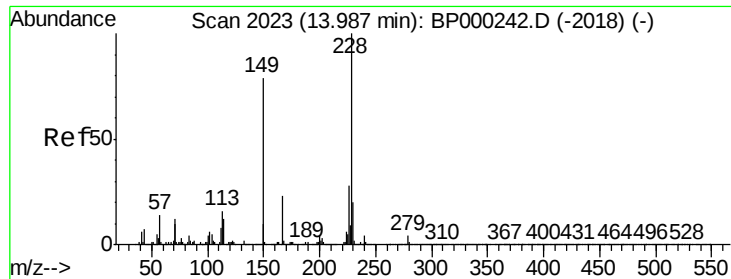
mohammad
 9/24/2019 2:38:40 PM



#83
 Chrysene
 Concen: 42.617 ng
 RT: 14.02 min Scan# 2029
 Delta R.T. -0.01 min
 Lab File: BP000368.D
 Acq: 23 Sep 2019 18:15

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	1826164		
226	30.7	24.9	37.3	
229	20.2	16.2	24.2	





#84

Bis(2-ethylhexyl)phthalate

Concen: 42.304 ng

RT: 13.98 min Scan# 2022

Delta R.T. -0.01 min

Lab File: BP000368.D

Acq: 23 Sep 2019 18:15

Instrument :

BNA_P

ClientSampleId :

PB123244BS

Tot Ion:149 Resp: 1206160

Ion Ratio Lower Upper

149 100

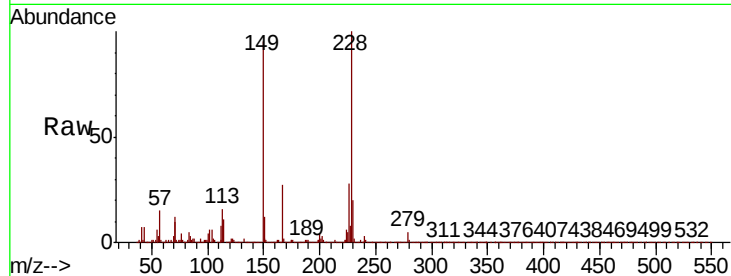
167 29.0 23.0 34.4

279 5.4 3.7 5.5

Manual Integrations
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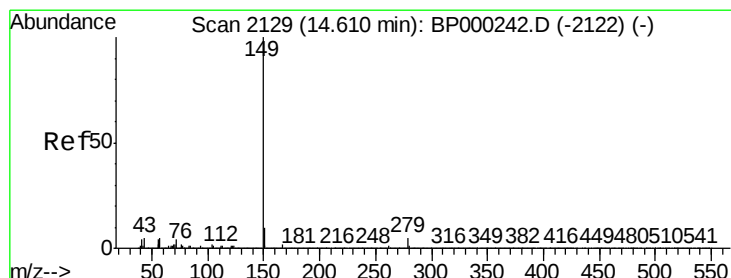
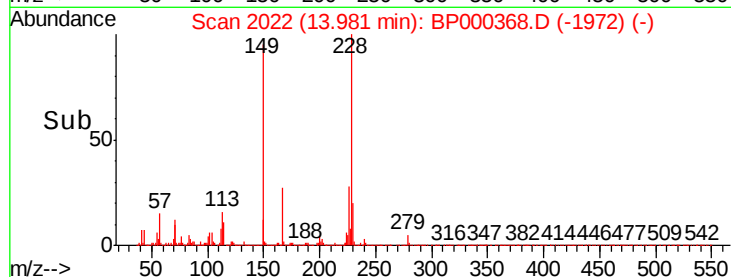
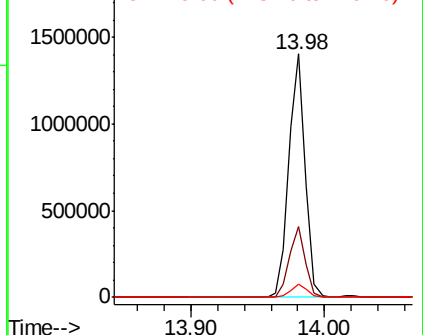
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Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#85

