

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP090819\
 Data File : BP000105.D
 Acq On : 08 Sep 2019 21:51
 Operator : HP/JU
 Sample : PB122885BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB122885BS

Manual Integrations
 APPROVED

mohammad
 9/10/2019 2:09:28 PM

Quant Time: Sep 09 07:01:17 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP083019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 30 17:47:17 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	345020	20.00	ng	0.00
21) Naphthalene-d8	8.18	136	1389946	20.00	ng	0.00
39) Acenaphthene-d10	9.94	164	774758	20.00	ng	0.00
64) Phenanthrene-d10	11.43	188	1430085	20.00	ng	0.00
76) Chrysene-d12	14.10	240	1198084	20.00	ng	0.00
87) Perylene-d12	15.62	264	1034252	20.00	ng	-0.01

System Monitoring Compounds						
5) 2-Fluorophenol	5.52	112	2301944	106.39	ng	0.00
7) Phenol-d6	6.51	99	2870423	105.09	ng	0.00
23) Nitrobenzene-d5	7.45	82	1417986	62.60	ng	0.00
42) 2,4,6-Tribromophenol	10.73	330	703139	107.67	ng	0.00
45) 2-Fluorobiphenyl	9.25	172	3062193	66.01	ng	0.00
79) Terphenyl-d14	13.03	244	3649875	66.40	ng	0.00

Target Compounds					Qvalue
2) 1,4-Dioxane	2.72	88	341217	34.285 ng	97
3) Pyridine	3.49	79	795635	29.673 ng	98
4) n-Nitrosodimethylamine	3.43	42	277445	32.044 ng	87
6) Aniline	6.55	93	1117052	28.258 ng	97
8) 2-Chlorophenol	6.68	128	956321	42.746 ng	98
9) Benzaldehyde	6.44	77	415025	24.640 ng	97
10) Phenol	6.52	94	1246424	41.073 ng	100
11) bis(2-Chloroethyl)ether	6.62	93	935265	39.014 ng	96
12) 1,3-Dichlorobenzene	6.83	146	1015250	38.905 ng	98
13) 1,4-Dichlorobenzene	6.91	146	1023997	39.407 ng	98
14) 1,2-Dichlorobenzene	7.06	146	964229	40.386 ng	97
15) Benzyl Alcohol	7.02	79	754880	37.694 ng	98
16) 2,2'-oxybis(1-Chloropropan	7.16	45	889182	34.491 ng	96
17) 2-Methylphenol	7.13	107	796506	41.454 ng	99
18) Hexachloroethane	7.41	117	362798	37.644 ng	96
19) n-Nitroso-di-n-propylamine	7.29	70	580965	37.373 ng	100
20) 3+4-Methylphenols	7.28	107	1030374	42.997 ng	97
22) Acetophenone	7.29	105	1325947	39.827 ng	97
24) Nitrobenzene	7.46	77	933314	38.032 ng	95
25) Isophorone	7.70	82	1776342	37.113 ng	98
26) 2-Nitrophenol	7.79	139	420195	43.968 ng	94
27) 2,4-Dimethylphenol	7.82	122	876573	45.455 ng	97
28) bis(2-Chloroethoxy)methane	7.92	93	1179797	37.907 ng	99
29) 2,4-Dichlorophenol	8.02	162	811735	40.935 ng	99
30) 1,2,4-Trichlorobenzene	8.12	180	878232	38.849 ng	99
31) Naphthalene	8.19	128	2676051	41.963 ng	100
32) Benzoic acid	7.91	122	474517	38.636 ng	95
33) 4-Chloroaniline	8.23	127	743942	24.734 ng	96
34) Hexachlorobutadiene	8.32	225	480299	37.706 ng	99
35) Caprolactam	8.59	113	268706m	38.103 ng	
36) 4-Chloro-3-methylphenol	8.71	107	858571	39.682 ng	99
37) 2-Methylnaphthalene	8.89	142	1880715	42.200 ng	98
38) 1-Methylnaphthalene	8.99	142	1746525	41.592 ng	100
40) 1,2,4,5-Tetrachlorobenzene	9.06	216	913558	41.659 ng	97

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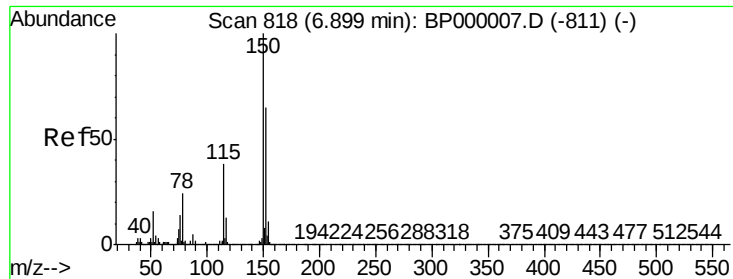
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.05	237	722604	59.845	ng	96
43) 2,4,6-Trichlorophenol	9.16	196	571690	37.803	ng	100
44) 2,4,5-Trichlorophenol	9.20	196	633355	40.028	ng	98
46) 1,1'-Biphenyl	9.36	154	2251219	41.160	ng	98
47) 2-Chloronaphthalene	9.38	162	1748324	38.507	ng	97
48) 2-Nitroaniline	9.47	65	431157	35.158	ng #	74
49) Acenaphthylene	9.80	152	2809038	41.696	ng	100
50) Dimethylphthalate	9.65	163	2043323	38.703	ng	99
51) 2,6-Dinitrotoluene	9.71	165	464883	41.484	ng	96
52) Acenaphthene	9.97	154	1805560	42.712	ng	99
53) 3-Nitroaniline	9.88	138	358392	26.771	ng	94
54) 2,4-Dinitrophenol	9.98	184	338073	80.425	ng #	56
55) Dibenzofuran	10.15	168	2496169	41.583	ng	98
56) 4-Nitrophenol	10.03	139	809604	84.608	ng #	83
57) 2,4-Dinitrotoluene	10.12	165	605909	42.352	ng #	81
58) Fluorene	10.49	166	1925834	42.628	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.26	232	515100	42.995	ng	95
60) Diethylphthalate	10.36	149	2038696	38.578	ng	100
61) 4-Chlorophenyl-phenylether	10.48	204	972430	41.412	ng	99
62) 4-Nitroaniline	10.49	138	485597	38.028	ng	94
63) Azobenzene	10.64	77	1879142	37.133	ng	96
65) 4,6-Dinitro-2-methylphenol	10.52	198	236157	43.729	ng	90
66) n-Nitrosodiphenylamine	10.60	169	1725001	40.600	ng	99
67) 4-Bromophenyl-phenylether	10.98	248	585404	40.280	ng	97
68) Hexachlorobenzene	11.05	284	611319	38.604	ng	99
69) Atrazine	11.12	200	504863	45.155	ng	99
70) Pentachlorophenol	11.23	266	758578	88.405	ng	99
71) Phenanthrene	11.46	178	2978781	41.791	ng	99
72) Anthracene	11.51	178	2861838	40.644	ng	100
73) Carbazole	11.66	167	2762090	41.559	ng	98
74) Di-n-butylphthalate	12.00	149	3174739	39.394	ng	98
75) Fluoranthene	12.66	202	3318381	42.842	ng	97
77) Benzidine	12.77	184	734801	17.776	ng	96
78) Pyrene	12.89	202	3375820	38.301	ng	99
80) Butylbenzylphthalate	13.52	149	1409830	35.900	ng	91
81) Benzo(a)anthracene	14.09	228	2983213	38.426	ng	99
82) 3,3'-Dichlorobenzidine	14.05	252	981204	34.259	ng	98
83) Chrysene	14.13	228	2860827	38.958	ng	99
84) Bis(2-ethylhexyl)phthalate	14.09	149	1954287	38.240	ng	100
85) Di-n-octyl phthalate	14.71	149	3349697	37.195	ng #	96
86) Indeno(1,2,3-cd)pyrene	17.17	276	3401105	36.962	ng	97
88) Benzo(b)fluoranthene	15.17	252	3061154	48.456	ng	99
89) Benzo(k)fluoranthene	15.20	252	2968355	51.346	ng	99
90) Benzo(a)pyrene	15.56	252	2874373	50.403	ng	98
91) Dibenzo(a,h)anthracene	17.19	278	2825569	49.546	ng	98
92) Benzo(g,h,i)perylene	17.64	276	2821729	49.990	ng	97

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



#1

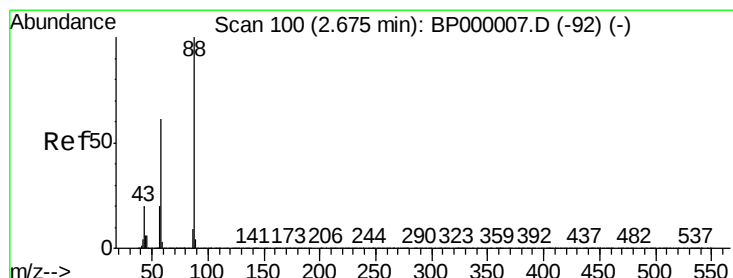
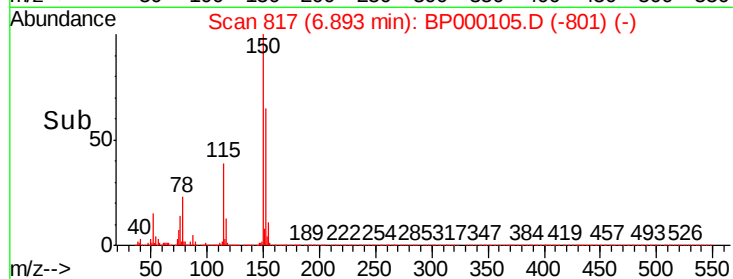
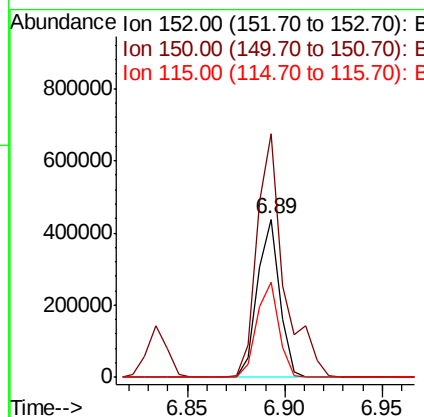
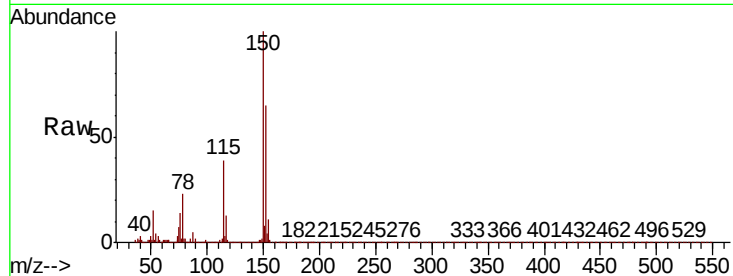
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.89 min Scan# 817
Delta R.T. -0.01 min
Lab File: BP000105.D
Acq: 08 Sep 2019 21:51

Instrument :
BNA_P
ClientSampleId :
PB122885BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.0	123.0	184.6
115	59.9	46.7	70.1

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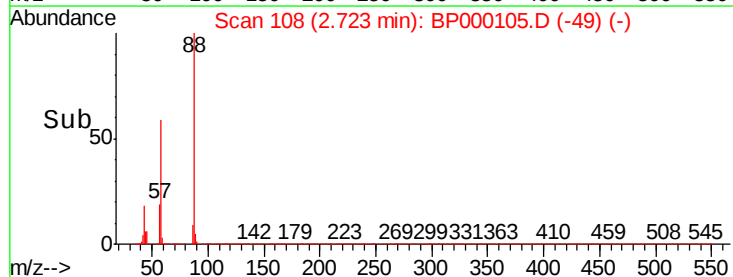
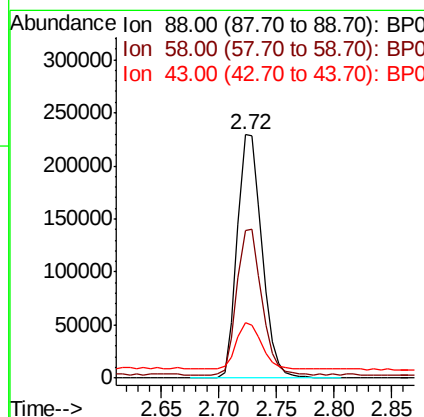
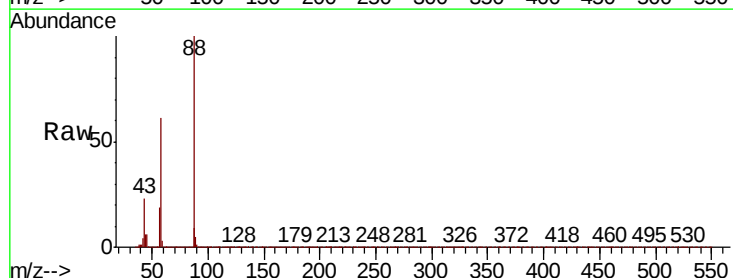
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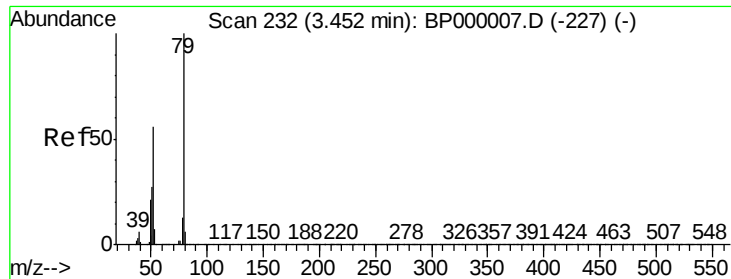


#2

1,4-Dioxane
Concen: 34.285 ng
RT: 2.72 min Scan# 108
Delta R.T. 0.05 min
Lab File: BP000105.D
Acq: 08 Sep 2019 21:51

Tgt Ion	Ratio	Lower	Upper
88	100		
58	60.0	49.8	74.8
43	19.9	16.9	25.3





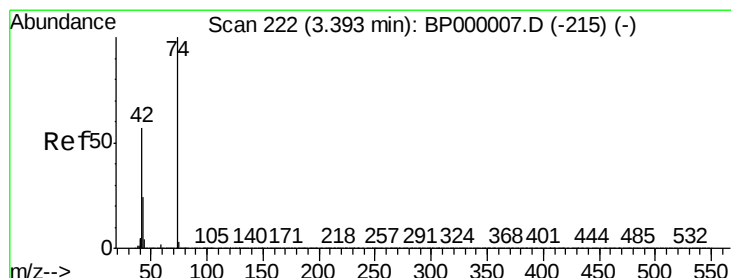
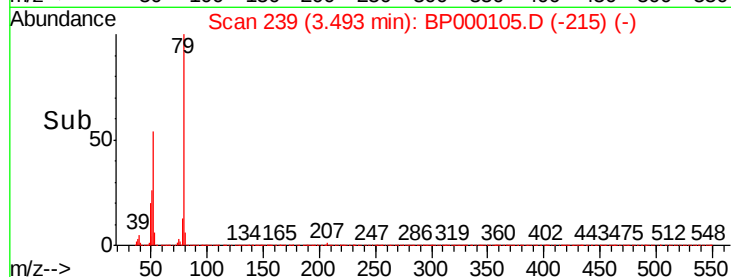
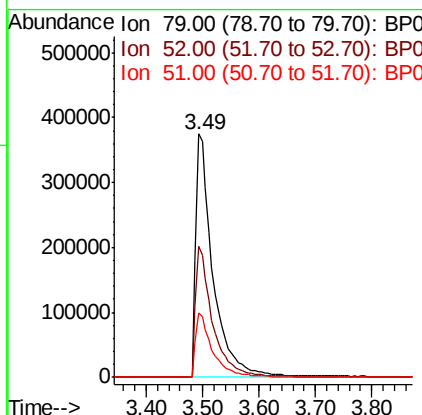
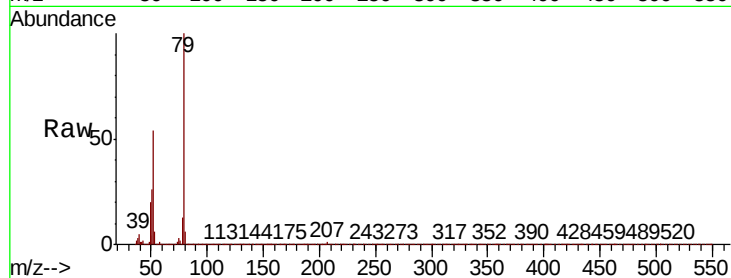
#3
 Pvridine
 Concen: 29.673 ng
 RT: 3.49 min Scan# 239
 Delta R.T. 0.04 min
 Lab File: BP000105.D
 Acq: 08 Sep 2019 21:51

Instrument :
 BNA_P
 ClientSampleId :
 PB122885BS

Tot Ion:	79	Resp:	795635
Ion Ratio	Lower	Upper	
79	100		
52	54.0	44.5	66.7
51	26.3	21.8	32.6

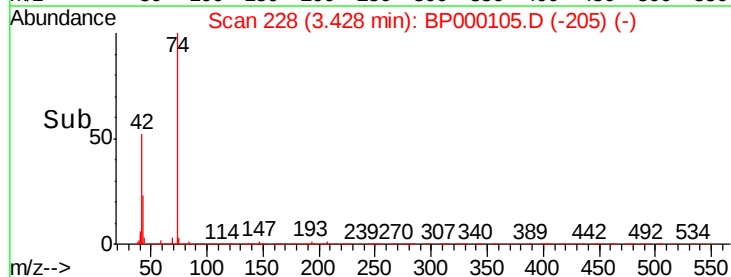
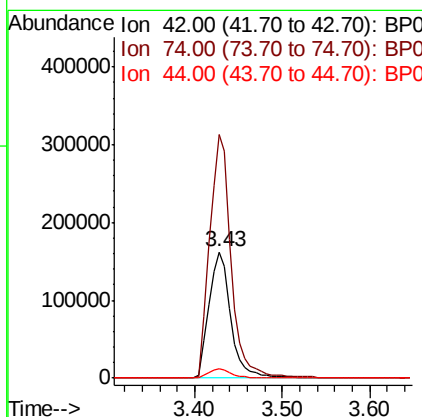
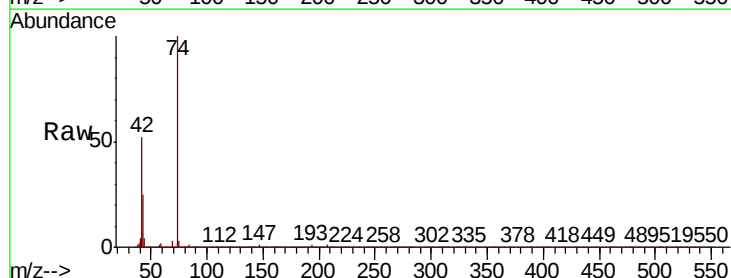
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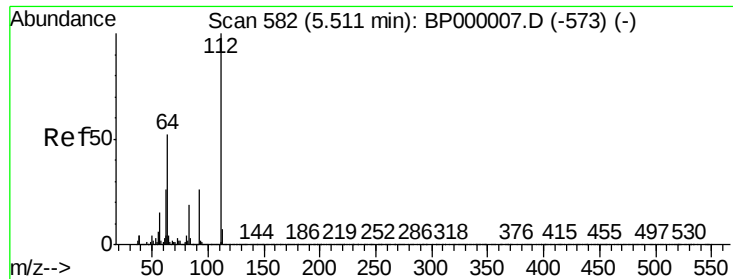
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#4
 n-Nitrosodimethylamine
 Concen: 32.044 ng
 RT: 3.43 min Scan# 228
 Delta R.T. 0.04 min
 Lab File: BP000105.D
 Acq: 08 Sep 2019 21:51

Tgt Ion:	42	Resp:	277445
Ion Ratio	Lower	Upper	
42	100		
74	192.9	139.9	209.9
44	7.1	6.9	10.3





#5

2-Fluorophenol

Concen: 106.392 ng

RT: 5.52 min Scan# 583

Delta R.T. 0.01 min

Lab File: BP000105.D

Acq: 08 Sep 2019 21:51

Instrument :

BNA_P

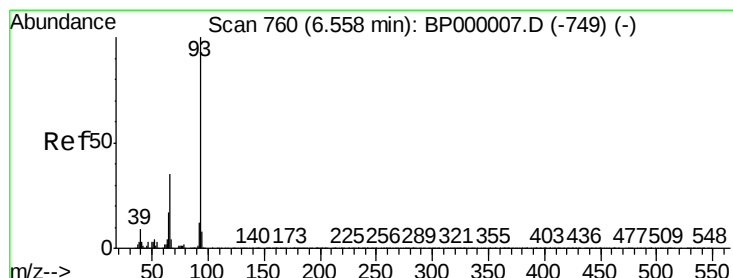
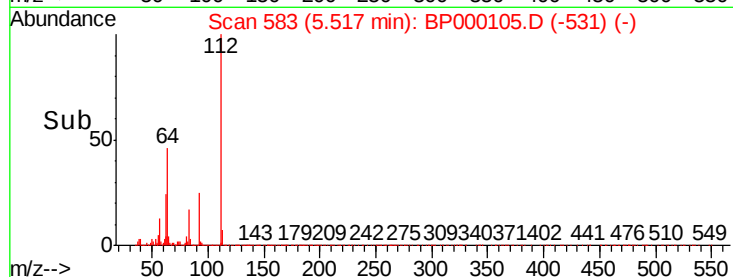
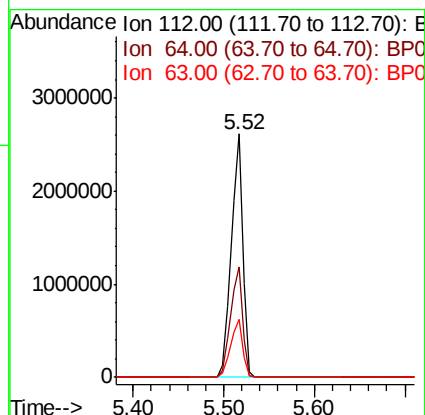
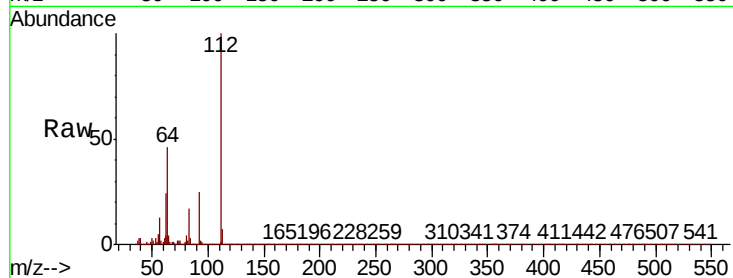
ClientSampleId :

PB122885BS

Tot Ion:	112	Resp:	2301944
Ion	Ratio	Lower	Upper
112	100		
64	45.6	41.8	62.8
63	23.7	21.0	31.4

Manual Integrations
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#6

Aniline

Concen: 28.258 ng

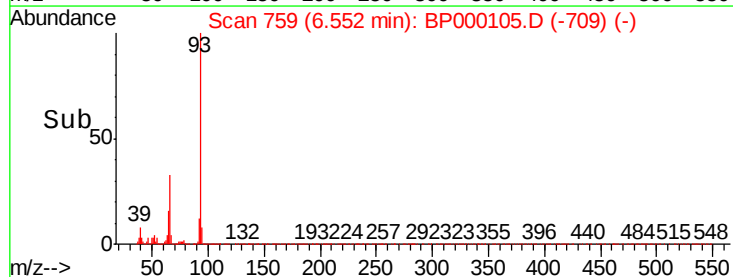
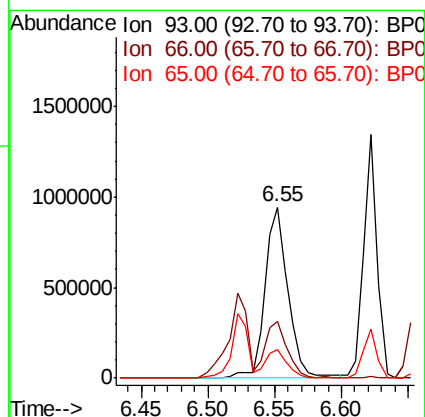
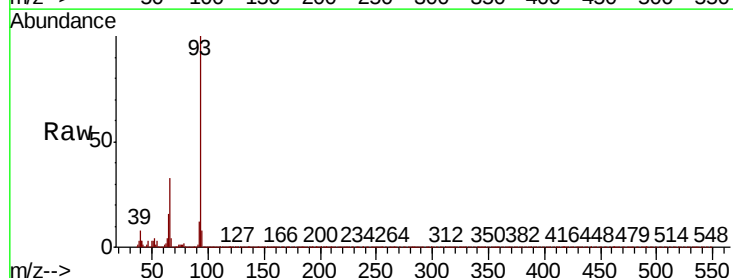
RT: 6.55 min Scan# 759