Di-n-octyl phthalate

Concen: 42.093 ng

RT: 14.60 min Scan# 2127

Delta R.T. -0.01 min

Lab File: BP000368.D

Acq: 23 Sep 2019 18:15

Tgt Ion:149 Resp: 2224345

Ion Ratio Lower Upper

149 100

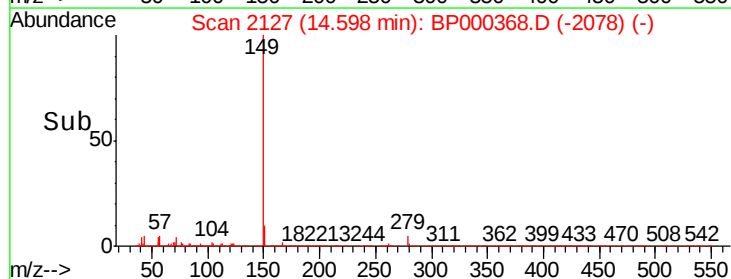
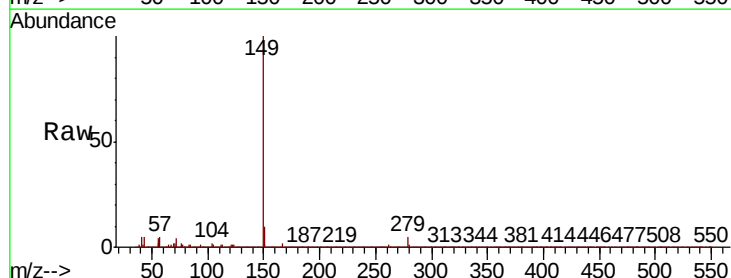
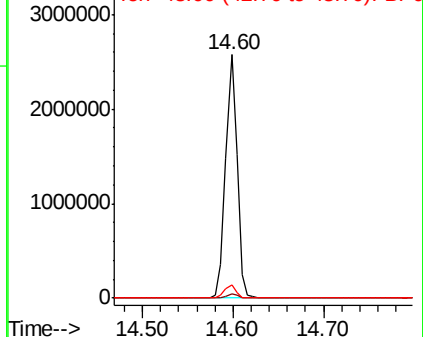
167 1.6 1.4 2.0

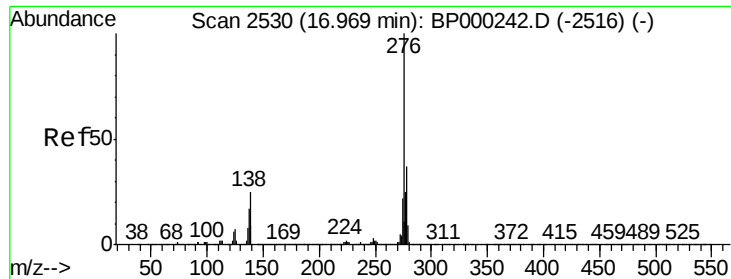
43 5.5 5.0 7.6

Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BPO





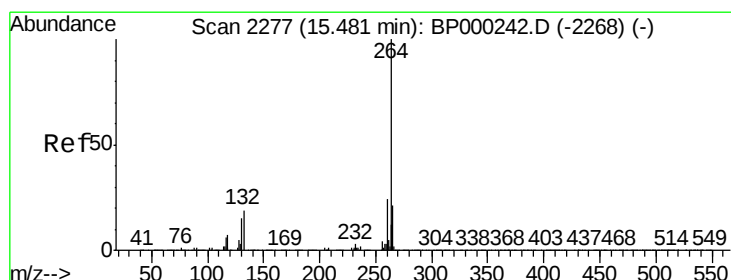
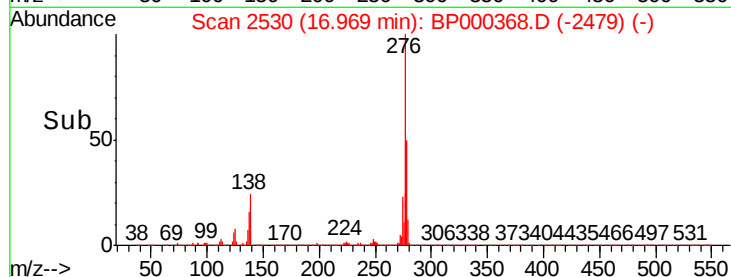
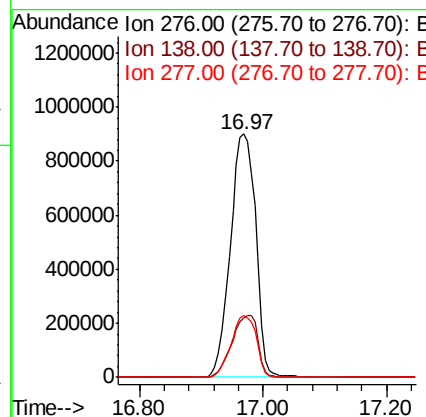
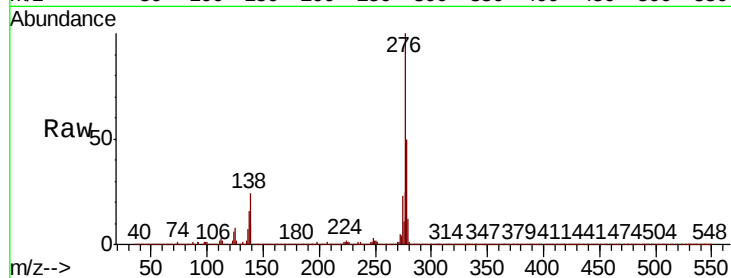
#86
Indeno(1,2,3-cd)pyrene
Concen: 49.411 ng
RT: 16.97 min Scan# 2530
Delta R.T. -0.00 min
Lab File: BP000368.D
Acq: 23 Sep 2019 18:15