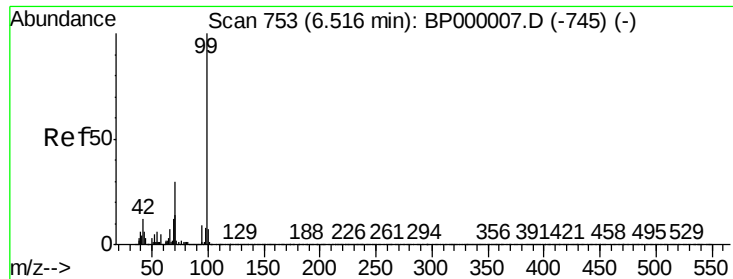
Delta R.T. -0.01 min

Lab File: BP000105.D

Acq: 08 Sep 2019 21:51

Tgt Ion:	93	Resp:	1117052
Ion	Ratio	Lower	Upper
93	100		
66	32.9	27.8	41.8
65	16.4	13.9	20.9





#7

Phenol-d6

Concen: 105.089 ng

RT: 6.51 min Scan# 752

Delta R.T. -0.01 min

Lab File: BP000105.D

Acq: 08 Sep 2019 21:51

Instrument :

BNA_P

ClientSampleId :

PB122885BS

Tot Ion: 99 Resp: 2870423

Ion Ratio Lower Upper

99 100

42 11.4 9.8 14.8

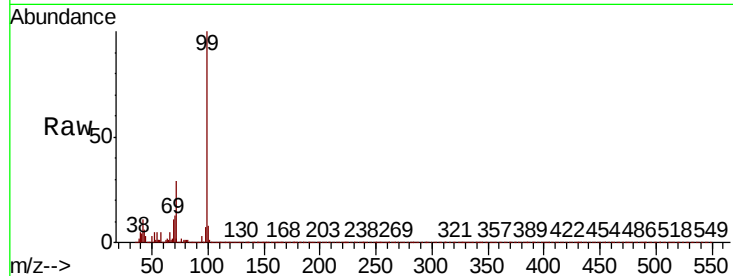
71 29.2 23.8 35.8

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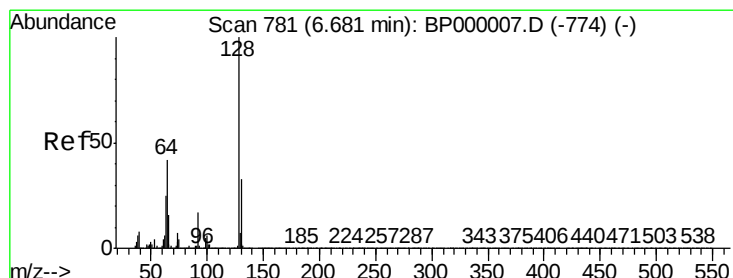
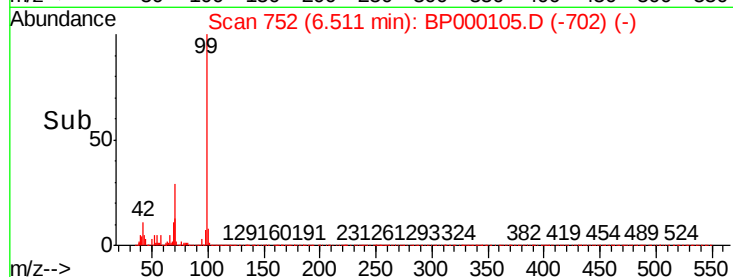
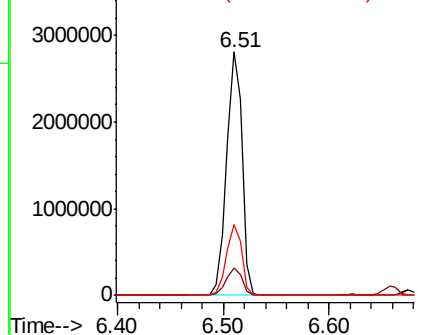
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Abundance Ion 99.00 (98.70 to 99.70): BP0

Ion 42.00 (41.70 to 42.70): BP0

Ion 71.00 (70.70 to 71.70): BP0



#8

2-Chlorophenol

Concen: 42.746 ng

RT: 6.68 min Scan# 780

Delta R.T. -0.01 min

Lab File: BP000105.D

Acq: 08 Sep 2019 21:51

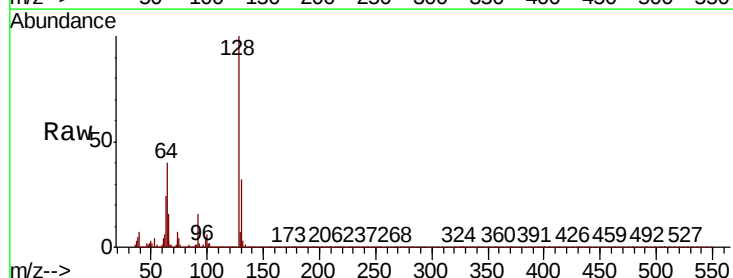
Tgt Ion: 128 Resp: 956321

Ion Ratio Lower Upper

128 100

130 32.3 13.0 53.0

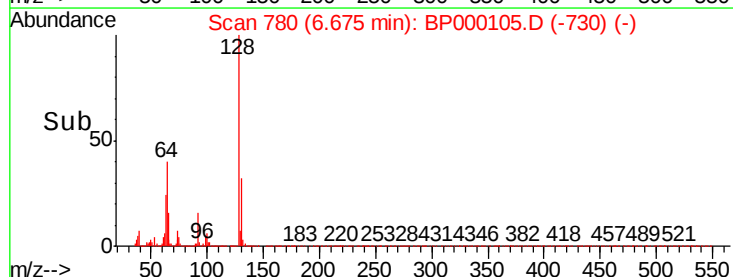
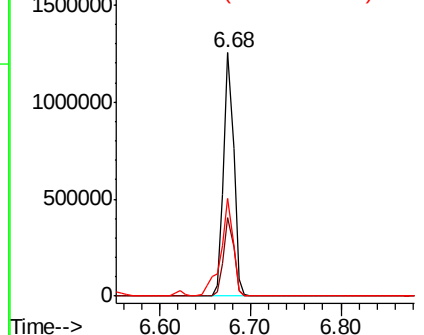
64 40.4 22.0 62.0

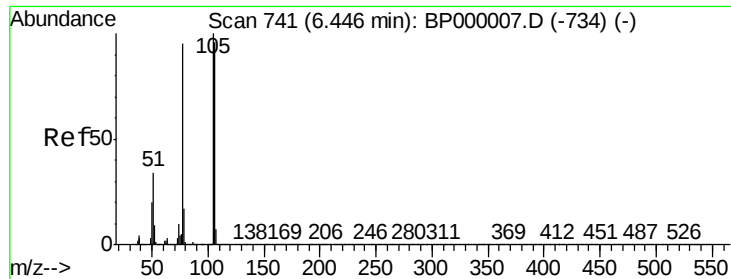


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BP0





#9

Benzaldehyde

Concen: 24.640 ng

RT: 6.44 min Scan# 740

Delta R.T. -0.00 min

Lab File: BP000105.D

Acq: 08 Sep 2019 21:51

Instrument :

BNA_P

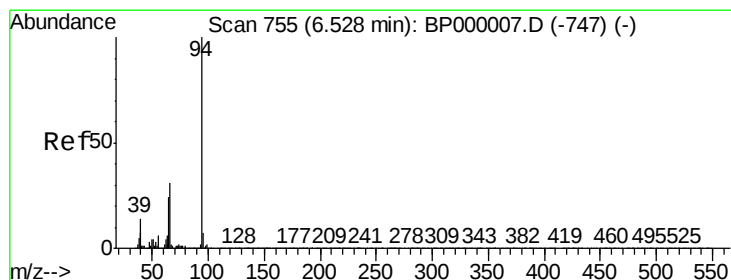
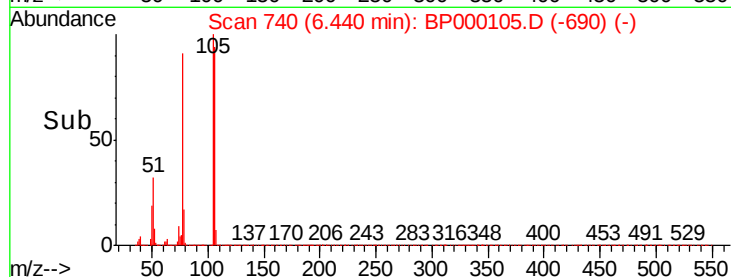
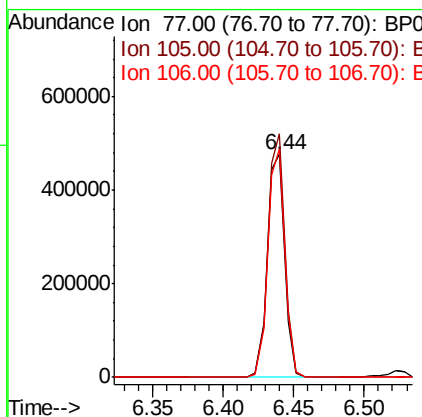
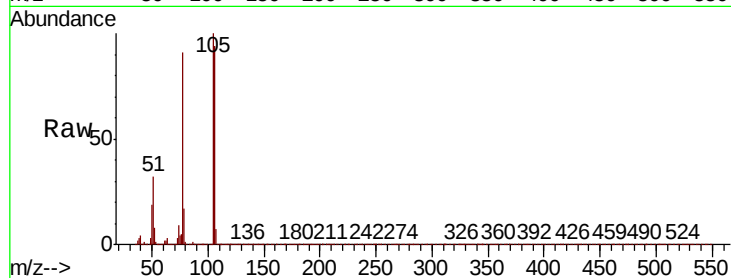
ClientSampleId :

PB122885BS

Tot Ion:	77	Resp:	415025
Ion	Ratio	Lower	Upper
77	100		
105	109.3	85.1	125.1
106	102.7	80.8	120.8

Manual Integrations
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#10

Phenol

Concen: 41.073 ng

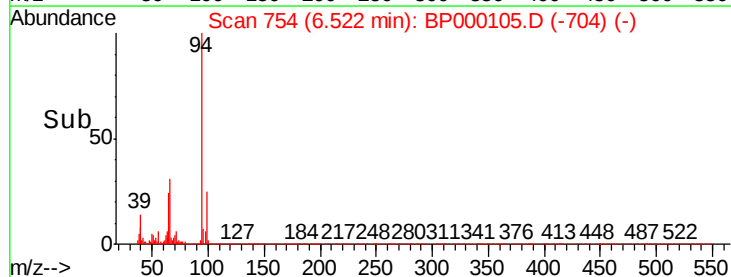
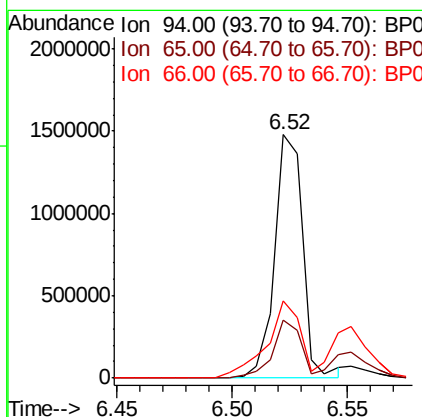
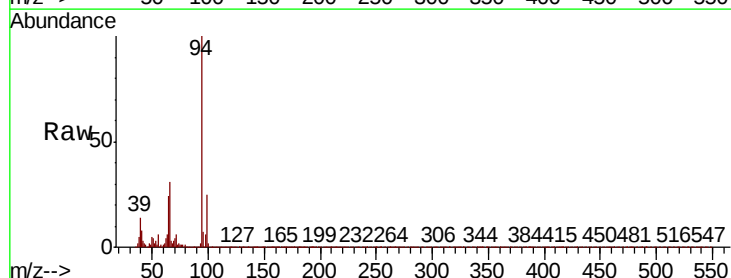
RT: 6.52 min Scan# 754

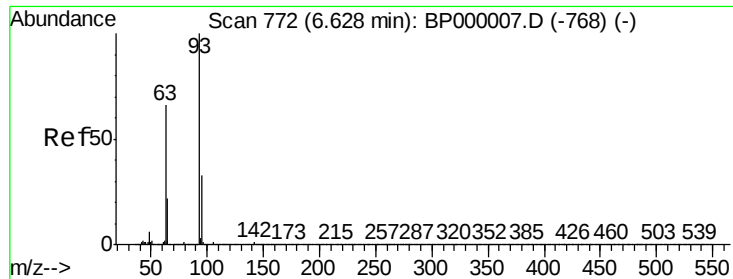
Delta R.T. -0.01 min

Lab File: BP000105.D

Acq: 08 Sep 2019 21:51

Tgt Ion:	94	Resp:	1246424
Ion	Ratio	Lower	Upper
94	100		
65	23.9	4.1	44.1
66	31.5	11.4	51.4





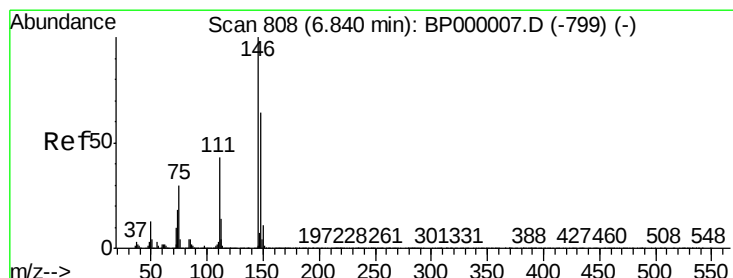
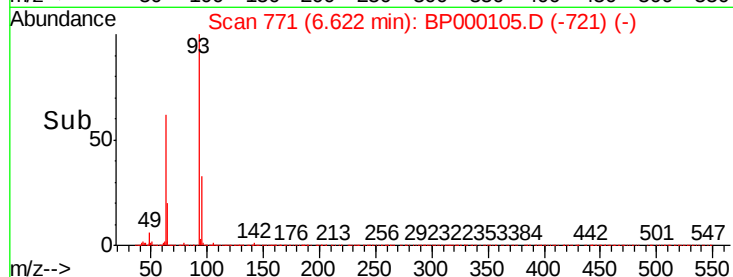
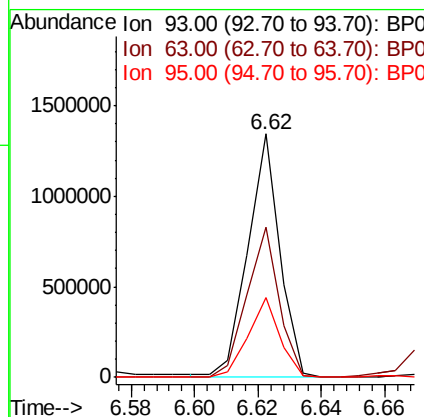
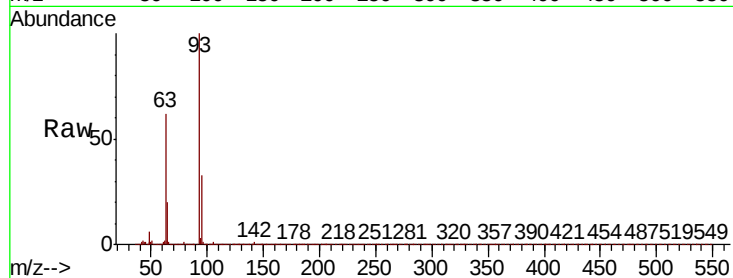
#11
bis(2-Chloroethyl)ether
Concen: 39.014 ng
RT: 6.62 min Scan# 771
Delta R.T. -0.01 min
Lab File: BP000105.D
Acq: 08 Sep 2019 21:51

Instrument :
BNA_P
ClientSampleId :
PB122885BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
93	93	100	935265		
63	63	61.9	46.0	86.0	
95	95	32.8	12.7	52.7	

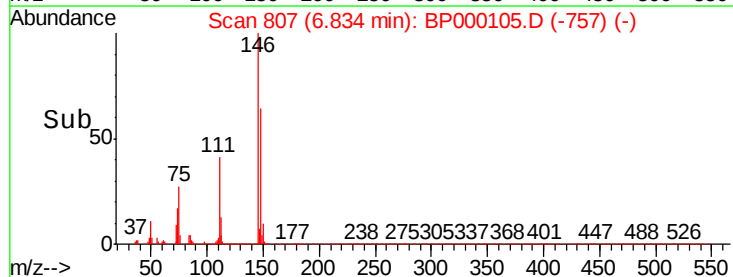
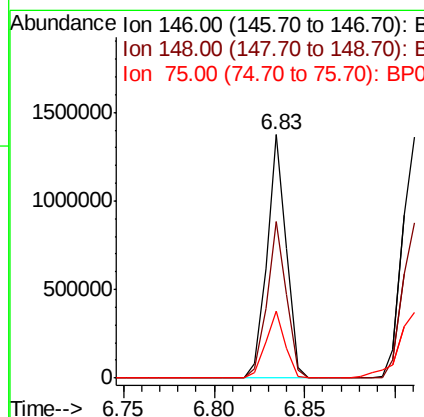
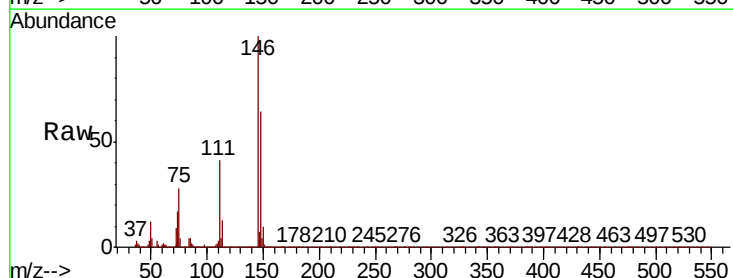
Manual Integrations
APPROVED

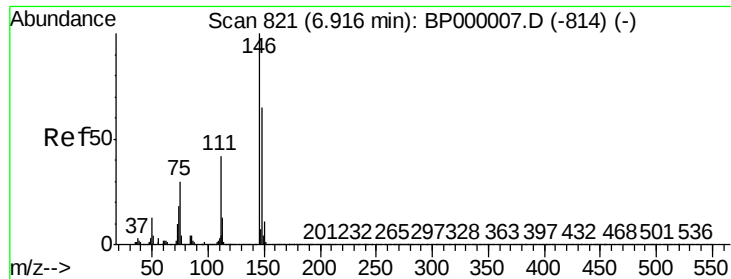
mohammad
9/10/2019 2:09:28 PM



#12
1,3-Dichlorobenzene
Concen: 38.905 ng
RT: 6.83 min Scan# 807
Delta R.T. -0.01 min
Lab File: BP000105.D
Acq: 08 Sep 2019 21:51

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
146	146	100	1015250		
148	148	64.1	51.4	77.2	
75	75	27.6	24.0	36.0	





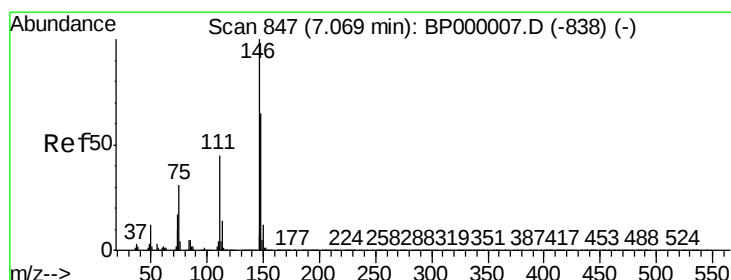
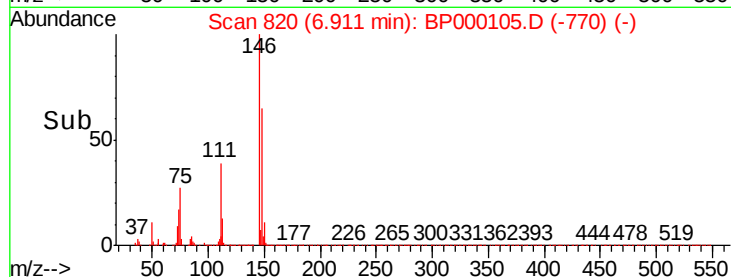
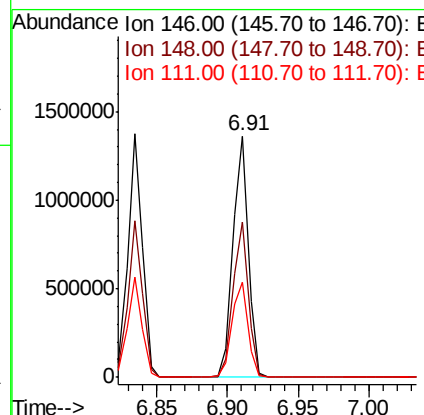
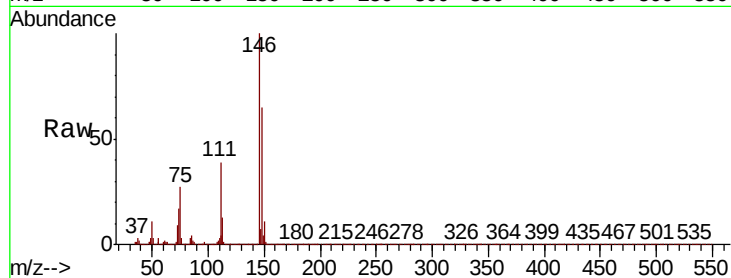
#13
1,4-Dichlorobenzene
Concen: 39.407 ng
RT: 6.91 min Scan# 820
Delta R.T. -0.01 min
Lab File: BP000105.D
Acq: 08 Sep 2019 21:51

Instrument :
BNA_P
ClientSampleId :
PB122885BS

Tot Ion	Ratio	Lower	Upper
146	100		
148	64.7	51.6	77.4
111	39.2	33.4	50.0

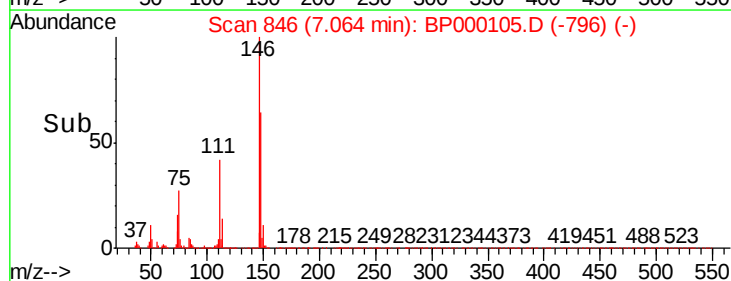
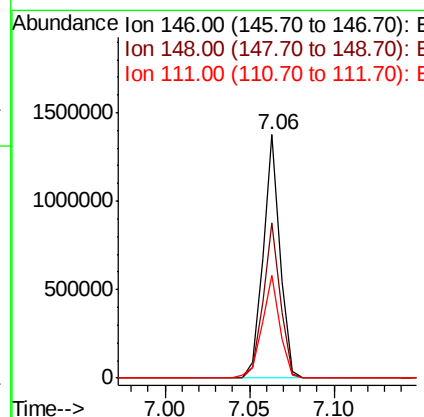
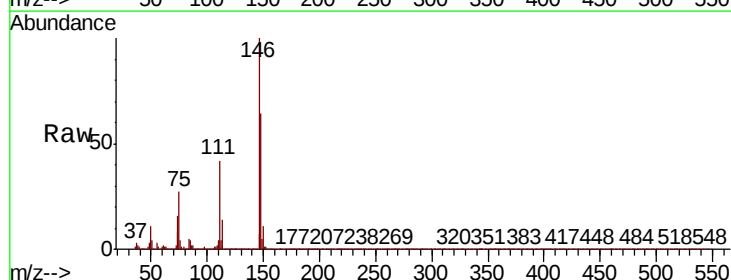
Manual Integrations
APPROVED

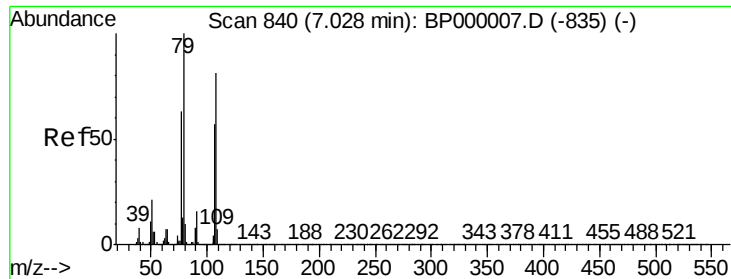
mohammad
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#14
1,2-Dichlorobenzene
Concen: 40.386 ng
RT: 7.06 min Scan# 846
Delta R.T. -0.01 min
Lab File: BP000105.D
Acq: 08 Sep 2019 21:51