Instrument :
BNA_P
ClientSampleId :
PB123244BS

Tot Ion	Ratio	Lower	Upper
276	100		
138	26.0	22.6	33.8
277	25.5	20.4	30.6

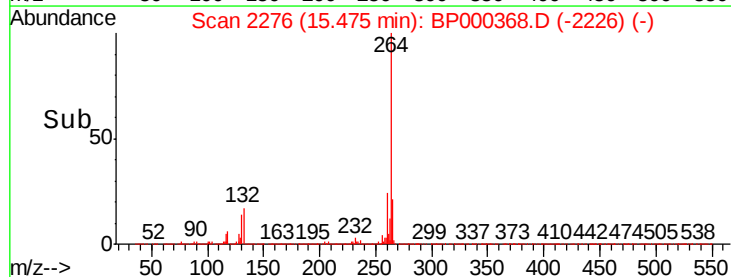
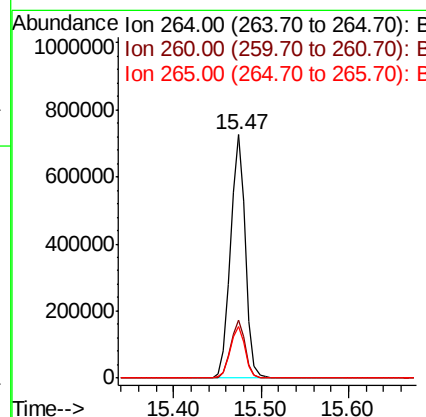
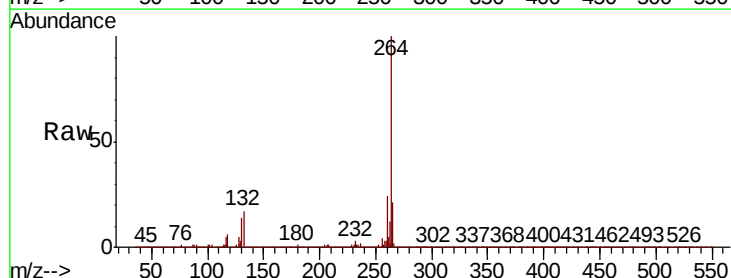
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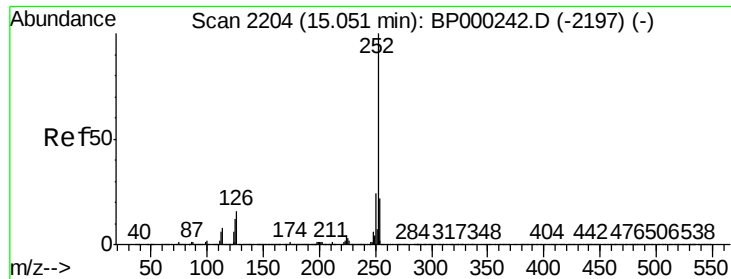
mohammad
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#87
Perylene-d12
Concen: 20.000 ng
RT: 15.47 min Scan# 2276
Delta R.T. -0.01 min
Lab File: BP000368.D
Acq: 23 Sep 2019 18:15

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.6	18.9	28.3
265	21.1	17.2	25.8





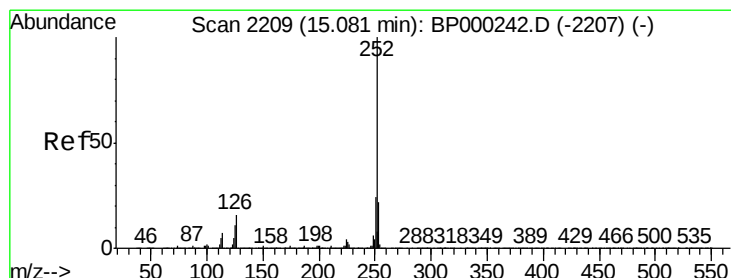
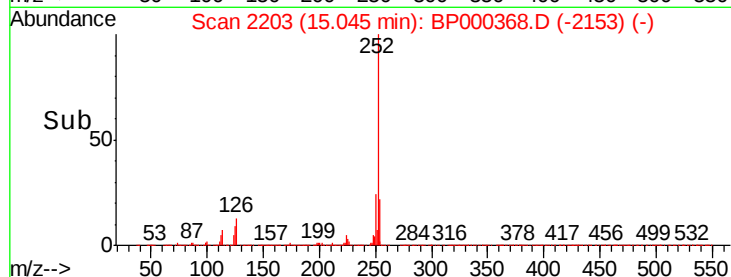
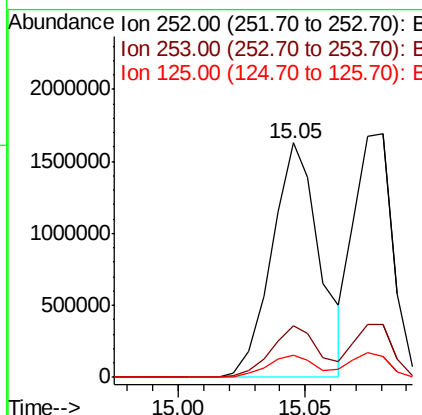
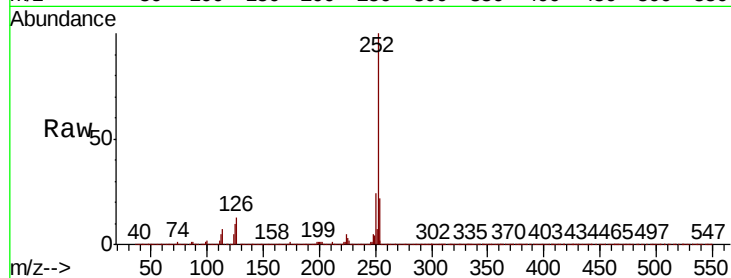
#88
Benzo(b)fluoranthene
Concen: 42.321 ng
RT: 15.05 min Scan# 2203
Delta R.T. -0.01 min
Lab File: BP000368.D
Acq: 23 Sep 2019 18:15

Instrument :
BNA_P
ClientSampleId :
PB123244BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.8	26.6
125	9.5	9.5	14.3#