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.8	51.8	77.8
111	42.1	36.4	54.6





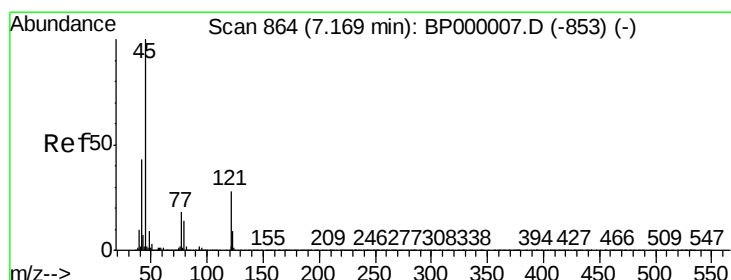
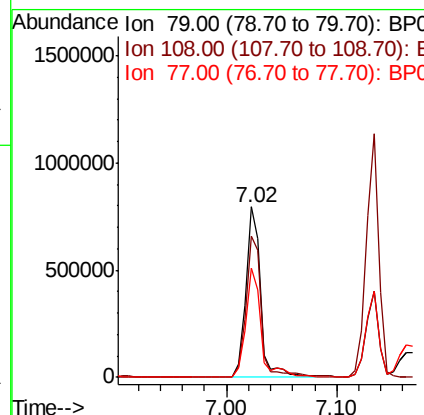
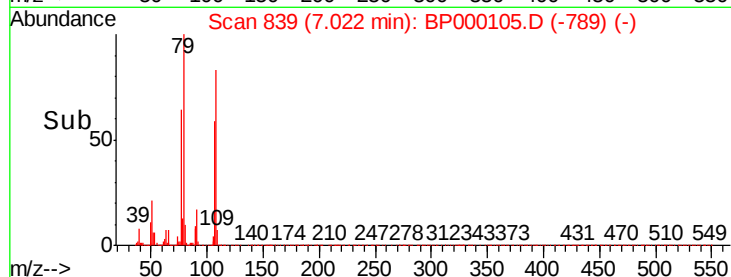
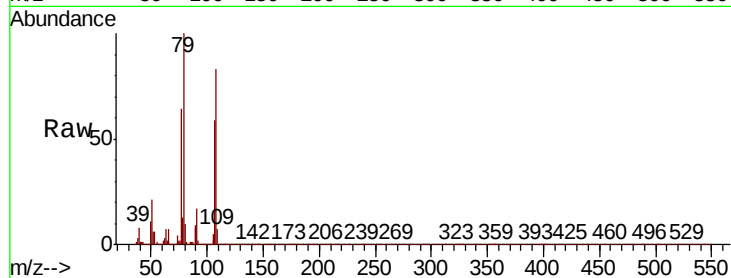
#15
Benzyl Alcohol
Concen: 37.694 ng
RT: 7.02 min Scan# 839
Delta R.T. -0.01 min
Lab File: BP000105.D
Acq: 08 Sep 2019 21:51

Instrument :
BNA_P
ClientSampleId :
PB122885BS

Tot Ion	Ratio	Lower	Upper
79	100		
108	83.4	64.5	96.7
77	63.9	50.3	75.5

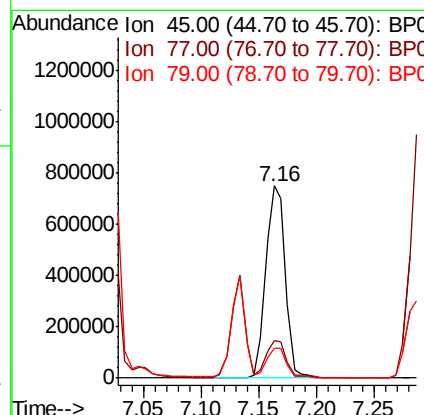
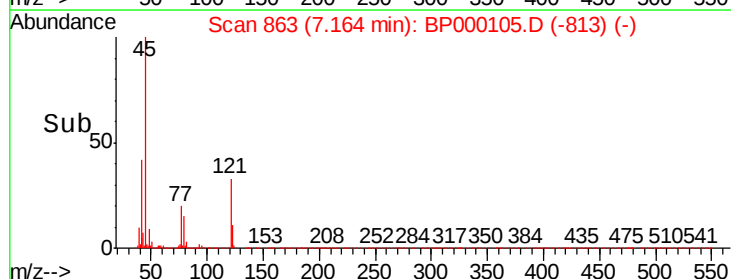
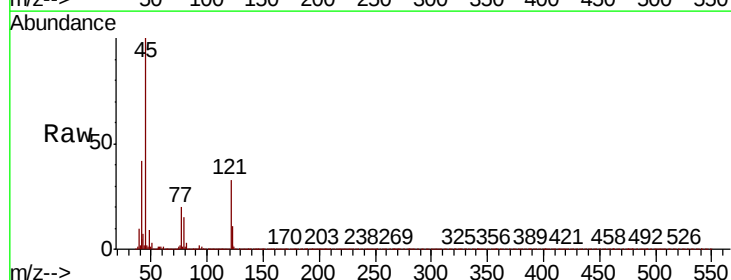
Manual Integrations
APPROVED

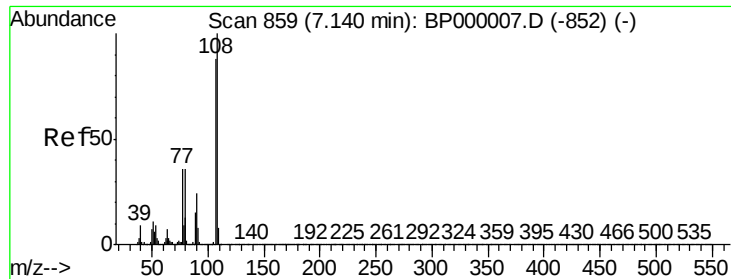
mohammad
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#16
2,2'-oxybis(1-chloropropane)
Concen: 34.491 ng
RT: 7.16 min Scan# 863
Delta R.T. -0.01 min
Lab File: BP000105.D
Acq: 08 Sep 2019 21:51

Tgt Ion	Ratio	Lower	Upper
45	100		
77	19.9	0.0	38.0
79	15.4	0.0	33.9





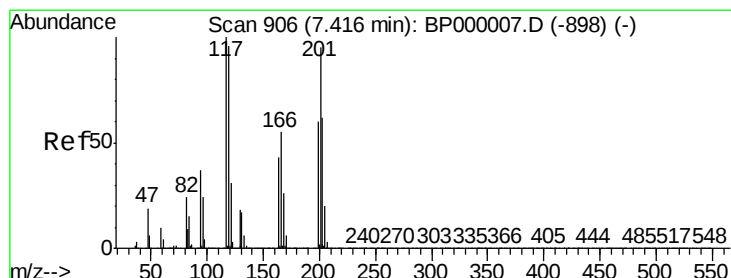
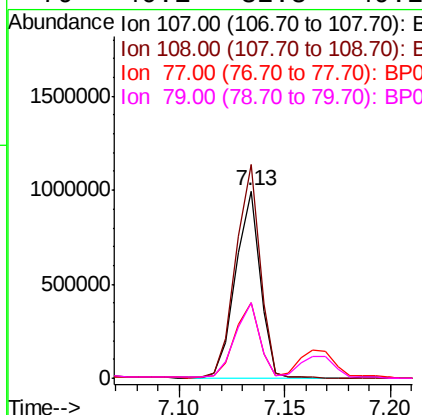
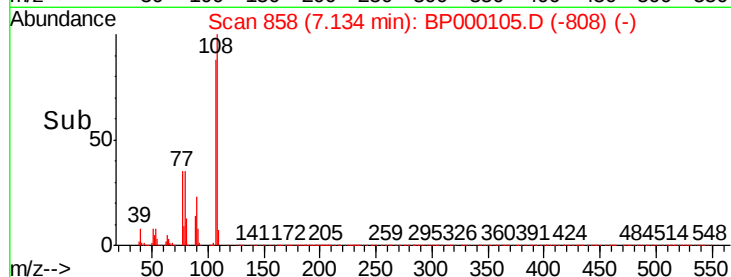
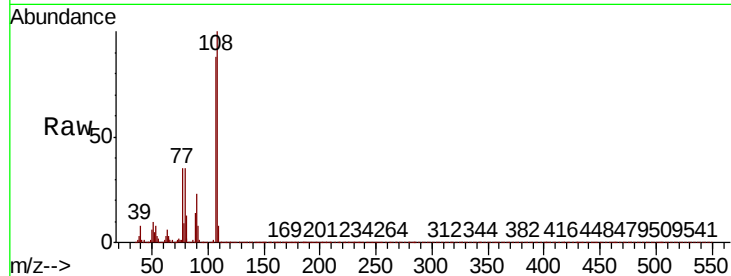
#17
2-Methylphenol
Concen: 41.454 ng
RT: 7.13 min Scan# 858
Delta R.T. -0.01 min
Lab File: BP000105.D
Acq: 08 Sep 2019 21:51

Instrument :
BNA_P
ClientSampleId :
PB122885BS

Tot Ion	Ratio	Resp	Lower	Upper
107	100	796506		
108	114.0	90.9	136.3	
77	40.2	33.2	49.8	
79	40.1	32.8	49.2	

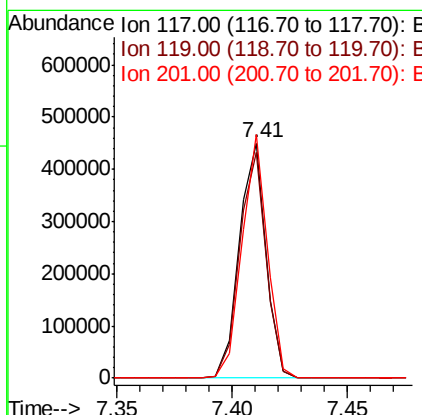
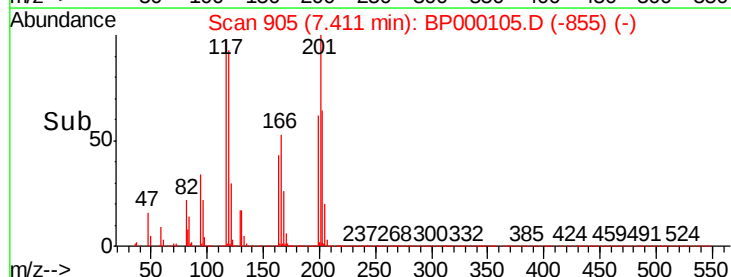
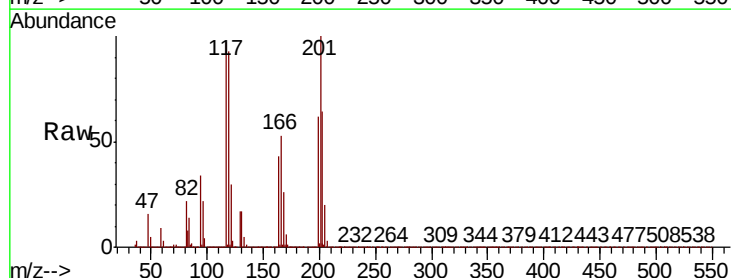
Manual Integrations
APPROVED

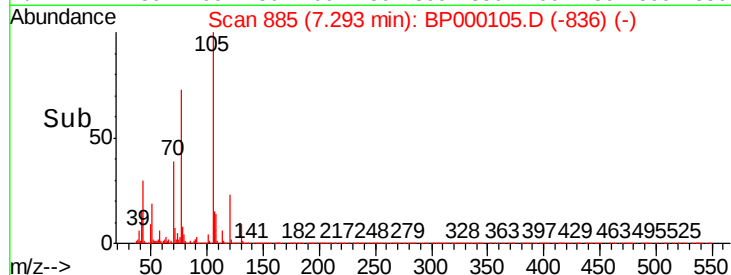
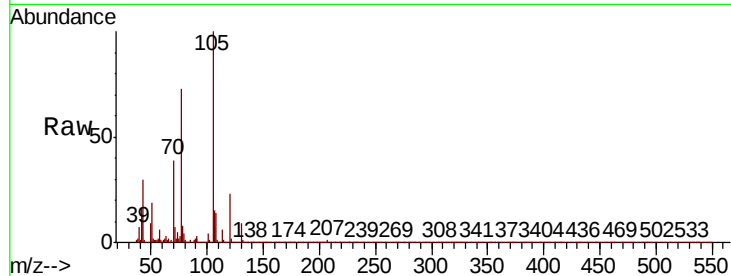
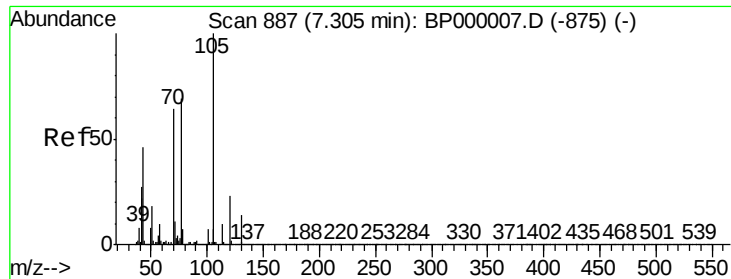
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#18
Hexachloroethane
Concen: 37.644 ng
RT: 7.41 min Scan# 905
Delta R.T. -0.01 min
Lab File: BP000105.D
Acq: 08 Sep 2019 21:51

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	362798		
119	96.0	77.0	115.6	
201	103.5	76.2	114.4	





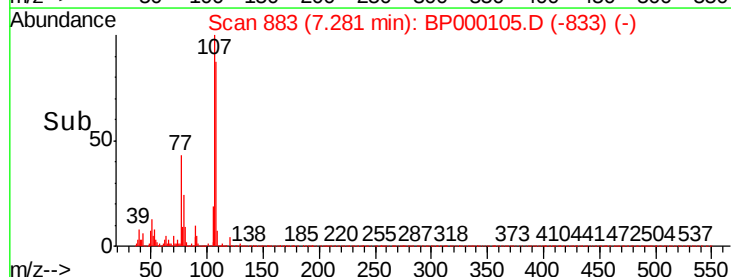
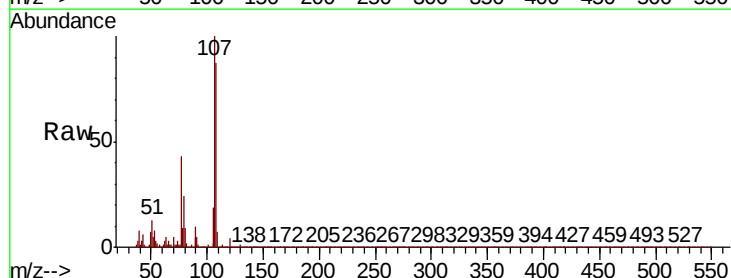
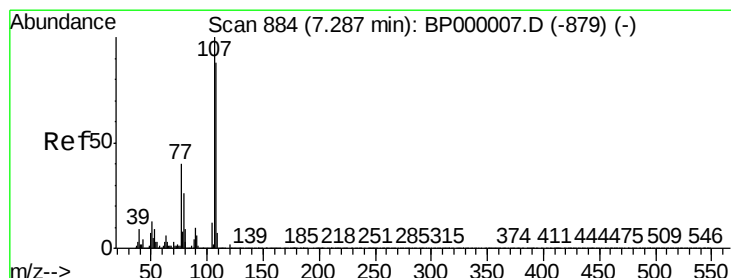
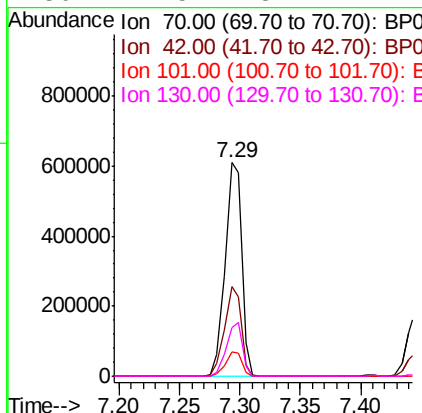
#19
n-Nitroso-di-n-propylamine
Concen: 37.373 ng
RT: 7.29 min Scan# 885
Delta R.T. -0.01 min
Lab File: BP000105.D
Acq: 08 Sep 2019 21:51

Instrument :
BNA_P
ClientSampleId :
PB122885BS

Tot Ion	Ratio	Lower	Upper
70	100		
42	41.8	33.8	50.6
101	11.2	8.7	13.1
130	22.5	18.1	27.1

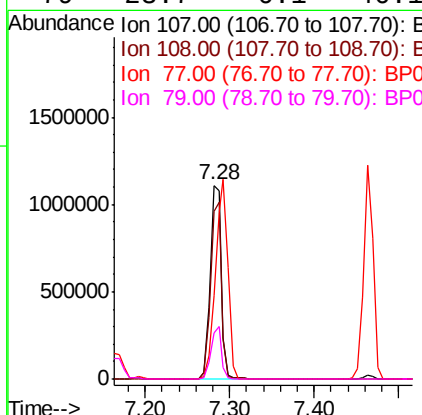
Manual Integrations
APPROVED

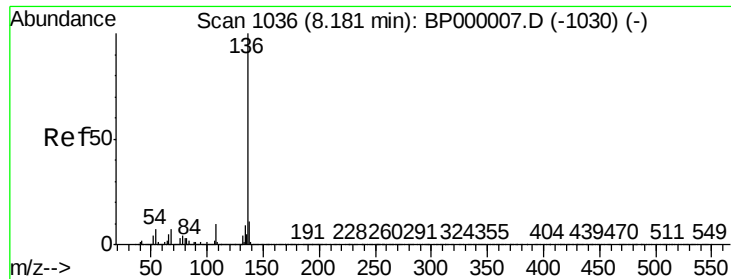
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#20
3+4-Methylphenols
Concen: 42.997 ng
RT: 7.28 min Scan# 883
Delta R.T. -0.01 min
Lab File: BP000105.D
Acq: 08 Sep 2019 21:51

Tgt Ion	Ratio	Lower	Upper
107	100		
108	86.5	68.1	108.1
77	42.8	19.8	59.8
79	23.7	6.1	46.1





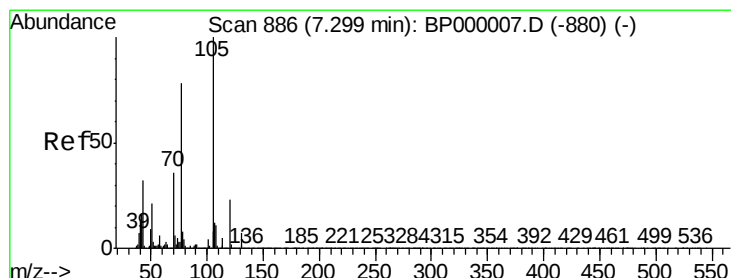
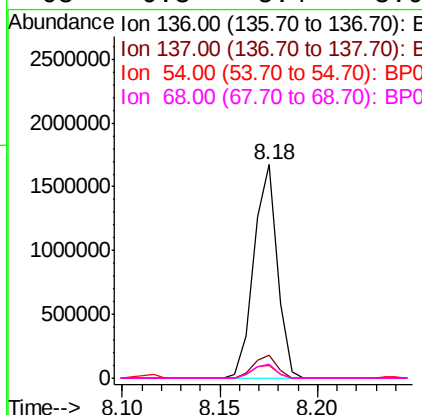
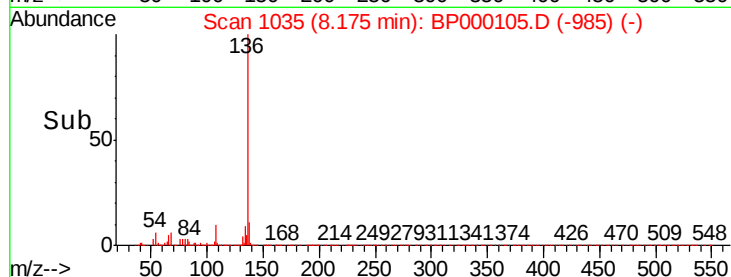
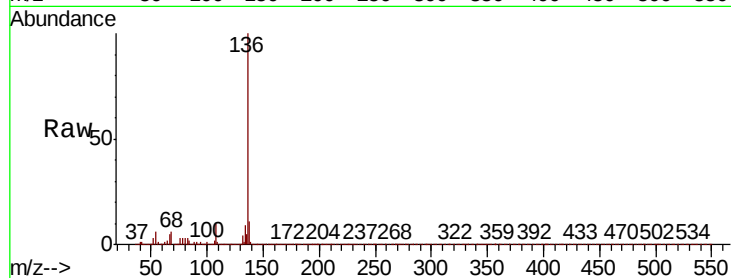
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.18 min Scan# 1035
Delta R.T. -0.01 min
Lab File: BP000105.D
Acq: 08 Sep 2019 21:51

Instrument :
BNA_P
ClientSampleId :
PB122885BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
136	100		1389946		
137	10.9	8.6	13.0		
54	6.0	5.4	8.2		
68	6.3	5.4	8.0		

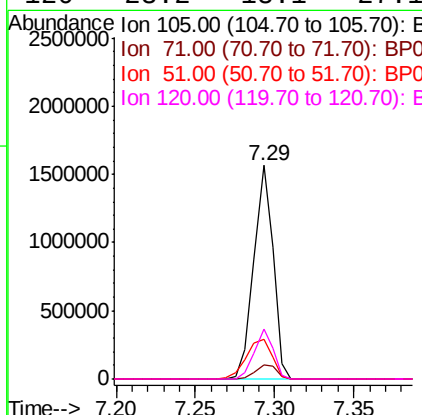
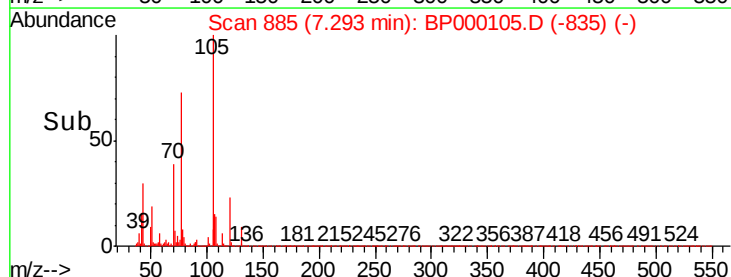
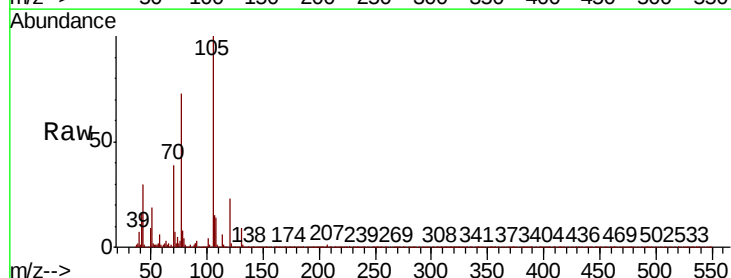
Manual Integrations
APPROVED

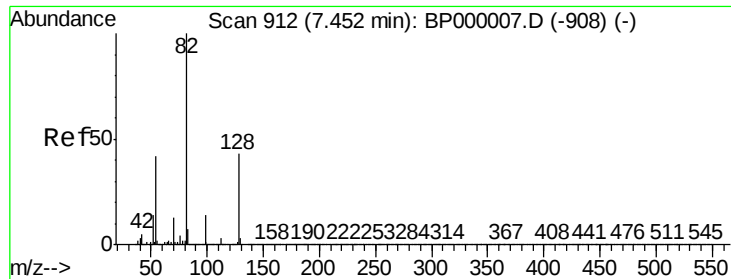
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#22
Acetophenone
Concen: 39.827 ng
RT: 7.29 min Scan# 885
Delta R.T. -0.01 min
Lab File: BP000105.D
Acq: 08 Sep 2019 21:51

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
105	100		1325947		
71	6.7	4.8	7.2		
51	18.8	17.0	25.4		
120	23.2	18.1	27.1		





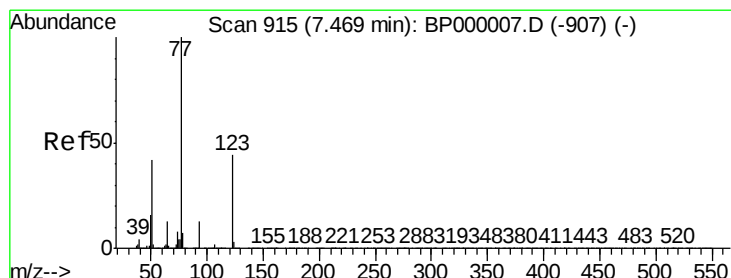
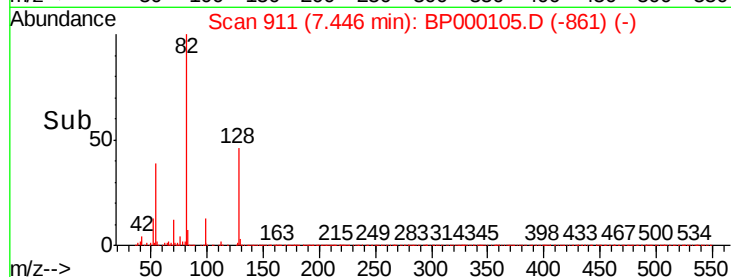
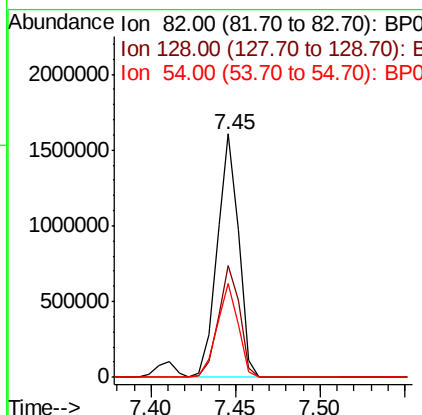
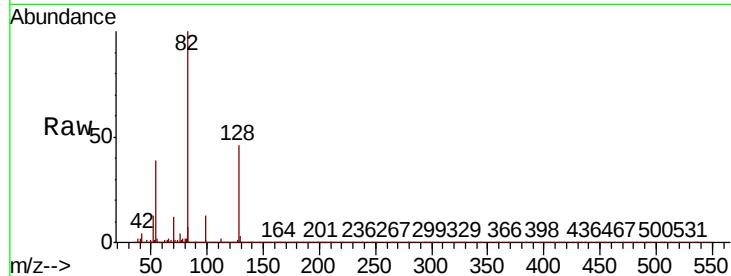
#23
 Nitrobenzene-d5
 Concen: 62.598 ng
 RT: 7.45 min Scan# 911
 Delta R.T. -0.01 min
 Lab File: BP000105.D
 Acq: 08 Sep 2019 21:51

Instrument :
 BNA_P
 ClientSampleId :
 PB122885BS

Tot Ion	Ratio	Lower	Upper
82	100		
128	46.0	34.5	51.7
54	38.7	33.2	49.8

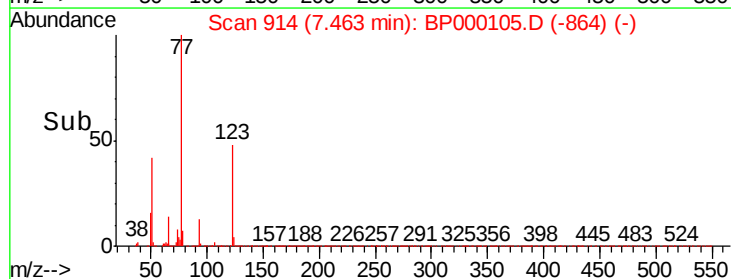
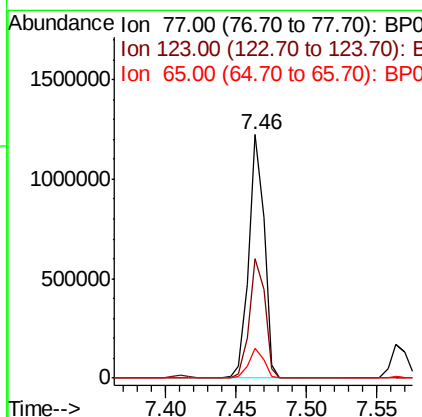
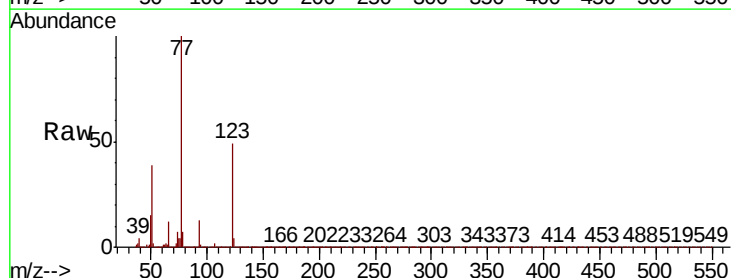
Manual Integrations
 APPROVED

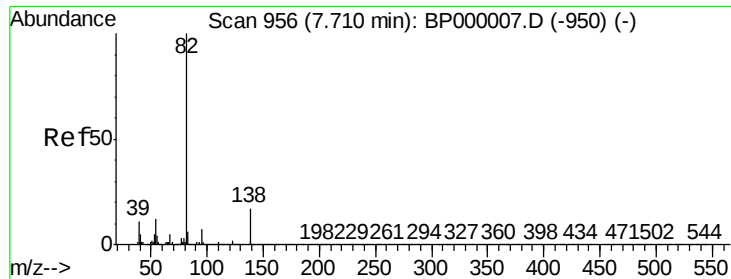
mohammad
 9/10/2019 2:09:28 PM



#24
 Nitrobenzene
 Concen: 38.032 ng
 RT: 7.46 min Scan# 914
 Delta R.T. -0.01 min
 Lab File: BP000105.D
 Acq: 08 Sep 2019 21:51

Tgt Ion	Ratio	Lower	Upper
77	100		
123	48.9	35.8	53.8
65	12.3	10.1	15.1





#25

Isophorone

Concen: 37.113 ng

RT: 7.70 min Scan# 955

Delta R.T. -0.01 min

Lab File: BP000105.D

Acq: 08 Sep 2019 21:51

Instrument :

BNA_P

ClientSampleID :

PB122885BS

Tot Ion: 82 Resp: 1776342

Ion Ratio Lower Upper

82 100

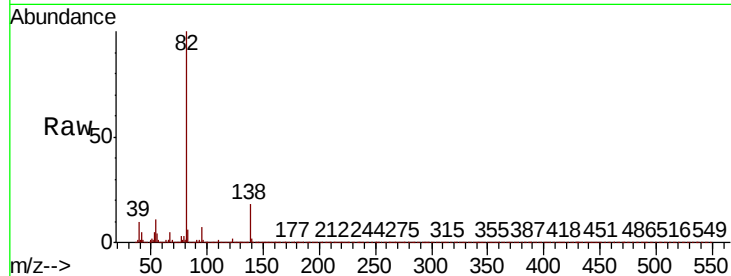
95 7.0 5.6 8.4

138 18.2 13.8 20.6

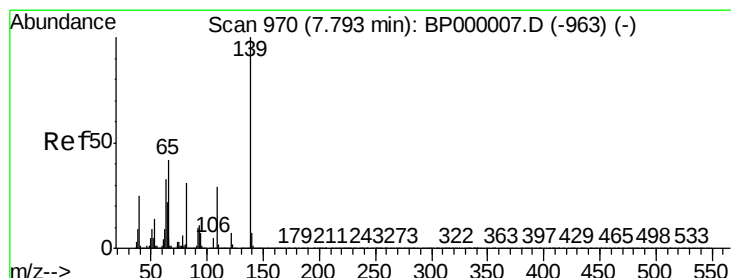
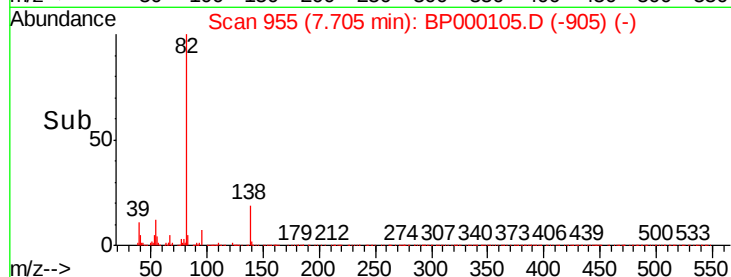
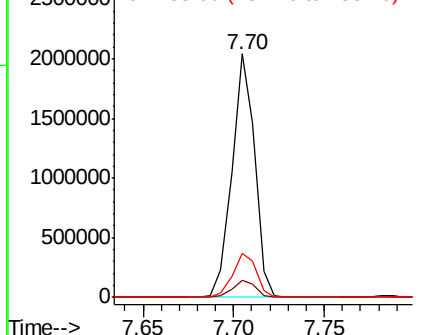
Manual Integrations
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Abundance Ion 82.00 (81.70 to 82.70): BP0
Ion 95.00 (94.70 to 95.70): BP0
Ion 138.00 (137.70 to 138.70): E



#26

2-Nitrophenol

Concen: 43.968 ng

RT: 7.79 min Scan# 969

Delta R.T. -0.01 min

Lab File: BP000105.D

Acq: 08 Sep 2019 21:51

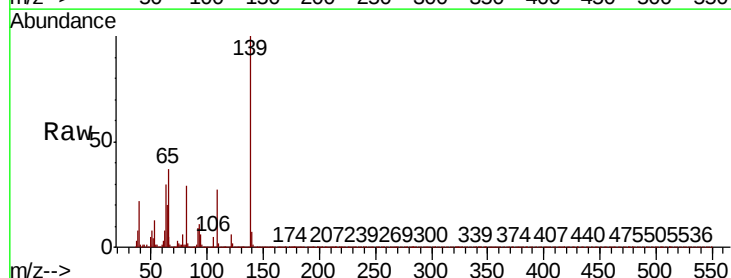
Tgt Ion: 139 Resp: 420195

Ion Ratio Lower Upper

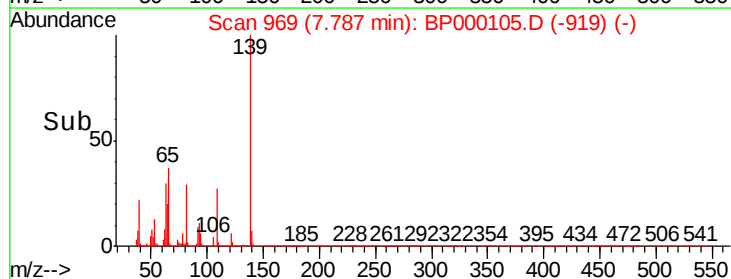
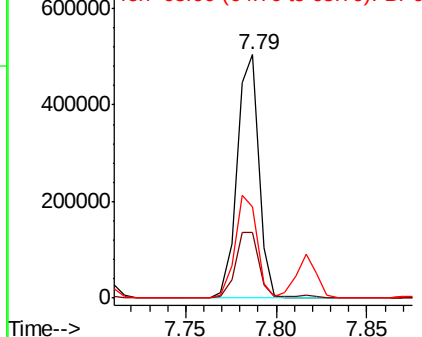
139 100

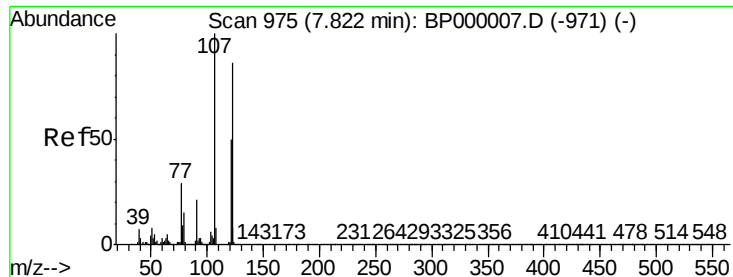
109 27.0 23.4 35.0

65 37.3 33.4 50.0



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





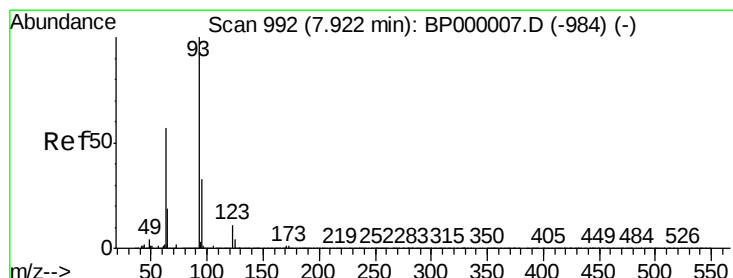
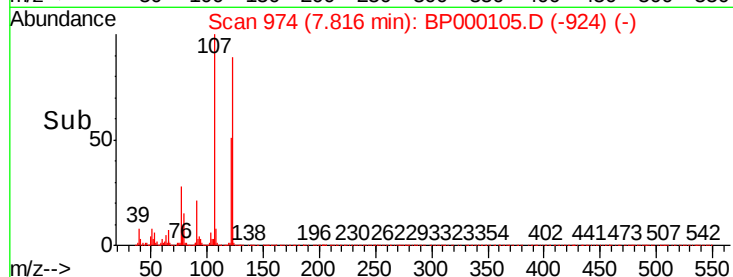
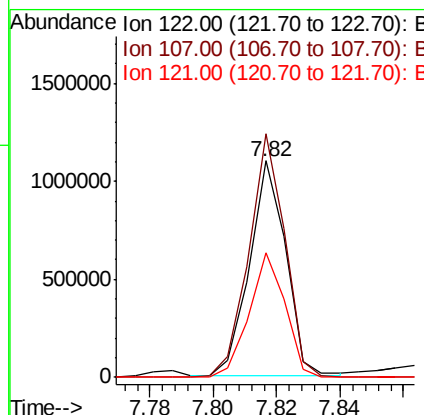
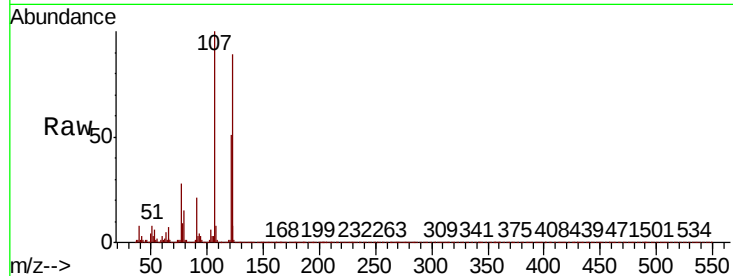
#27
2,4-Dimethylphenol
Concen: 45.455 ng
RT: 7.82 min Scan# 974
Delta R.T. -0.01 min
Lab File: BP000105.D
Acq: 08 Sep 2019 21:51

Instrument :
BNA_P
ClientSampleId :
PB122885BS

Tot Ion	Ratio	Resp	Lower	Upper
122	100			
107	112.4	92.9	139.3	
121	57.7	46.8	70.2	

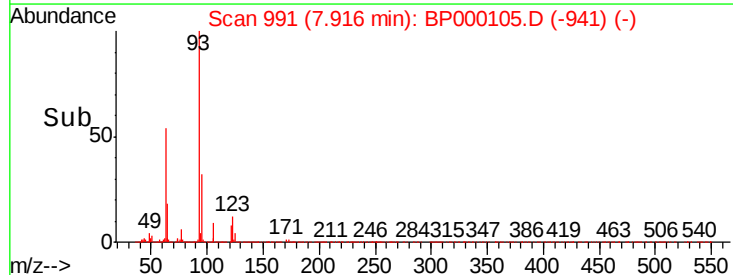
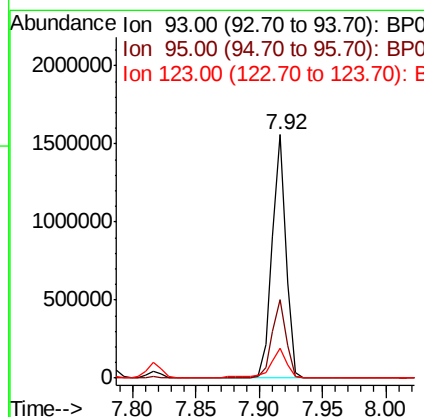
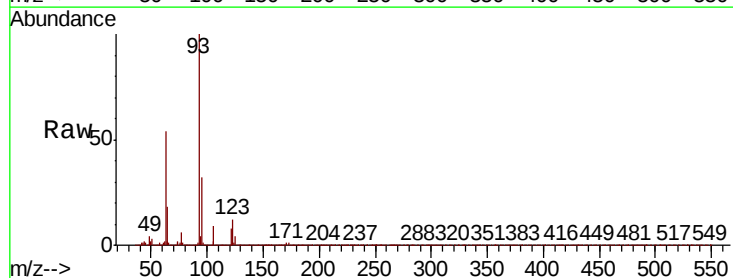
Manual Integrations
APPROVED

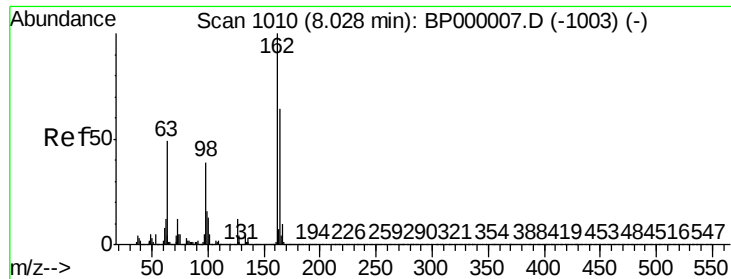
mohammad
9/10/2019 2:09:28 PM



#28
bis(2-Chloroethoxy)methane
Concen: 37.907 ng
RT: 7.92 min Scan# 991
Delta R.T. -0.01 min
Lab File: BP000105.D
Acq: 08 Sep 2019 21:51

Tgt Ion	Ratio	Resp	Lower	Upper
93	100			
95	32.2	26.1	39.1	
123	12.3	9.0	13.4	





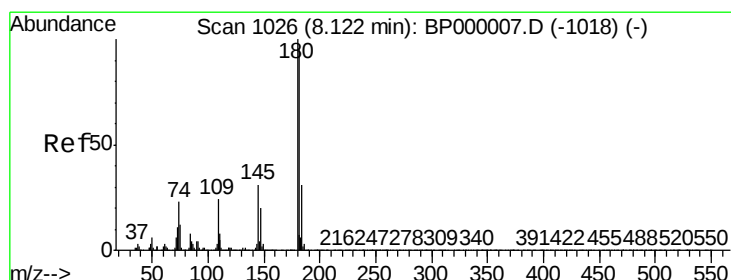
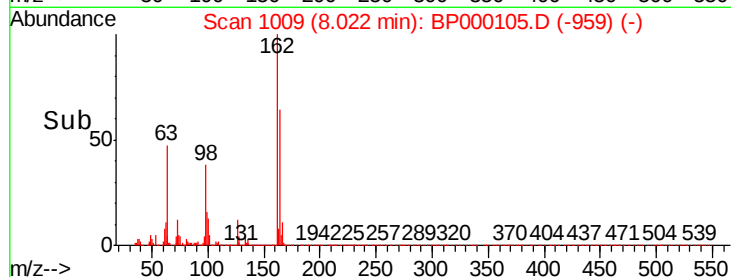
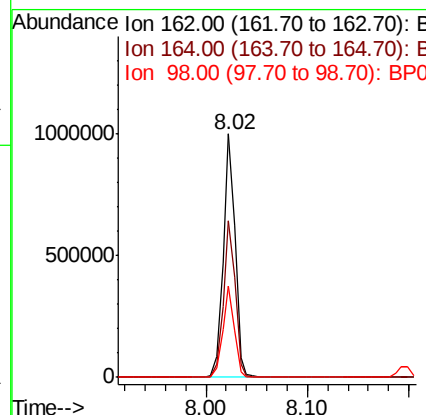
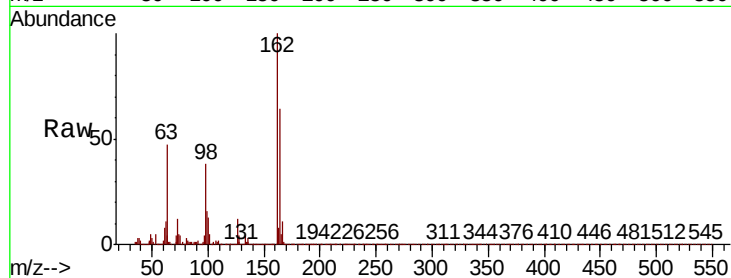
#29
2,4-Dichlorophenol
Concen: 40.935 ng
RT: 8.02 min Scan# 1009
Delta R.T. -0.01 min
Lab File: BP000105.D
Acq: 08 Sep 2019 21:51

Instrument :
BNA_P
ClientSampled :
PB122885BS

Tot Ion	Ratio	Resp	Lower	Upper
162	100	811735		
164	64.3	44.2	84.2	
98	37.5	18.7	58.7	

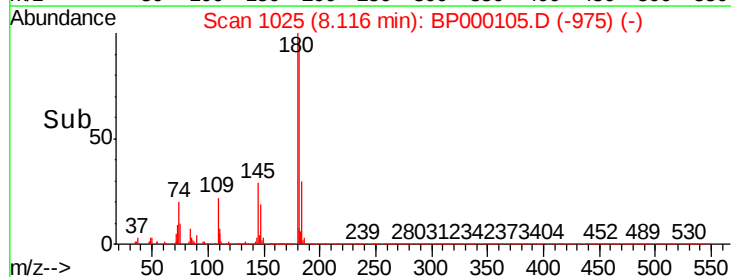
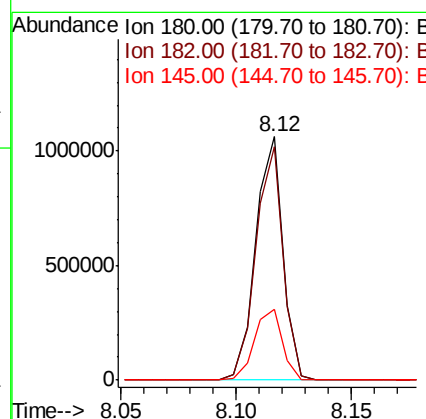
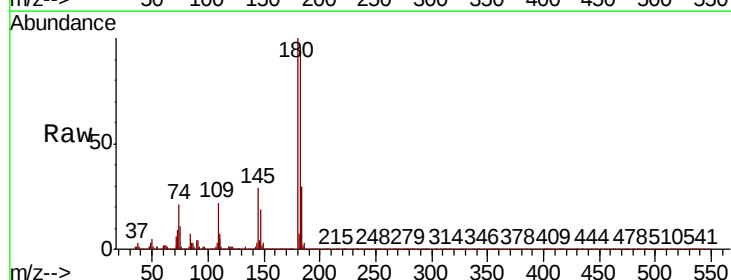
Manual Integrations
APPROVED

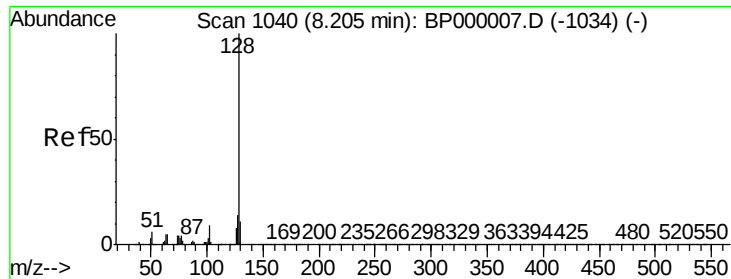
mohammad
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#30
1,2,4-Trichlorobenzene
Concen: 38.849 ng
RT: 8.12 min Scan# 1025
Delta R.T. -0.01 min
Lab File: BP000105.D
Acq: 08 Sep 2019 21:51

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	878232		
182	95.8	76.7	115.1	
145	29.0	24.8	37.2	