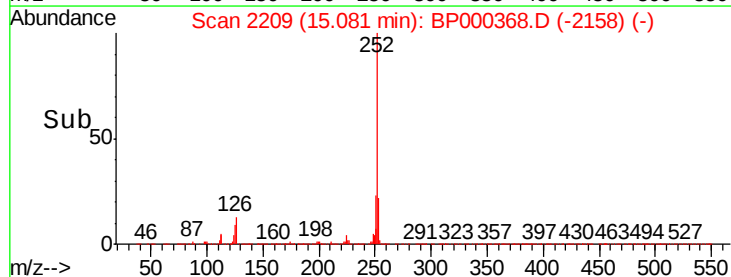
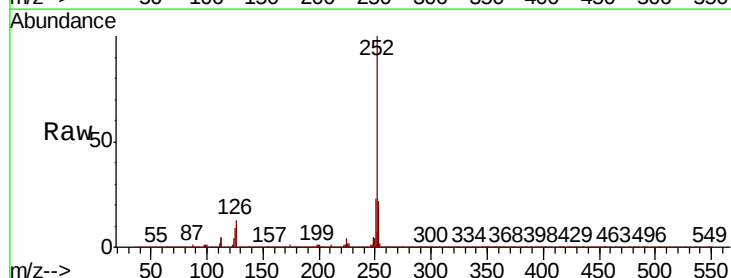
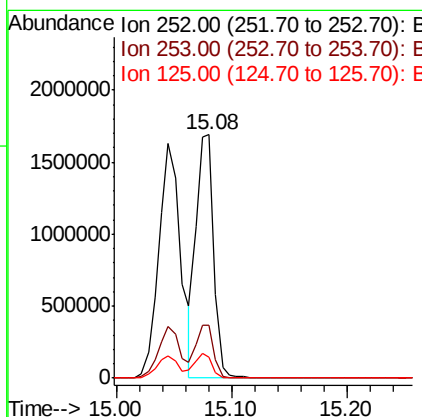
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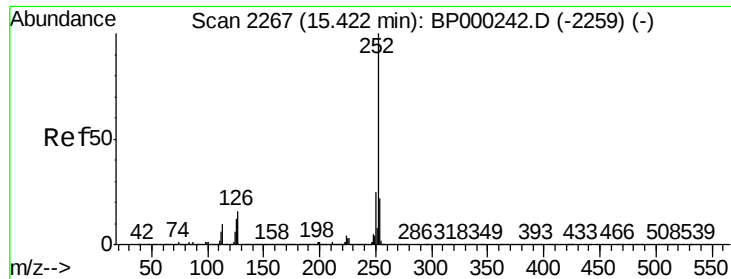
mohammad
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#89
Benzo(k)fluoranthene
Concen: 40.872 ng
RT: 15.08 min Scan# 2209
Delta R.T. -0.00 min
Lab File: BP000368.D
Acq: 23 Sep 2019 18:15

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.7	17.8	26.8
125	8.7	9.6	14.4#





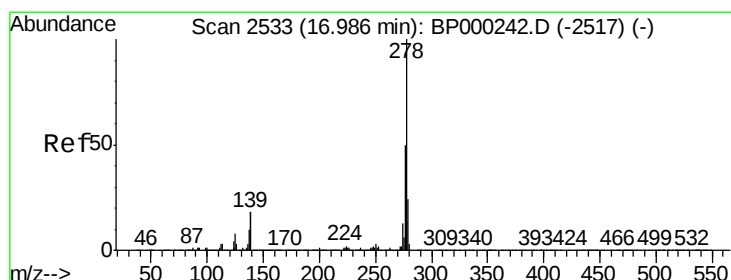
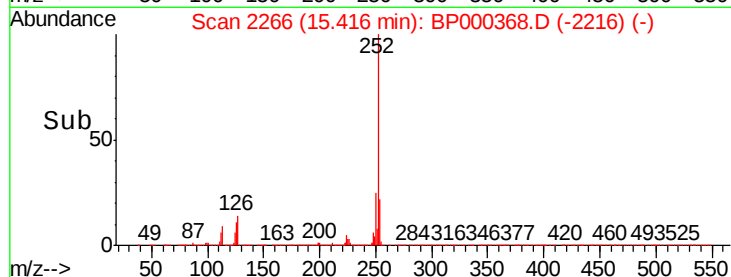
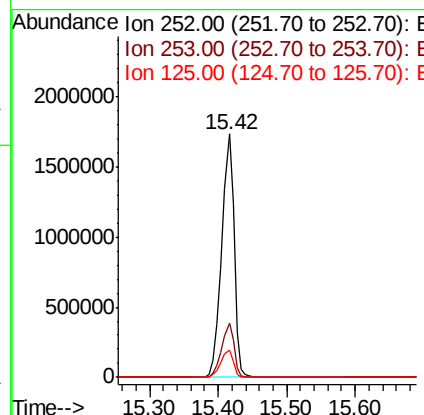
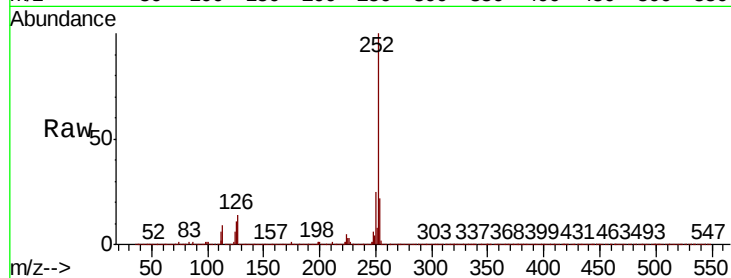
#90
Benzo(a)pyrene
Concen: 46.400 ng
RT: 15.42 min Scan# 2266
Delta R.T. -0.01 min
Lab File: BP000368.D
Acq: 23 Sep 2019 18:15

Instrument :
BNA_P
ClientSampleId :
PB123244BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.7	26.5
125	11.4	10.0	15.0

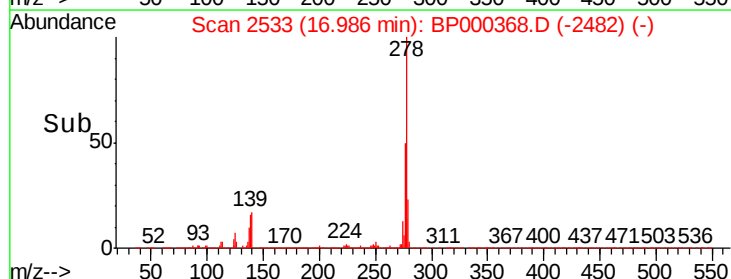
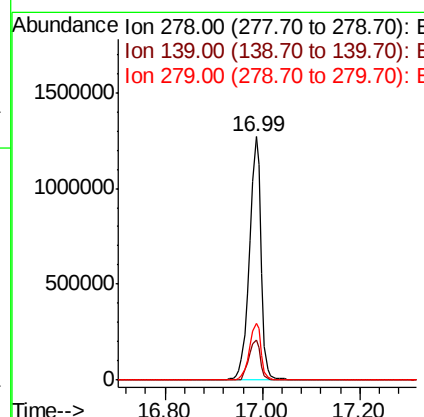
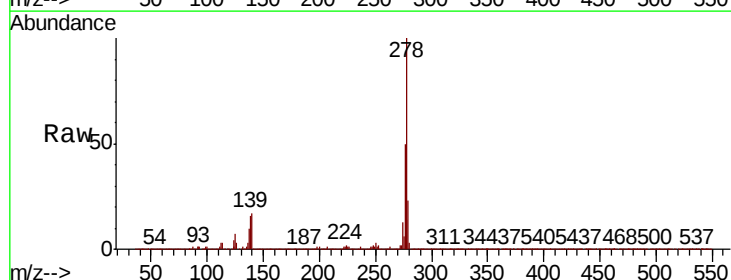
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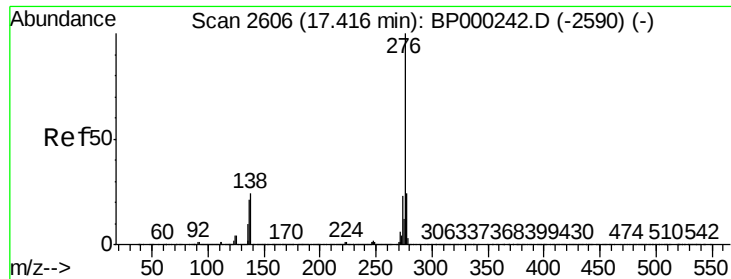
mohammad
9/24/2019 2:38:40 PM



#91
Dibenzo(a,h)anthracene
Concen: 48.825 ng
RT: 16.99 min Scan# 2533
Delta R.T. -0.00 min
Lab File: BP000368.D
Acq: 23 Sep 2019 18:15

Tgt Ion	Ratio	Lower	Upper
278	100		
139	16.6	14.5	21.7
279	23.3	19.0	28.6





#92
 Benzo(a,h,i)perylene
 Concen: 50.003 ng
 RT: 17.42 min Scan# 2607
 Delta R.T. 0.01 min
 Lab File: BP000368.D
 Acq: 23 Sep 2019 18:15

Instrument :
 BNA_P
 ClientSampleId :
 PB123244BS

Tot Ion	Ratio	Lower	Upper
276	100		
277	23.4	19.1	28.7
138	22.7	19.5	29.3

Manual Integrations
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mohammad
 9/24/2019 2:38:40 PM