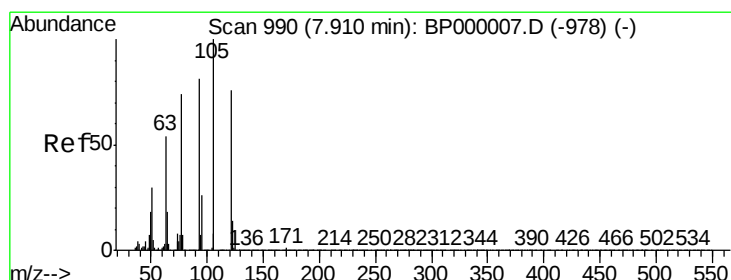
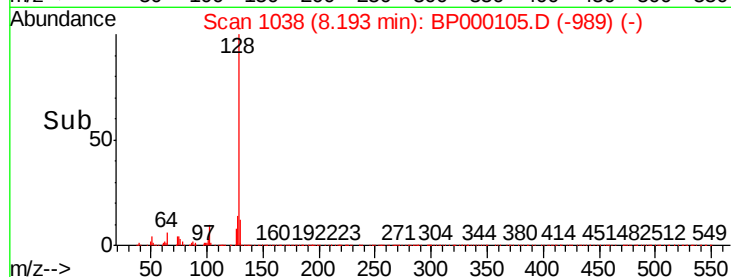
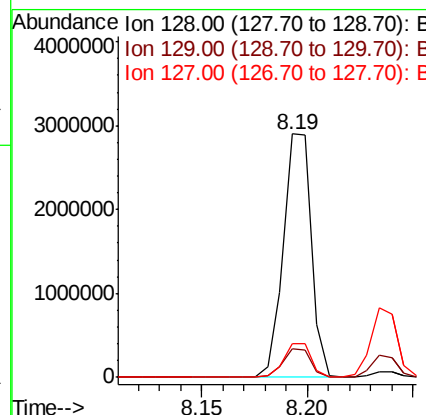
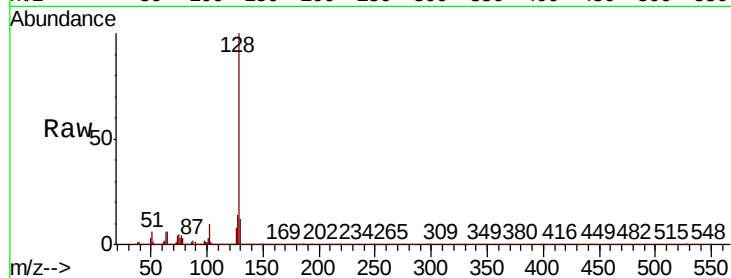
#31
Naphthalene
Concen: 41.963 ng
RT: 8.19 min Scan# 1038
Delta R.T. -0.01 min
Lab File: BP000105.D
Acq: 08 Sep 2019 21:51

Instrument :
BNA_P
ClientSampleId :
PB122885BS

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.6	9.0	13.6
127	13.8	11.0	16.6

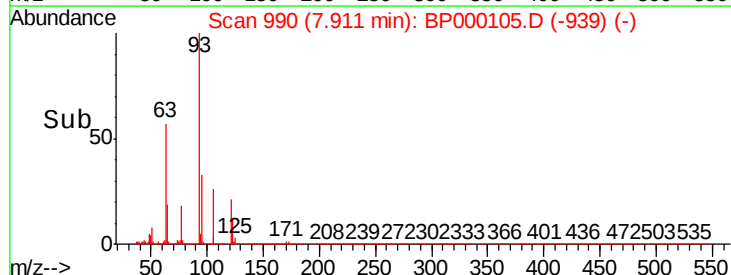
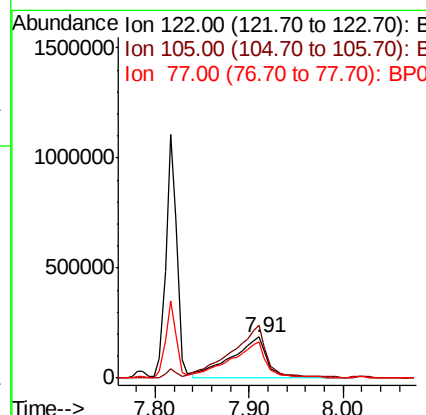
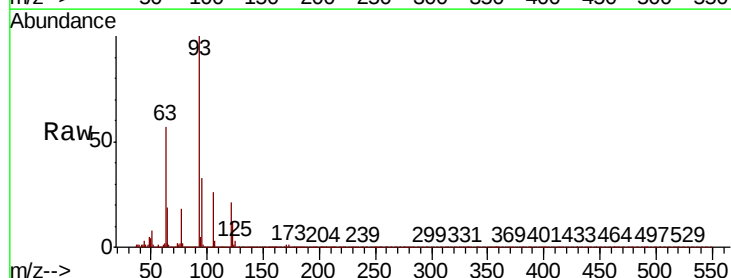
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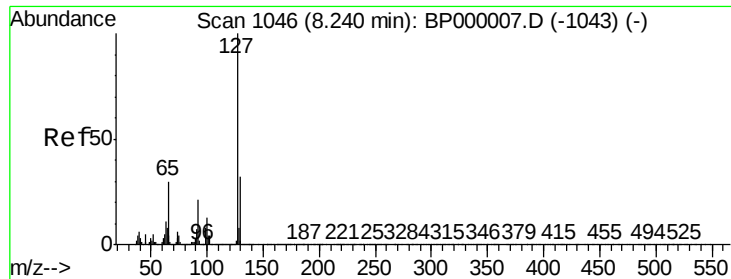
mohammad
9/10/2019 2:09:28 PM



#32
Benzoic acid
Concen: 38.636 ng
RT: 7.91 min Scan# 990
Delta R.T. 0.00 min
Lab File: BP000105.D
Acq: 08 Sep 2019 21:51

Tgt Ion	Ratio	Lower	Upper
122	100		
105	127.3	104.6	144.6
77	86.7	74.1	114.1





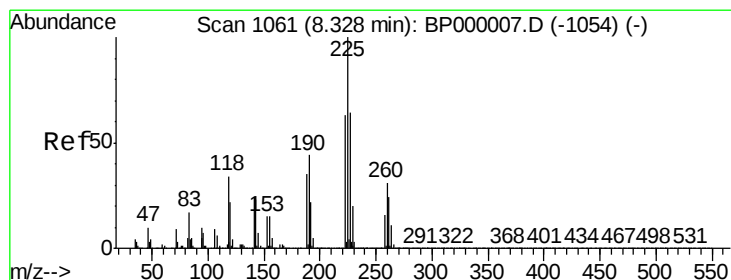
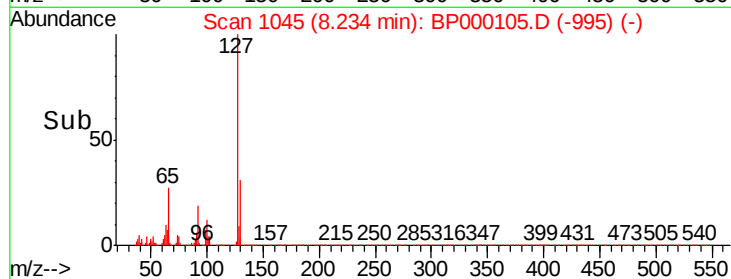
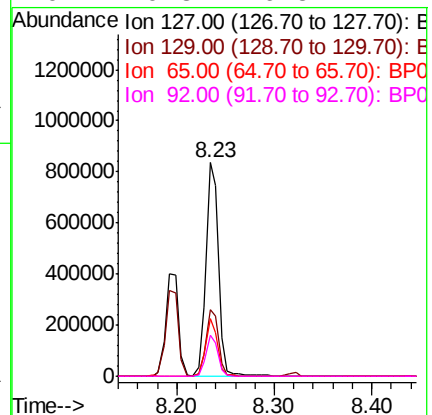
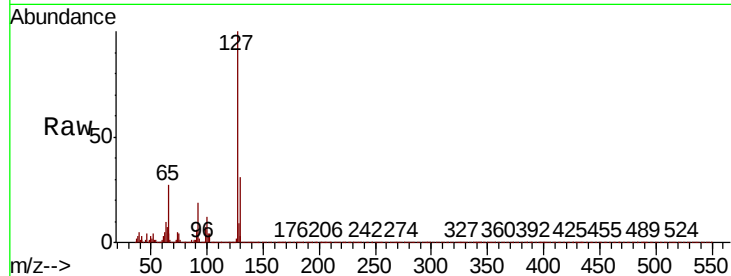
#33
4-Chloroaniline
Concen: 24.734 ng
RT: 8.23 min Scan# 1045
Delta R.T. -0.01 min
Lab File: BP000105.D
Acq: 08 Sep 2019 21:51

Instrument :
BNA_P
ClientSampleId :
PB122885BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	30.9		25.8	38.6	
65	27.2		24.2	36.2	
92	19.3		16.5	24.7	

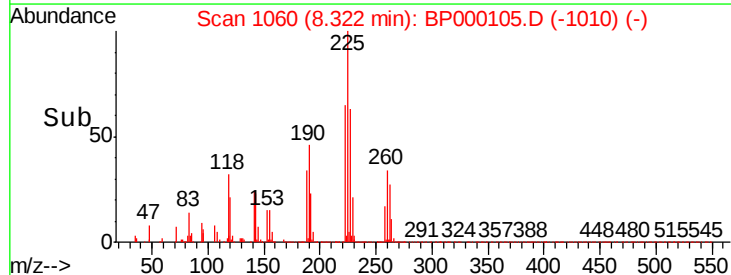
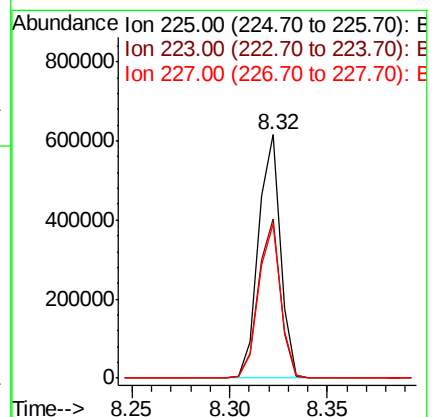
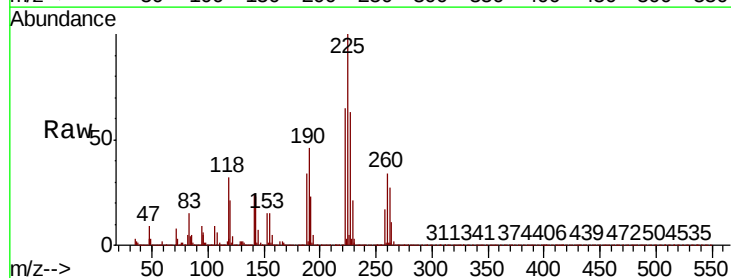
Manual Integrations
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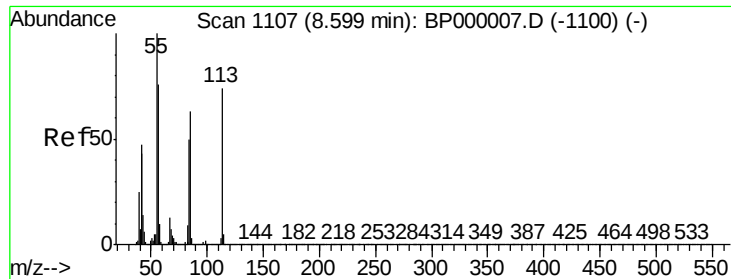
mohammad
9/10/2019 2:09:28 PM



#34
Hexachlorobutadiene
Concen: 37.706 ng
RT: 8.32 min Scan# 1060
Delta R.T. -0.01 min
Lab File: BP000105.D
Acq: 08 Sep 2019 21:51

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	65.2		50.6	76.0	
227	63.5		51.0	76.4	





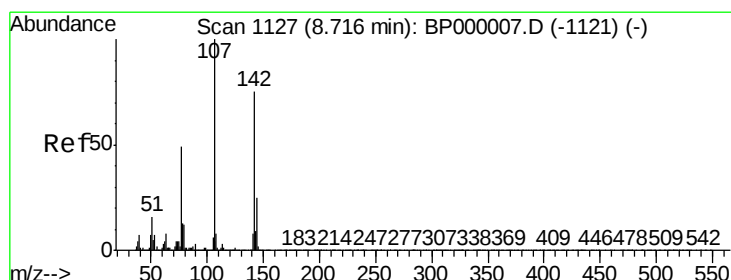
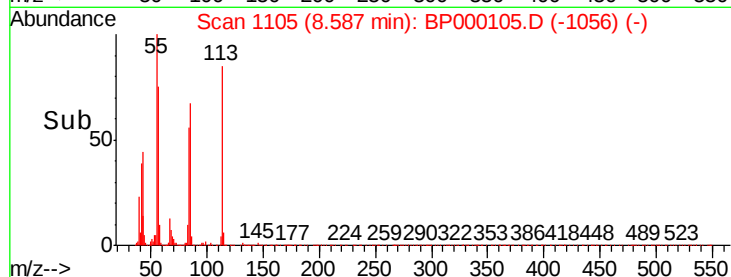
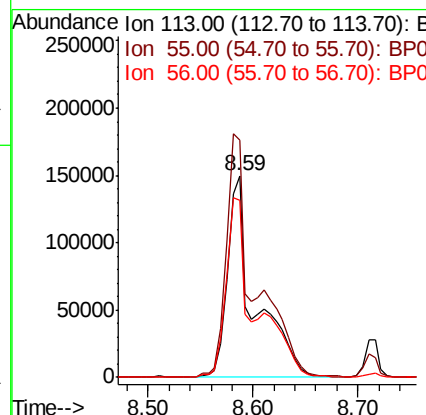
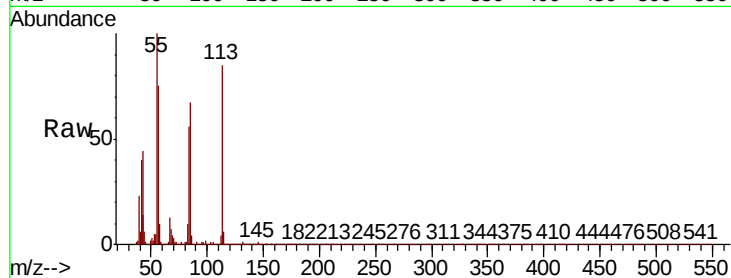
#35
Caprolactam
Concen: 38.103 ng/ml
RT: 8.59 min Scan# 1105
Delta R.T. -0.01 min
Lab File: BP000105.D
Acq: 08 Sep 2019 21:51

Instrument :
BNA_P
ClientSampleId :
PB122885BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
113	100		268706		
55	117.8		114.6	154.6	
56	88.0		82.1	122.1	

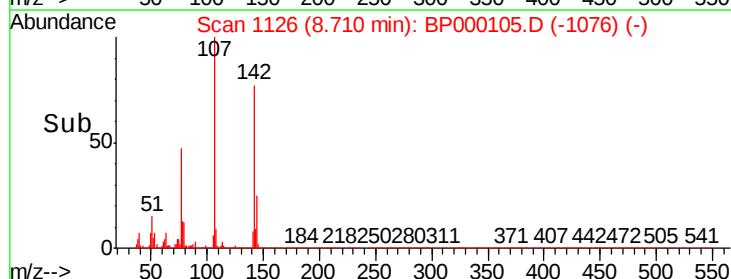
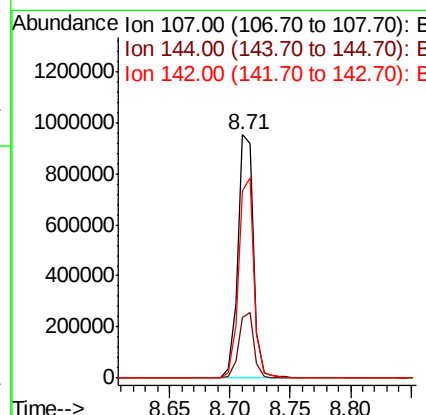
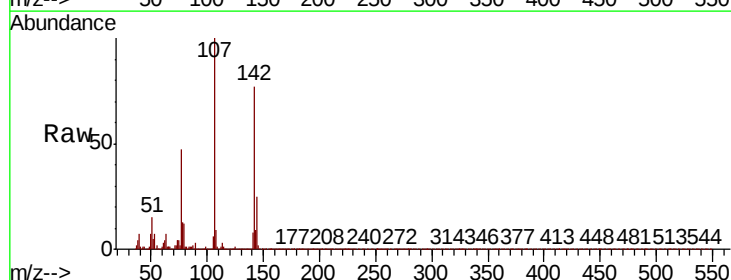
Manual Integrations
APPROVED

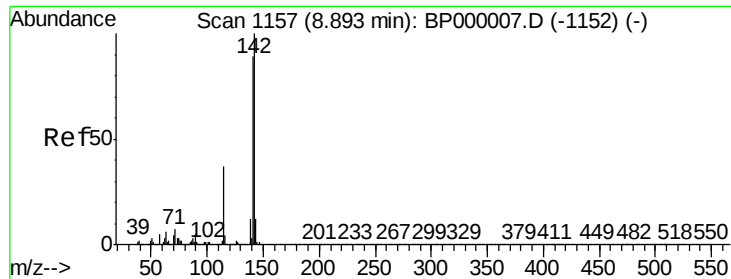
mohammad
9/10/2019 2:09:28 PM



#36
4-Chloro-3-methylphenol
Concen: 39.682 ng/ml
RT: 8.71 min Scan# 1126
Delta R.T. -0.01 min
Lab File: BP000105.D
Acq: 08 Sep 2019 21:51

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100		858571		
144	25.0		19.8	29.6	
142	76.7		60.4	90.6	





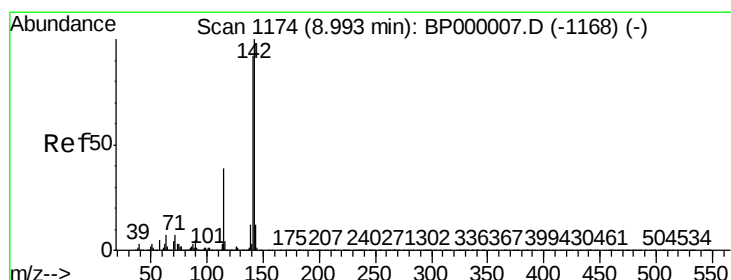
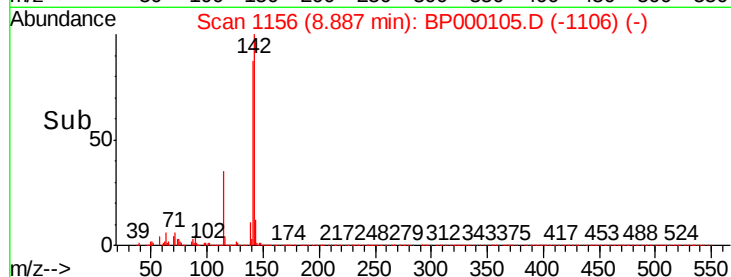
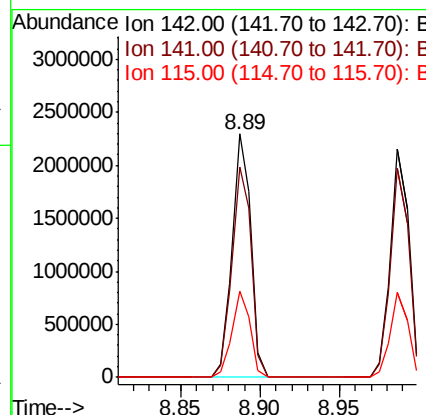
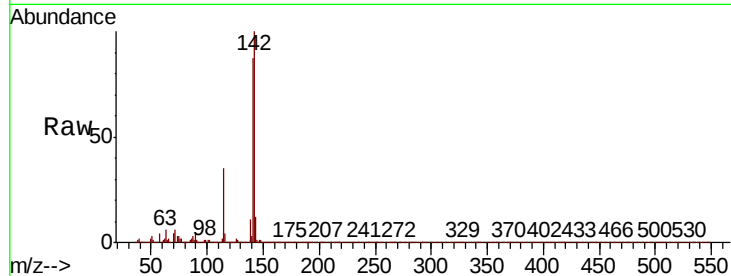
#37
2-Methylnaphthalene
Concen: 42.200 ng
RT: 8.89 min Scan# 1156
Delta R.T. -0.01 min
Lab File: BP000105.D
Acq: 08 Sep 2019 21:51

Instrument :
BNA_P
ClientSampleId :
PB122885BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	86.5	71.0	106.4
115	35.2	29.4	44.2

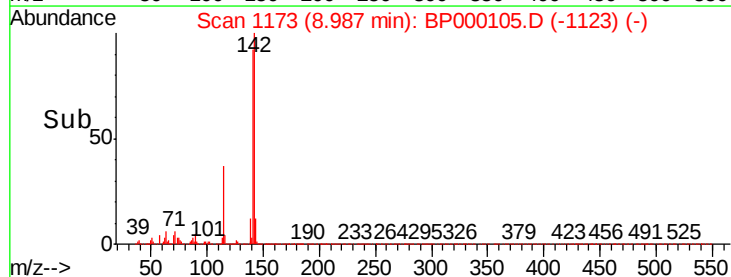
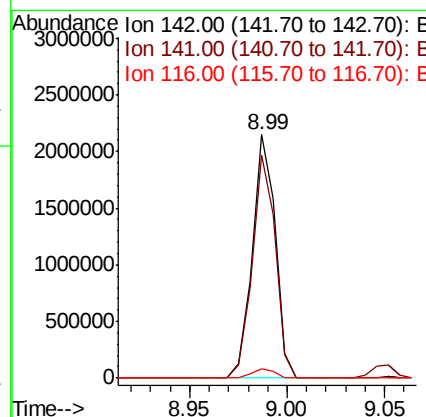
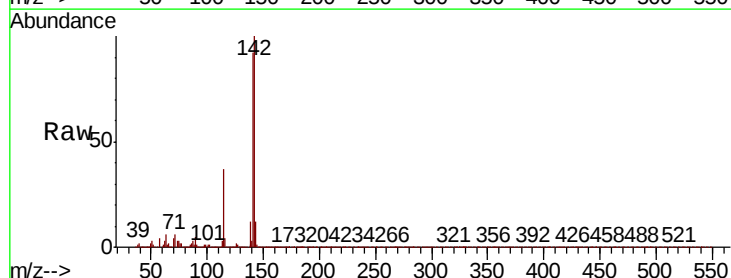
Manual Integrations
APPROVED

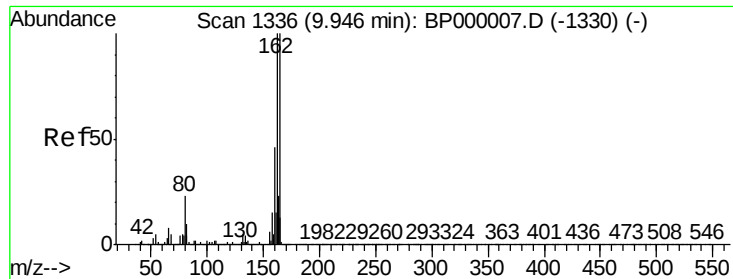
mohammad
9/10/2019 2:09:28 PM



#38
1-Methylnaphthalene
Concen: 41.592 ng
RT: 8.99 min Scan# 1173
Delta R.T. -0.01 min
Lab File: BP000105.D
Acq: 08 Sep 2019 21:51

Tgt Ion	Ratio	Lower	Upper
142	100		
141	91.6	73.6	110.4
116	3.9	3.4	5.0





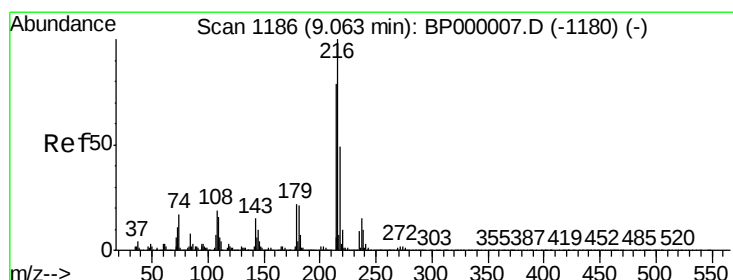
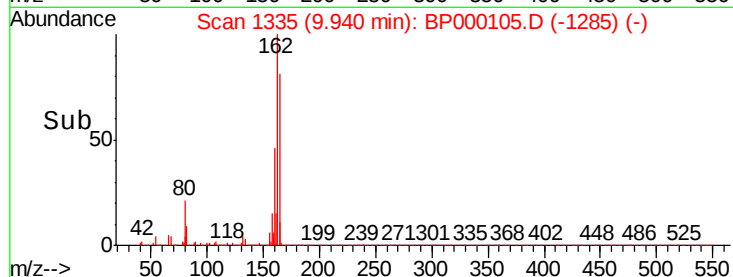
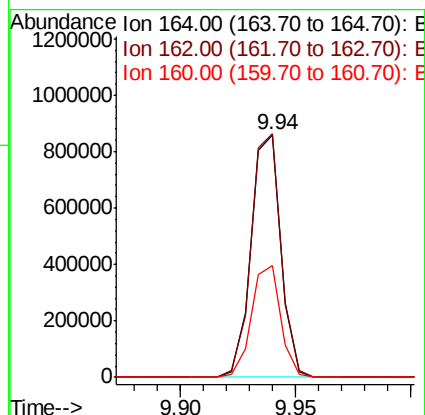
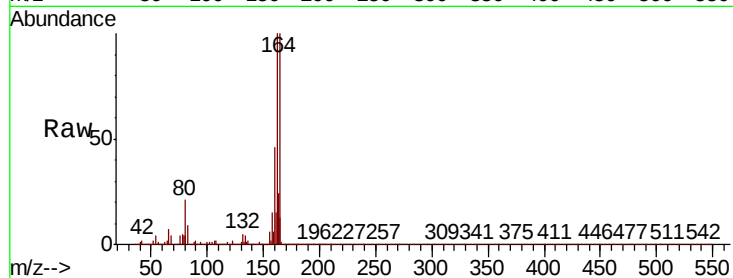
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.94 min Scan# 1335
Delta R.T. -0.01 min
Lab File: BP000105.D
Acq: 08 Sep 2019 21:51

Instrument :
BNA_P
ClientSampleId :
PB122885BS

Tot Ion	Ratio	Resp	Lower	Upper
164	100			
162	100.4	80.2	120.4	
160	46.1	36.6	55.0	

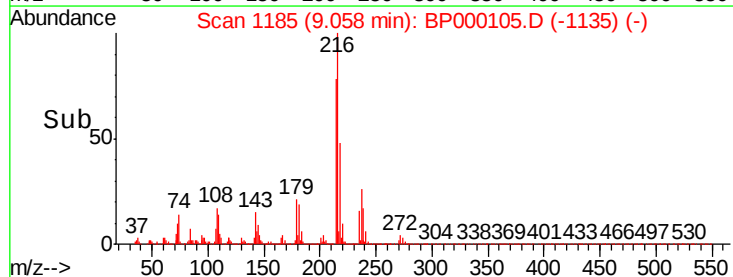
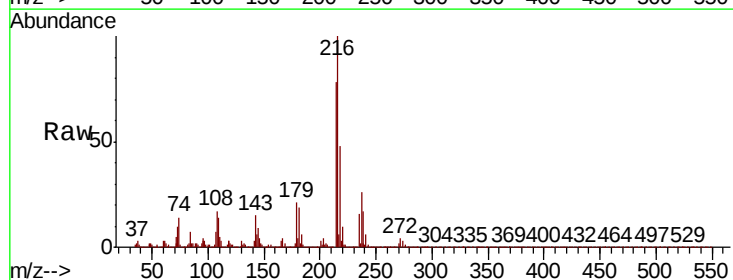
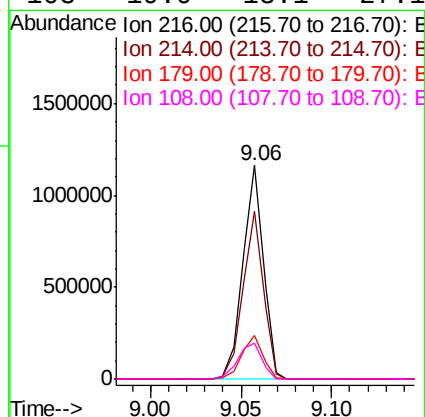
Manual Integrations
APPROVED

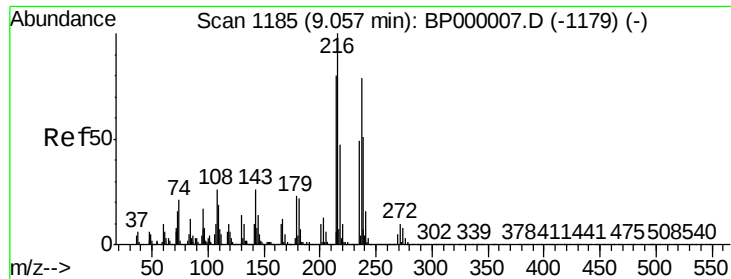
mohammad
9/10/2019 2:09:28 PM



#40
1,2,4,5-Tetrachlorobenzene
Concen: 41.659 ng
RT: 9.06 min Scan# 1185
Delta R.T. -0.01 min
Lab File: BP000105.D
Acq: 08 Sep 2019 21:51

Tgt Ion	Ratio	Resp	Lower	Upper
216	100			
214	77.9	63.4	95.2	
179	20.8	17.8	26.6	
108	19.9	18.1	27.1	





#41

Hexachlorocyclopentadiene

Concen: 59.845 ng

RT: 9.05 min Scan# 1184

Delta R.T. -0.01 min

Lab File: BP000105.D

Acq: 08 Sep 2019 21:51

Instrument :

BNA_P

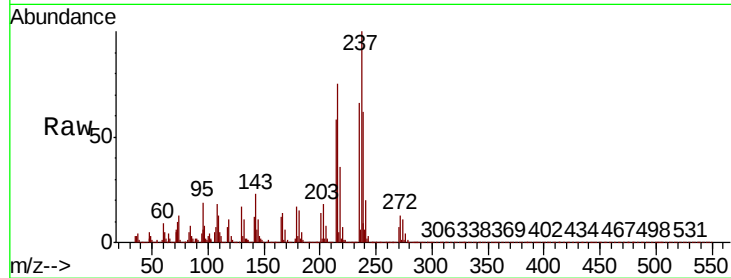
ClientSampleId :

PB122885BS

Tot Ion:	237	Resp:	722604
Ion Ratio	Lower	Upper	
237	100		
235	65.5	42.0	82.0
272	13.2	0.0	33.1

Manual Integrations
APPROVED

mohammad
9/10/2019 2:09:28 PM

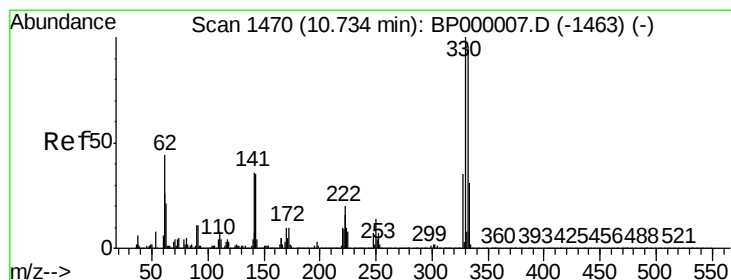
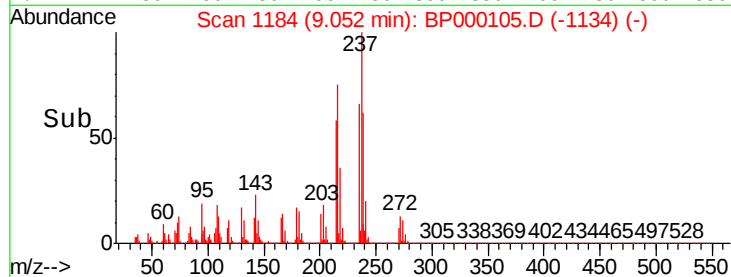
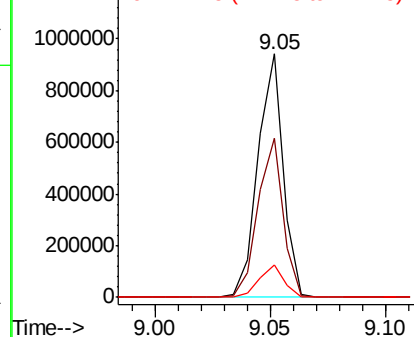


Abundance

Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



#42

2,4,6-Tribromophenol

Concen: 107.671 ng

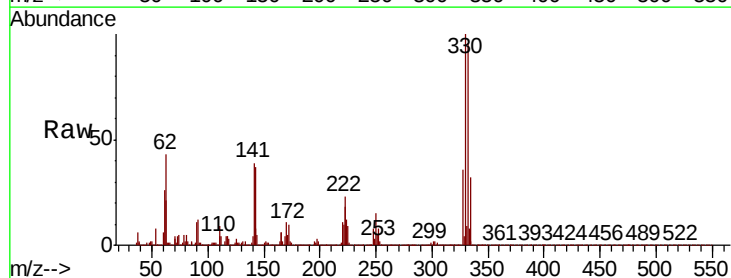
RT: 10.73 min Scan# 1469

Delta R.T. -0.01 min

Lab File: BP000105.D

Acq: 08 Sep 2019 21:51

Tgt Ion:	330	Resp:	703139
Ion Ratio	Lower	Upper	
330	100		
332	96.3	76.8	115.2
141	39.8	33.6	50.4

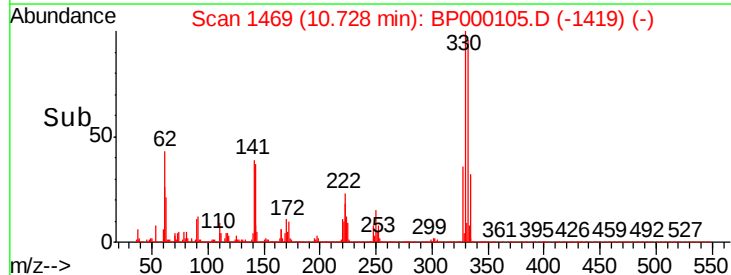
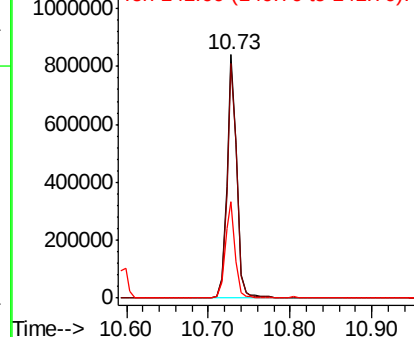


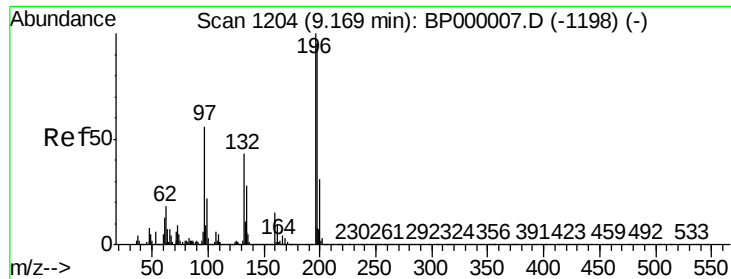
Abundance

Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





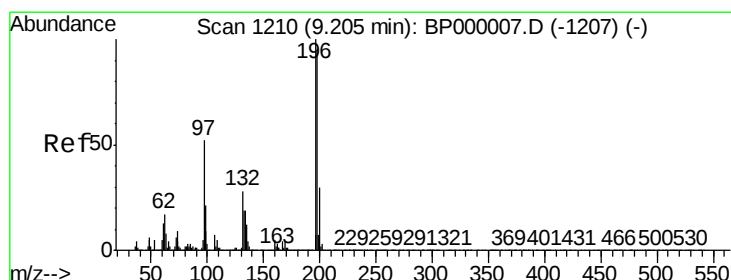
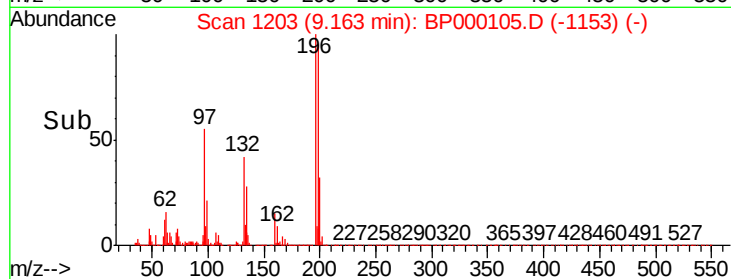
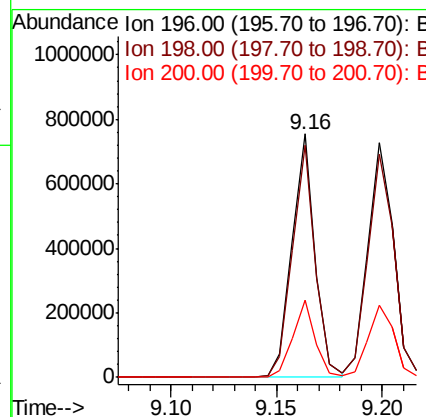
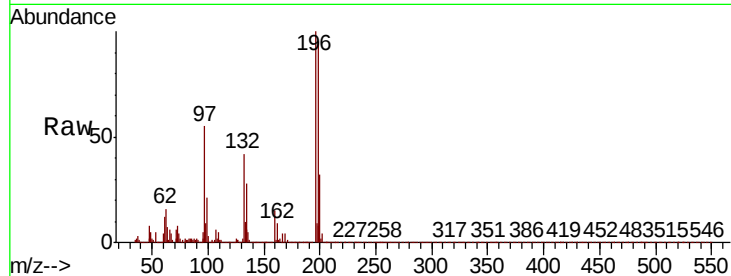
#43
2,4,6-Trichlorophenol
Concen: 37.803 ng
RT: 9.16 min Scan# 1203
Delta R.T. -0.01 min
Lab File: BP000105.D
Acq: 08 Sep 2019 21:51

Instrument :
BNA_P
ClientSampleID :
PB122885BS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	571690		
198	95.5	76.2	114.2	
200	31.7	25.0	37.4	

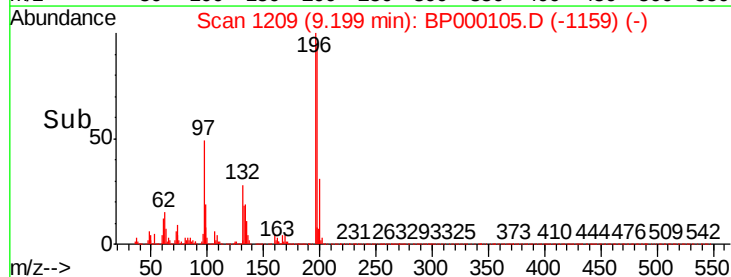
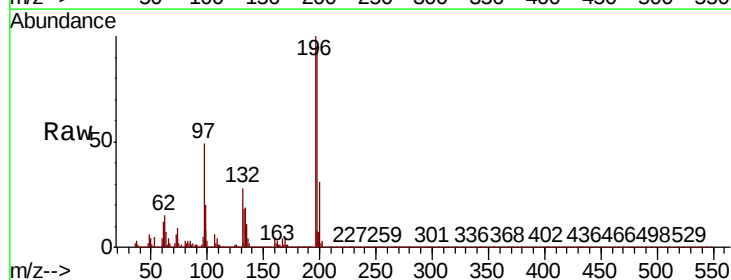
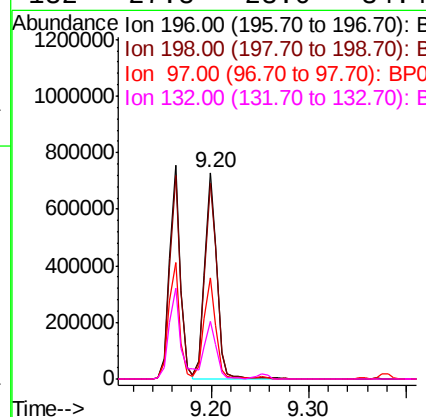
Manual Integrations
APPROVED

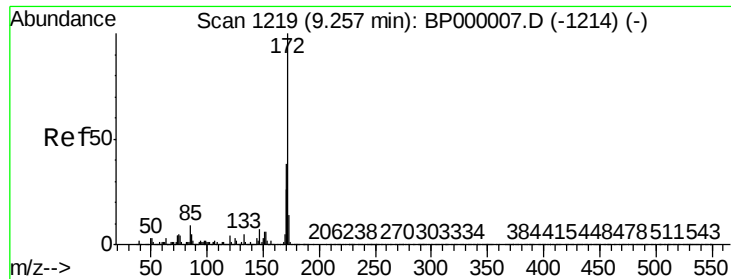
mohammad
9/10/2019 2:09:28 PM



#44
2,4,5-Trichlorophenol
Concen: 40.028 ng
RT: 9.20 min Scan# 1209
Delta R.T. -0.01 min
Lab File: BP000105.D
Acq: 08 Sep 2019 21:51

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	633355		
198	94.7	74.9	112.3	
97	49.1	42.2	63.2	
132	27.8	23.0	34.4	





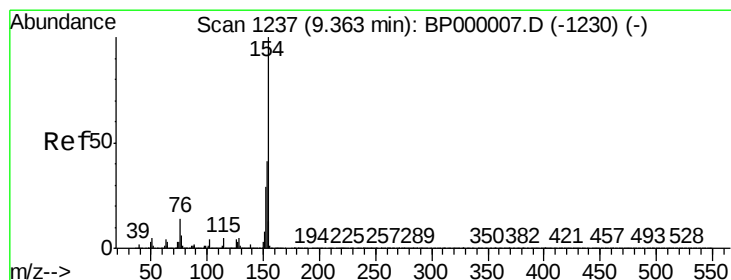
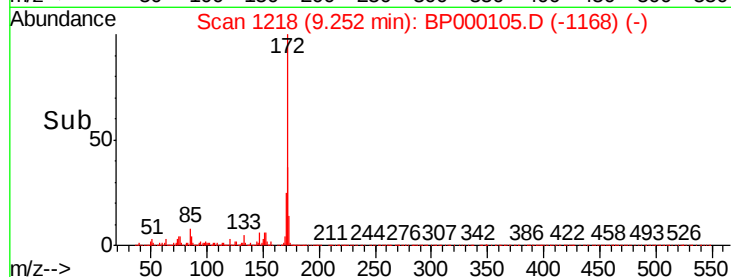
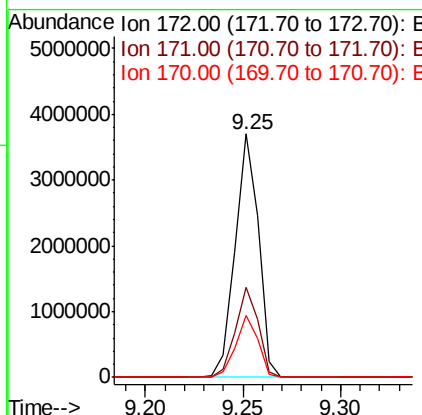
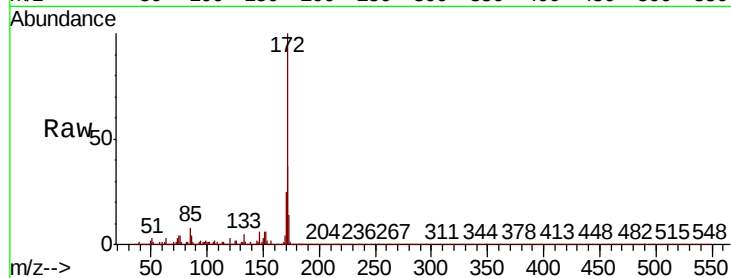
#45
2-Fluorobiphenyl
Concen: 66.006 ng
RT: 9.25 min Scan# 1218
Delta R.T. -0.01 min
Lab File: BP000105.D
Acq: 08 Sep 2019 21:51

Instrument :
BNA_P
ClientSampleId :
PB122885BS

Tot Ion	Ratio	Lower	Upper
172	100		
171	37.1	30.7	46.1
170	25.4	20.7	31.1

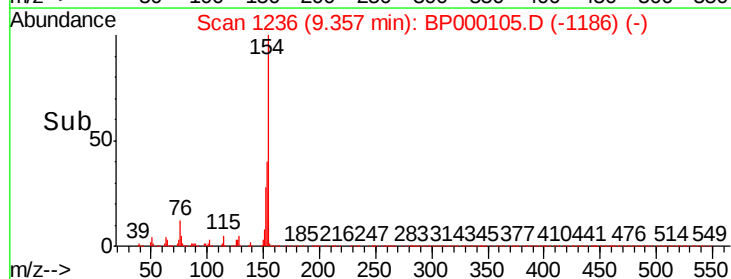
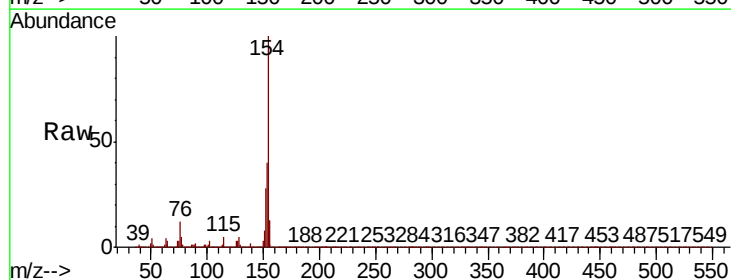
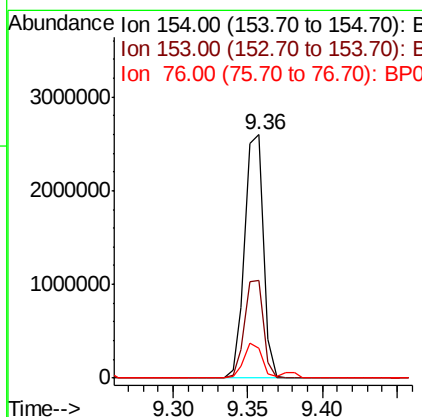
Manual Integrations
APPROVED

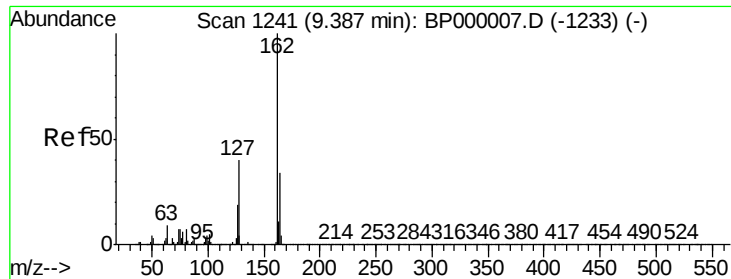
mohammad
9/10/2019 2:09:28 PM



#46
1,1'-Biphenyl
Concen: 41.160 ng
RT: 9.36 min Scan# 1236
Delta R.T. -0.01 min
Lab File: BP000105.D
Acq: 08 Sep 2019 21:51

Tgt Ion	Ratio	Lower	Upper
154	100		
153	40.0	21.1	61.1
76	12.1	0.0	33.7





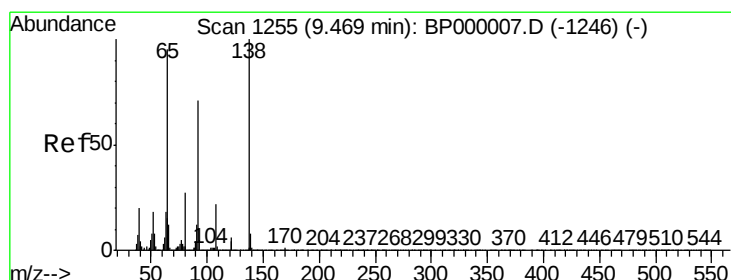
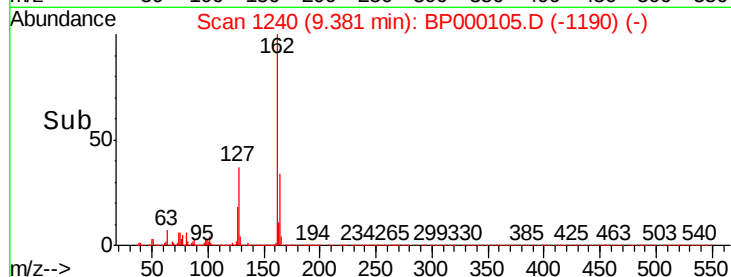
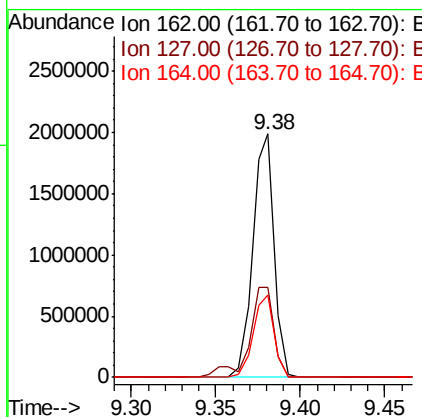
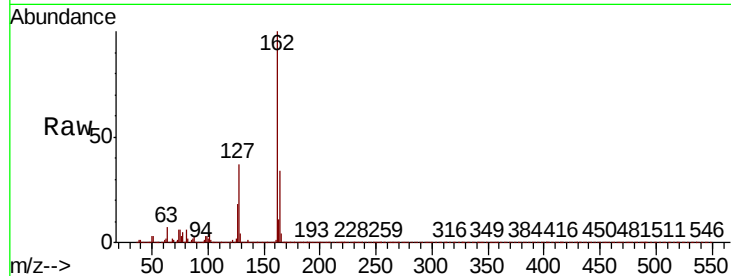
#47
2-Chloronaphthalene
Concen: 38.507 ng
RT: 9.38 min Scan# 1240
Delta R.T. -0.01 min
Lab File: BP000105.D
Acq: 08 Sep 2019 21:51

Instrument :
BNA_P
ClientSampled :
PB122885BS

Tot Ion	Ratio	Lower	Upper
162	100		
127	36.9	32.2	48.4
164	33.6	26.9	40.3

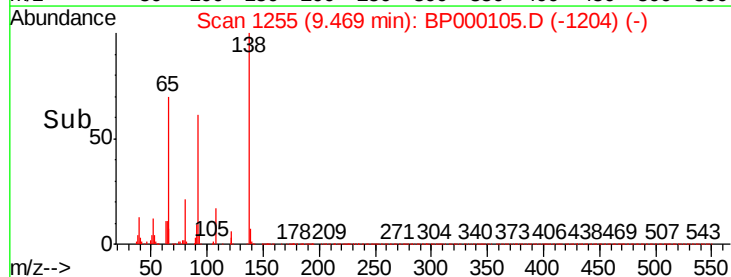
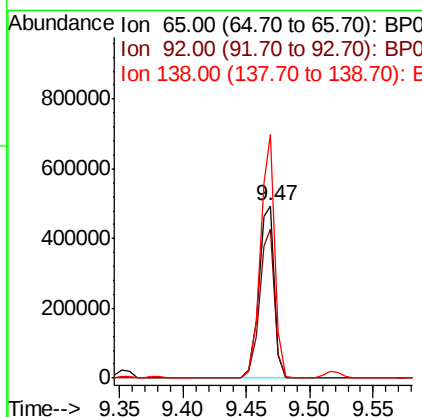
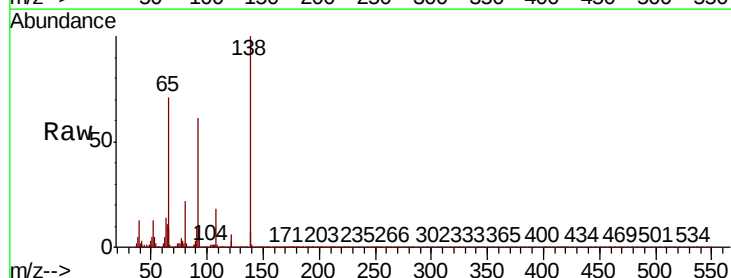
Manual Integrations
APPROVED

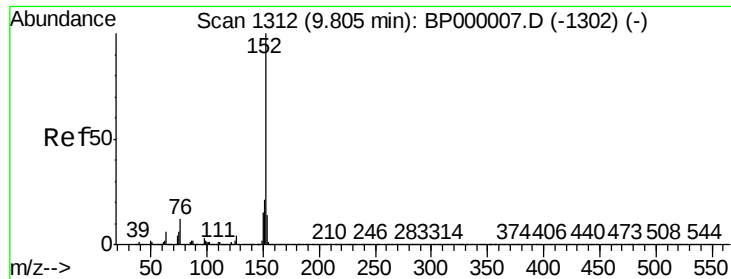
mohammad
9/10/2019 2:09:28 PM



#48
2-Nitroaniline
Concen: 35.158 ng
RT: 9.47 min Scan# 1255
Delta R.T. 0.00 min
Lab File: BP000105.D
Acq: 08 Sep 2019 21:51

Tgt Ion	Ratio	Lower	Upper
65	100		
92	86.6	60.3	90.5
138	141.1	84.5	126.7#





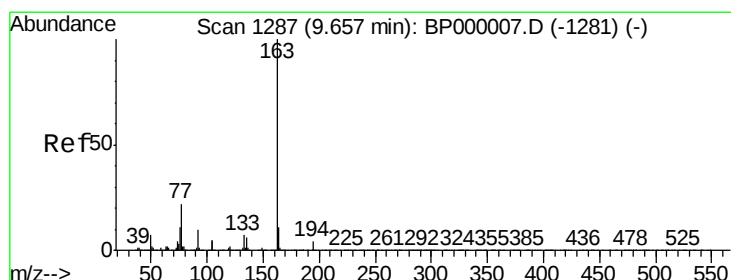
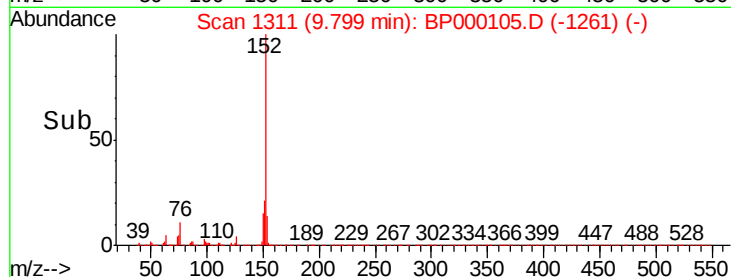
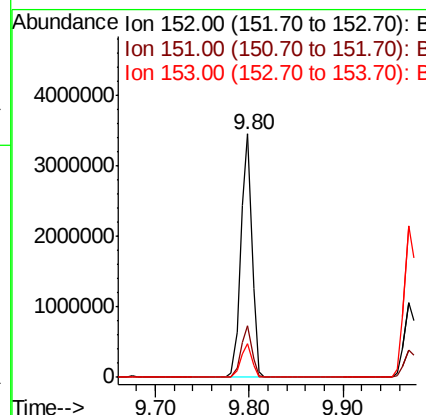
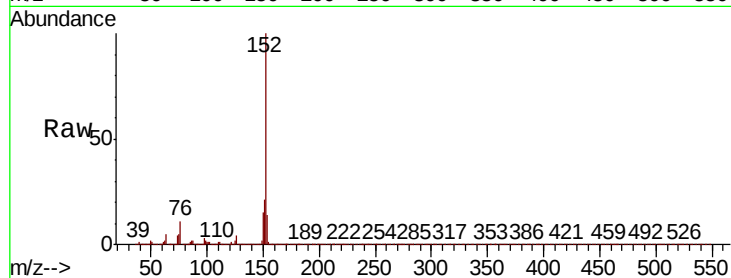
#49
Acenaphthylene
Concen: 41.696 ng
RT: 9.80 min Scan# 1311
Delta R.T. -0.01 min
Lab File: BP000105.D
Acq: 08 Sep 2019 21:51

Instrument :
BNA_P
ClientSampleId :
PB122885BS

Tot Ion	Ratio	Lower	Upper
152	100		
151	21.4	17.0	25.6
153	13.9	11.0	16.6

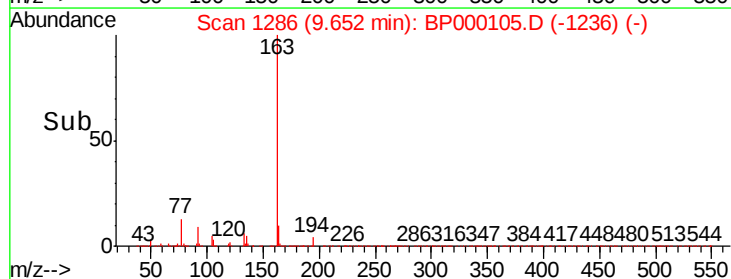
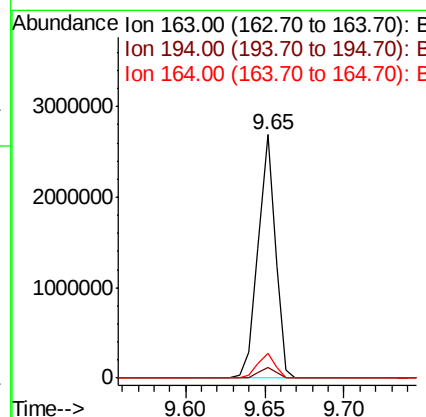
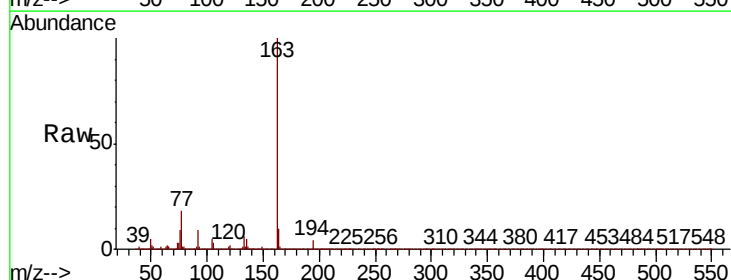
Manual Integrations
APPROVED

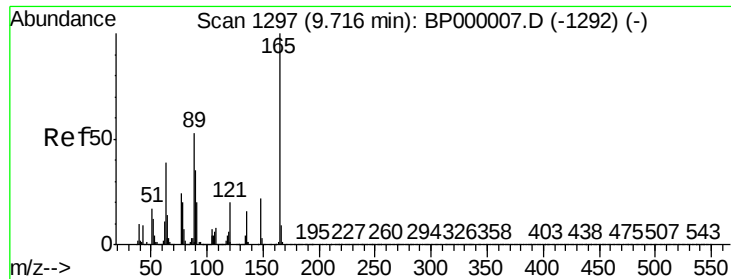
mohammad
9/10/2019 2:09:28 PM



#50
Dimethylphthalate
Concen: 38.703 ng
RT: 9.65 min Scan# 1286
Delta R.T. -0.01 min
Lab File: BP000105.D
Acq: 08 Sep 2019 21:51

Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.2	3.3	4.9
164	10.1	8.4	12.6





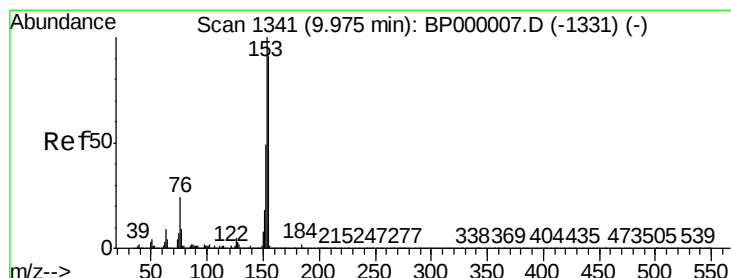
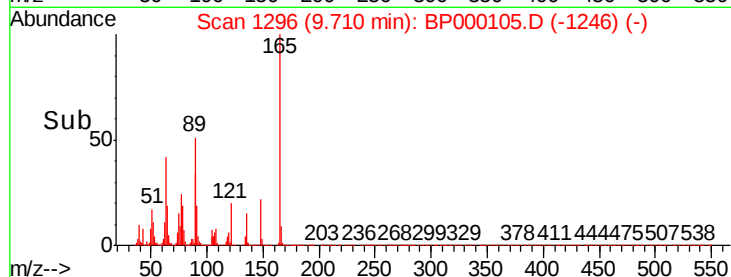
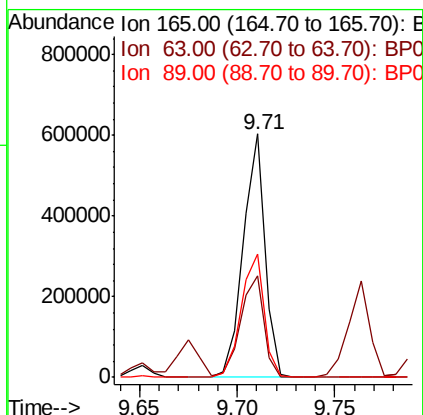
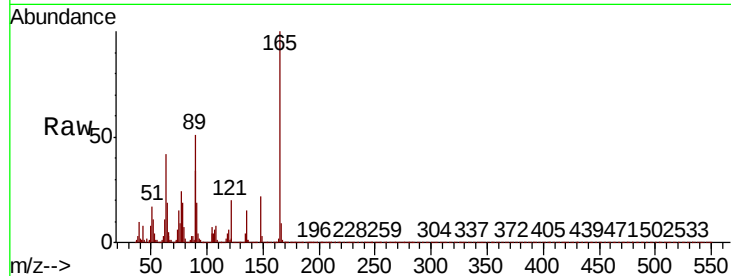
#51
2,6-Dinitrotoluene
Concen: 41.484 ng
RT: 9.71 min Scan# 1296
Delta R.T. -0.01 min
Lab File: BP000105.D
Acq: 08 Sep 2019 21:51

Instrument :
BNA_P
ClientSampleId :
PB122885BS

Tot Ion	Ratio	Resp	Lower	Upper
165	100	464883		
63	41.6		35.8	53.6
89	50.6		42.2	63.4

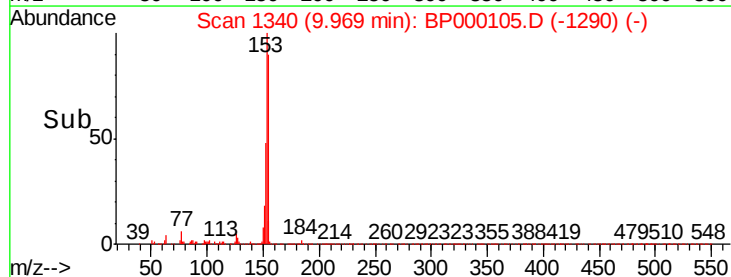
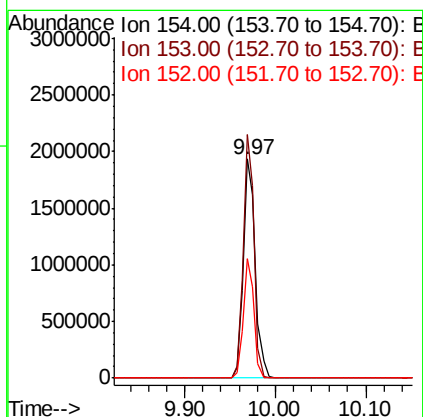
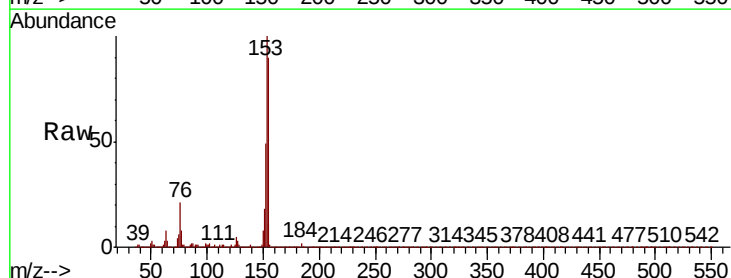
Manual Integrations
APPROVED

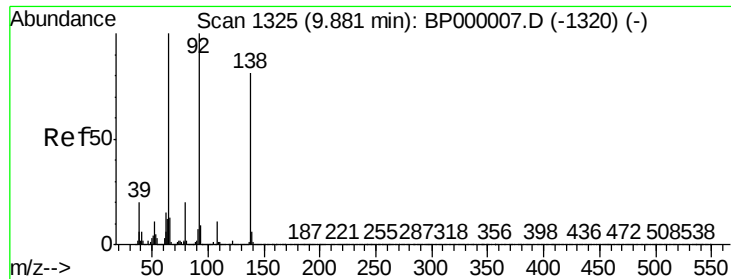
mohammad
9/10/2019 2:09:28 PM



#52
Acenaphthene
Concen: 42.712 ng
RT: 9.97 min Scan# 1340
Delta R.T. -0.01 min
Lab File: BP000105.D
Acq: 08 Sep 2019 21:51

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	1805560		
153	111.2		88.2	132.2
152	54.5		42.9	64.3





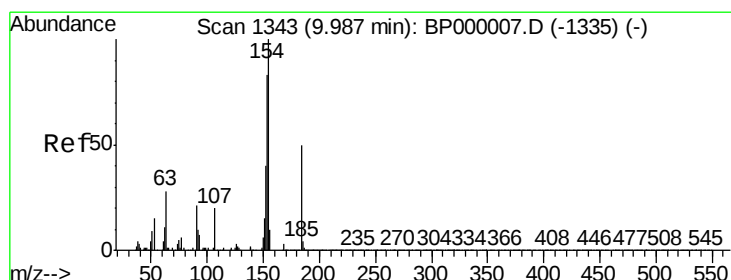
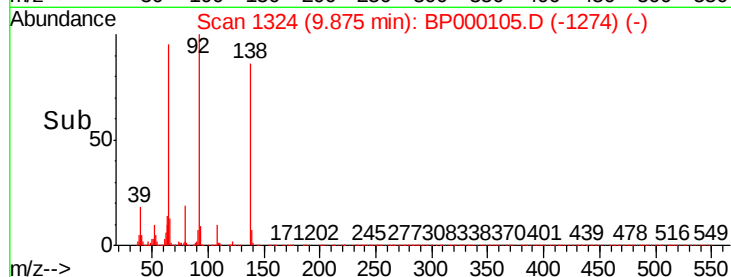
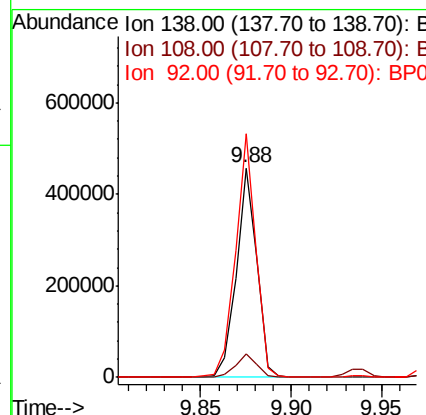
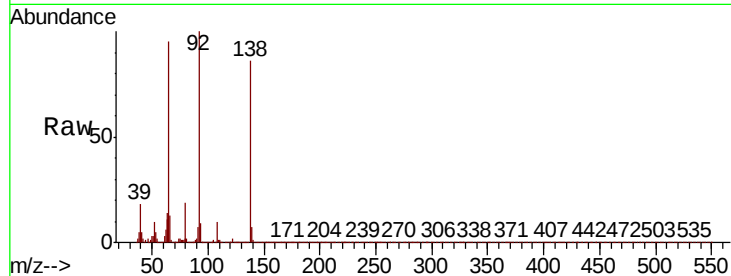
#53
3-Nitroaniline
Concen: 26.771 ng
RT: 9.88 min Scan# 1324
Delta R.T. -0.01 min
Lab File: BP000105.D
Acq: 08 Sep 2019 21:51

Instrument :
BNA_P
ClientSampleId :
PB122885BS

Tot Ion	Ratio	Resp	Lower	Upper
138	100			
108	11.2	11.0	16.4	
92	116.4	98.2	147.4	

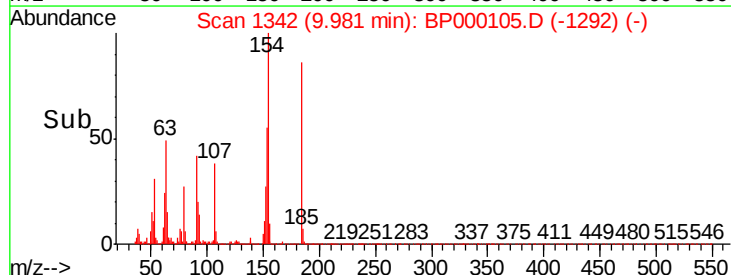
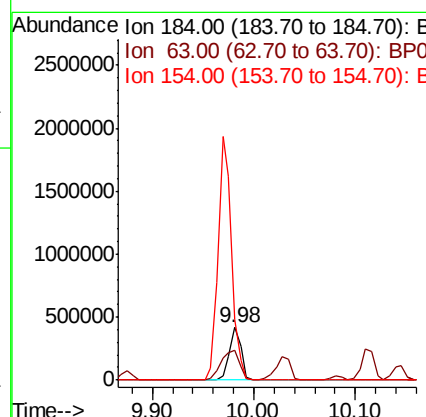
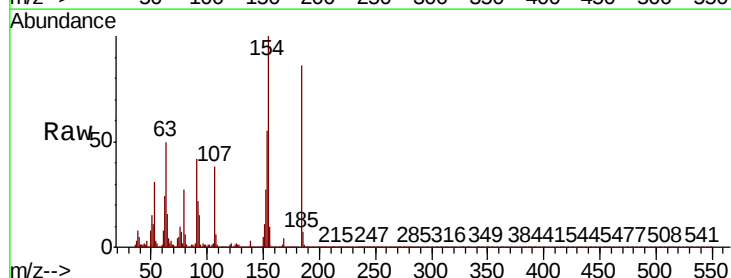
Manual Integrations
APPROVED

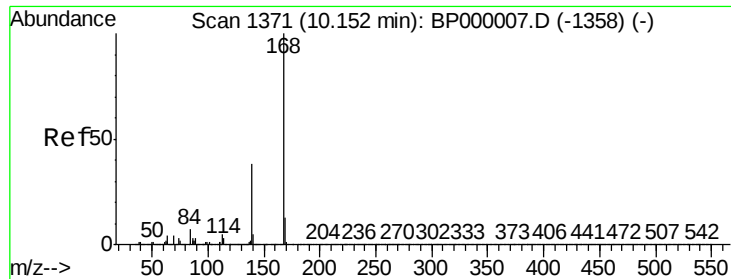
mohammad
9/10/2019 2:09:28 PM



#54
2,4-Dinitrophenol
Concen: 80.425 ng
RT: 9.98 min Scan# 1342
Delta R.T. -0.01 min
Lab File: BP000105.D
Acq: 08 Sep 2019 21:51

Tgt Ion	Ratio	Resp	Lower	Upper
184	100			
63	58.0	46.0	69.0	
154	116.1	161.9	242.9	





#55

Dibenzofuran

Concen: 41.583 ng

RT: 10.15 min Scan# 1370

Delta R.T. -0.01 min

Lab File: BP000105.D

Acq: 08 Sep 2019 21:51

Instrument :

BNA_P

ClientSampleId :

PB122885BS

Tot Ion:168 Resp: 2496169

Ion Ratio Lower Upper

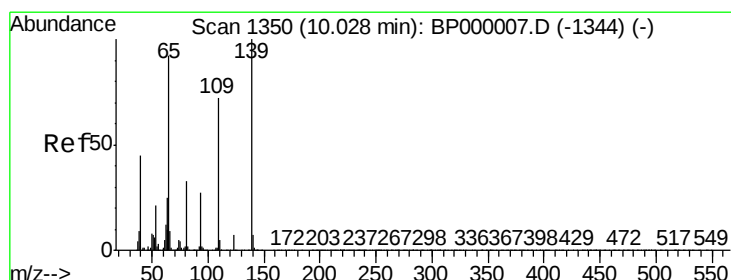
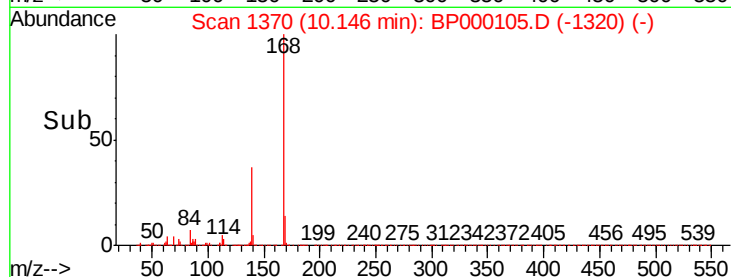
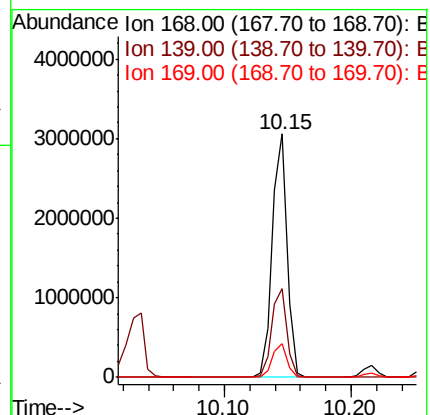
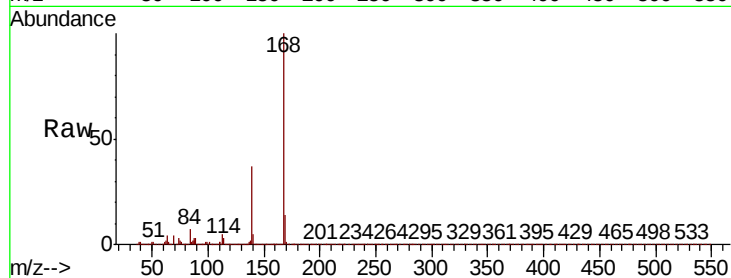
168 100

139 36.6 30.2 45.2

169 14.0 10.7 16.1

Manual Integrations
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#56

4-Nitrophenol

Concen: 84.608 ng

RT: 10.03 min Scan# 1351

Delta R.T. 0.01 min

Lab File: BP000105.D

Acq: 08 Sep 2019 21:51

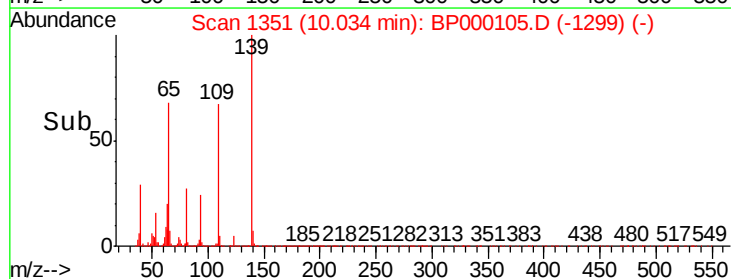
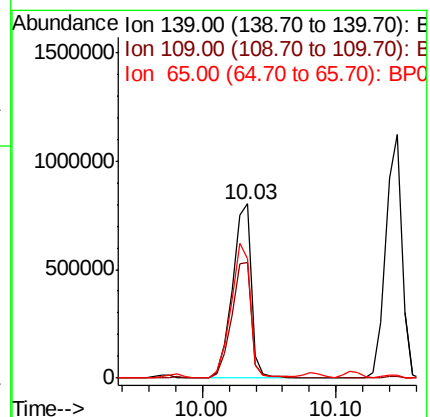
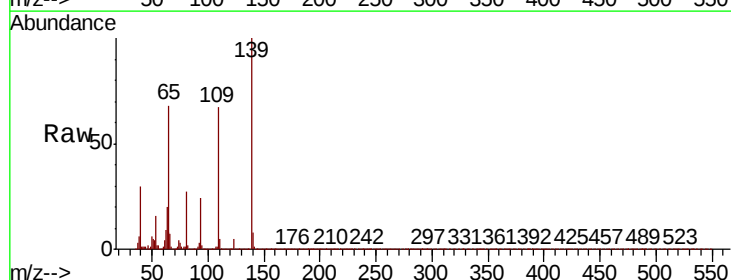
Tgt Ion:139 Resp: 809604

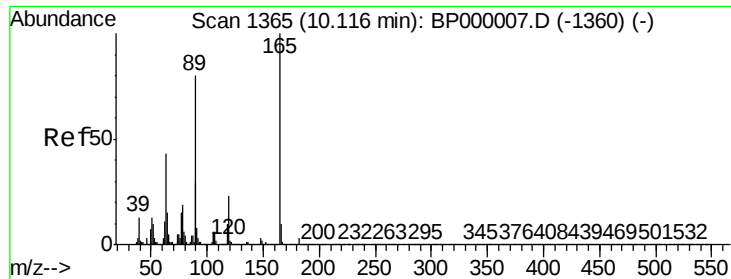
Ion Ratio Lower Upper

139 100

109 66.6 52.4 92.4

65 68.3 72.2 112.2#





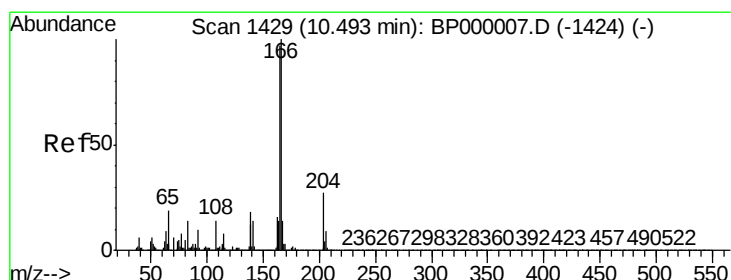
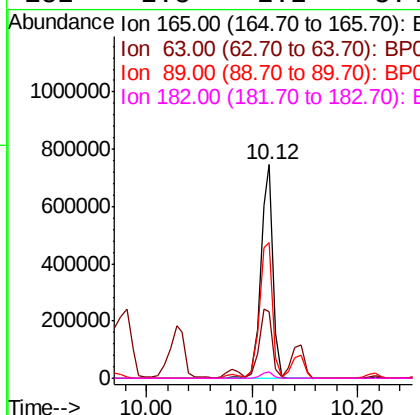
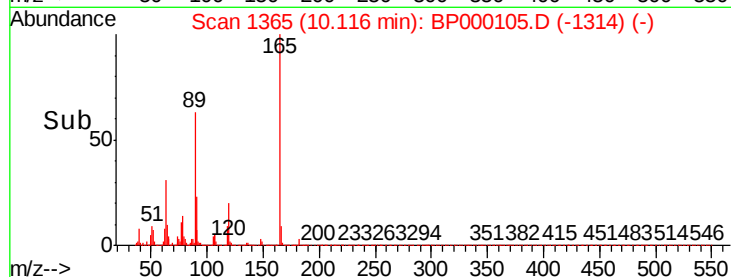
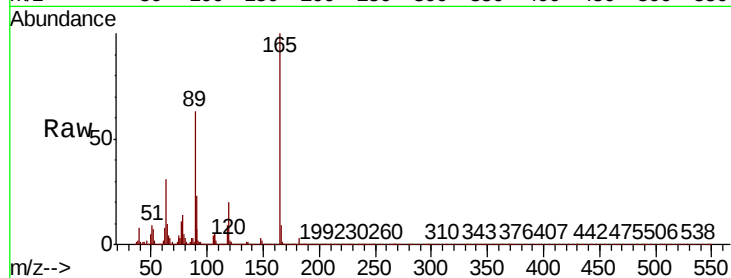
#57
2,4-Dinitrotoluene
Concen: 42.352 ng
RT: 10.12 min Scan# 1365
Delta R.T. 0.00 min
Lab File: BP000105.D
Acq: 08 Sep 2019 21:51

Instrument :
BNA_P
ClientSampleId :
PB122885BS

Tot Ion	Ratio	Resp Lower	Resp Upper
165	100		
63	31.1	34.4	51.6#
89	63.5	64.3	96.5#
182	2.8	2.2	3.4

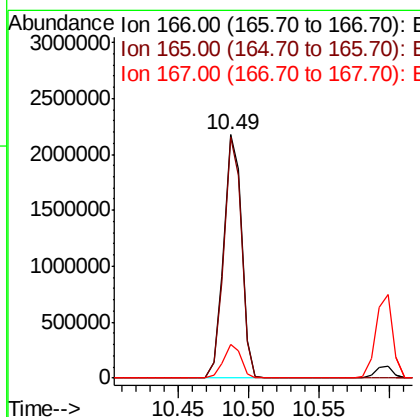
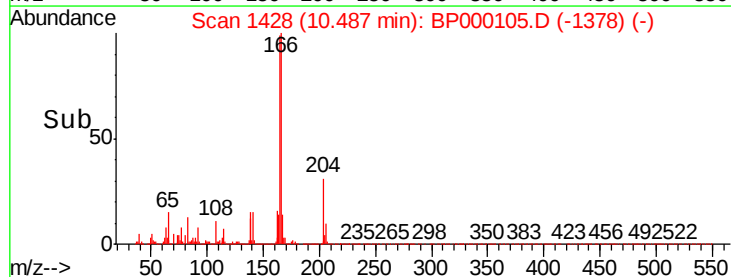
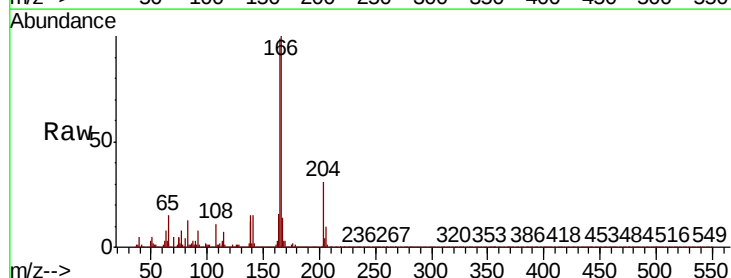
Manual Integrations
APPROVED

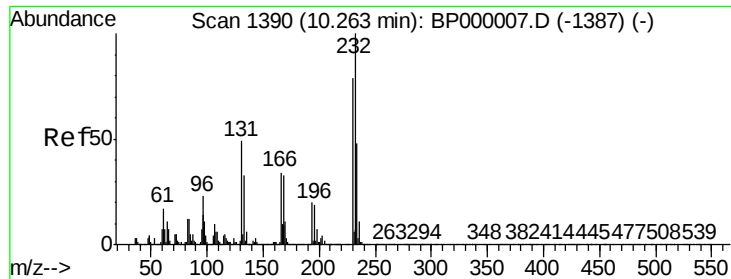
mohammad
9/10/2019 2:09:28 PM



#58
Fluorene
Concen: 42.628 ng
RT: 10.49 min Scan# 1428
Delta R.T. -0.01 min
Lab File: BP000105.D
Acq: 08 Sep 2019 21:51

Tgt Ion	Ratio	Resp Lower	Resp Upper
166	100		
165	99.2	77.3	115.9
167	14.1	11.0	16.6





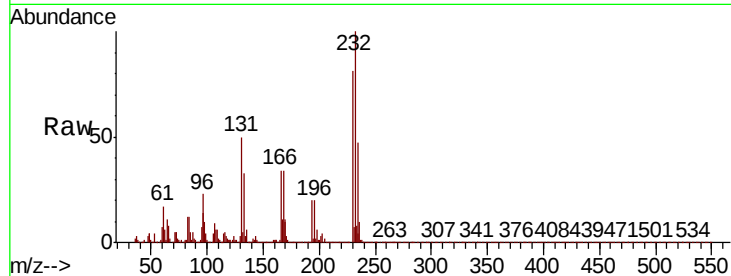
#59
2,3,4,6-Tetrachlorophenol
Concen: 42.995 ng
RT: 10.26 min Scan# 1389
Delta R.T. -0.01 min
Lab File: BP000105.D
Acq: 08 Sep 2019 21:51

Instrument :
BNA_P
ClientSampleId :
PB122885BS

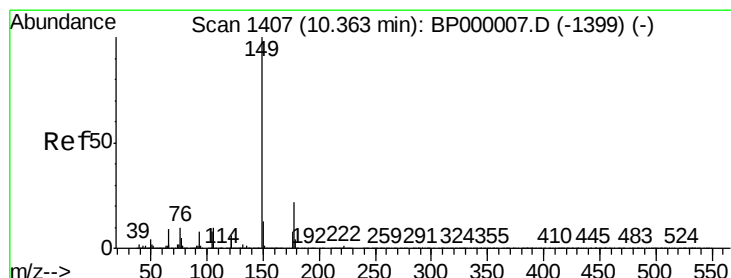
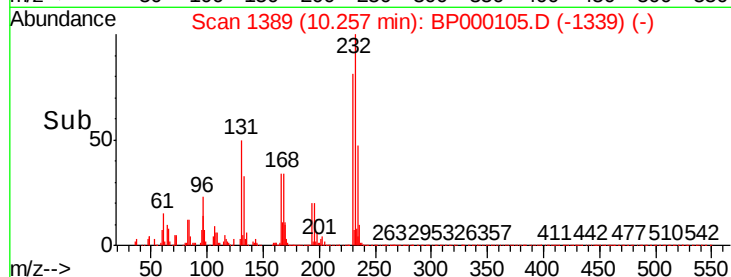
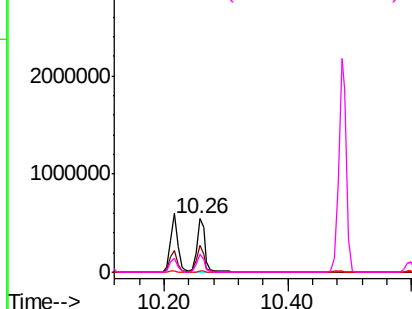
Tot Ion	Ratio	Resp	Lower	Upper
232	100	515100		
131	45.6	39.3	58.9	
130	2.3	2.1	3.1	
166	30.9	26.5	39.7	

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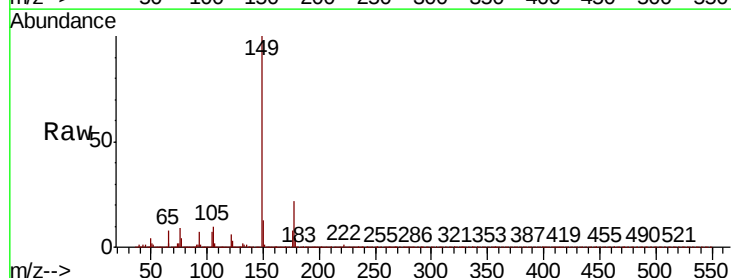


Abundance Ion 232.00 (231.70 to 232.70): E
Ion 131.00 (130.70 to 131.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 166.00 (165.70 to 166.70): E

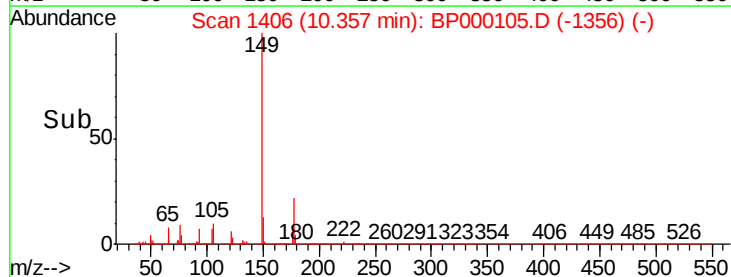
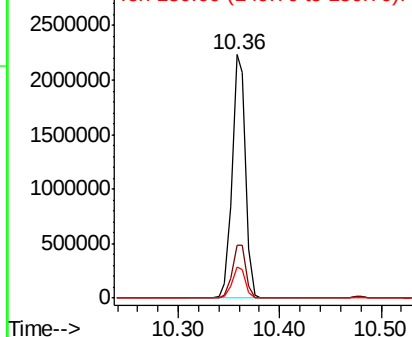


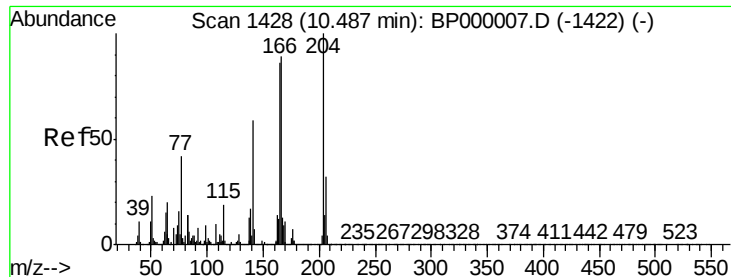
#60
Diethylphthalate
Concen: 38.578 ng
RT: 10.36 min Scan# 1406
Delta R.T. -0.01 min
Lab File: BP000105.D
Acq: 08 Sep 2019 21:51

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	2038696		
177	21.8	17.3	25.9	
150	12.8	10.3	15.5	



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





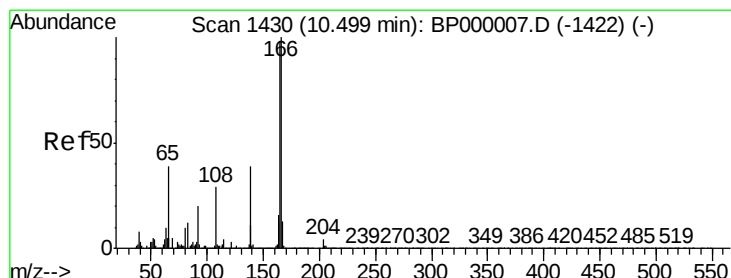
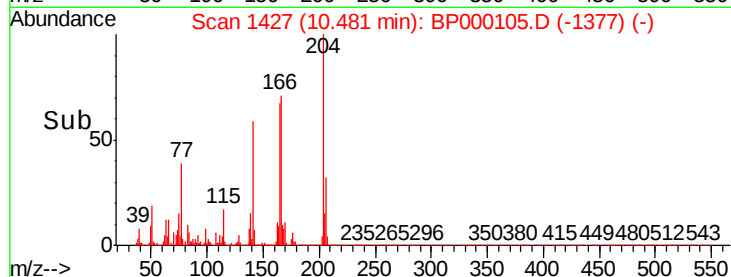
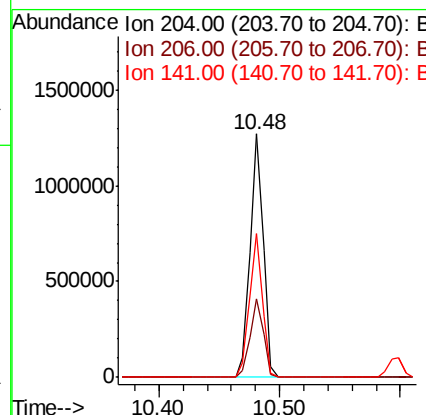
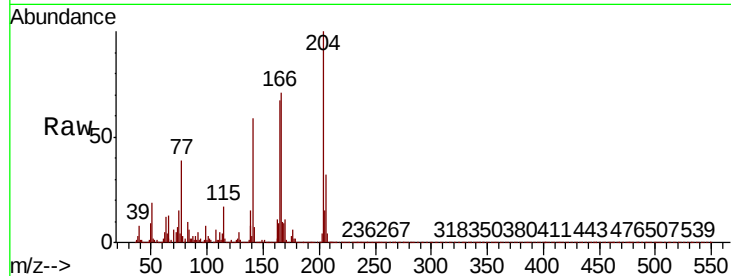
#61
4-Chlorophenyl-phenylether
Concen: 41.412 ng
RT: 10.48 min Scan# 1427
Delta R.T. -0.01 min
Lab File: BP000105.D
Acq: 08 Sep 2019 21:51

Instrument :
BNA_P
ClientSampleId :
PB122885BS

Tot Ion	Ratio	Resp	Lower	Upper
204	100	972430		
206	32.3	26.0	39.0	
141	58.9	47.6	71.4	

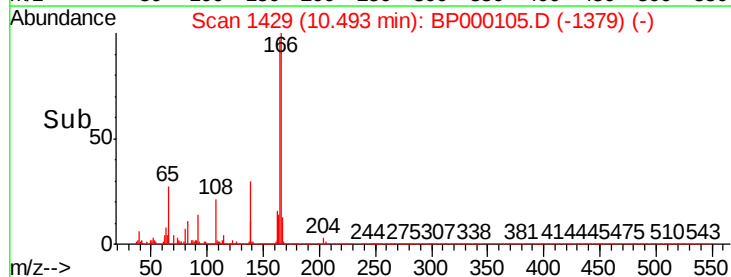
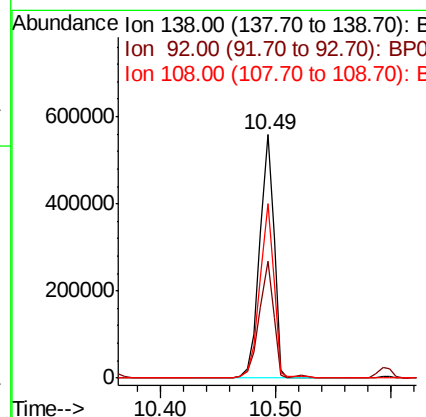
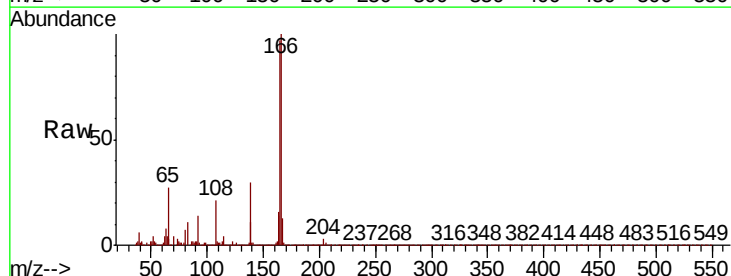
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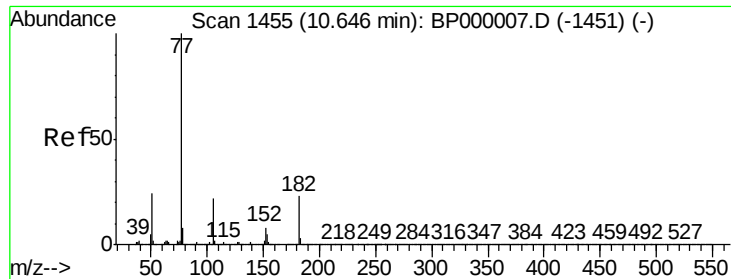
mohammad
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#62
4-Nitroaniline
Concen: 38.028 ng
RT: 10.49 min Scan# 1429
Delta R.T. -0.01 min
Lab File: BP000105.D
Acq: 08 Sep 2019 21:51

Tgt Ion	Ratio	Resp	Lower	Upper
138	100	485597		
92	48.1	32.8	72.8	
108	71.7	55.7	95.7	





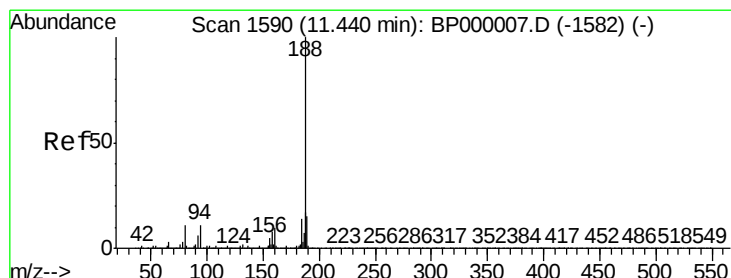
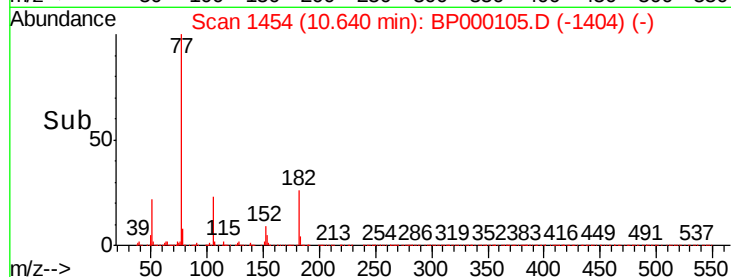
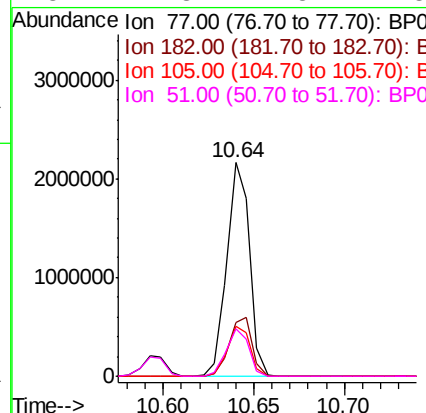
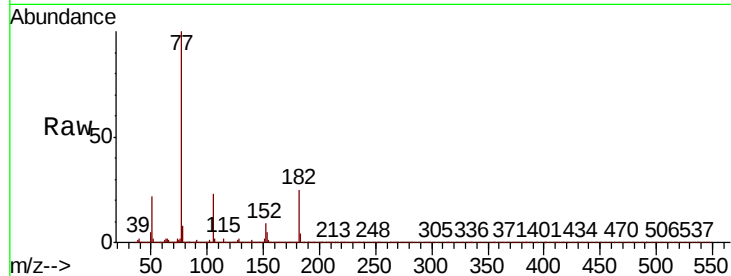
#63
Azobenzene
Concen: 37.133 ng
RT: 10.64 min Scan# 1454
Delta R.T. -0.01 min
Lab File: BP000105.D
Acq: 08 Sep 2019 21:51

Instrument :
BNA_P
ClientSampleId :
PB122885BS

Tot Ion	Ion	Ratio	Lower	Upper
77	100			
182	25.4	2.6	42.6	
105	23.1	2.3	42.3	
51	22.3	4.5	44.5	

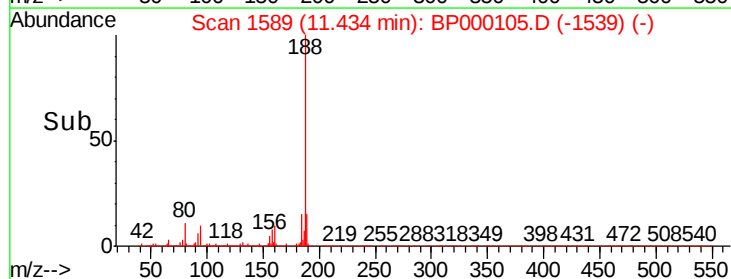
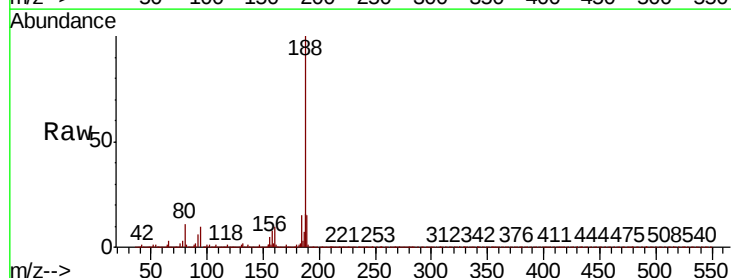
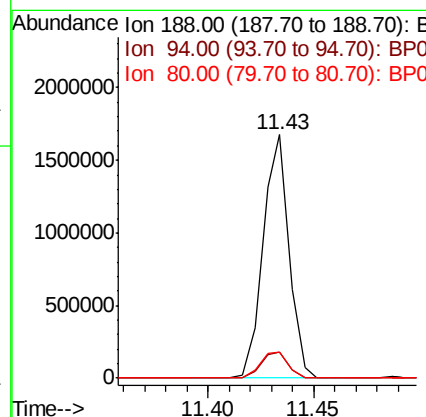
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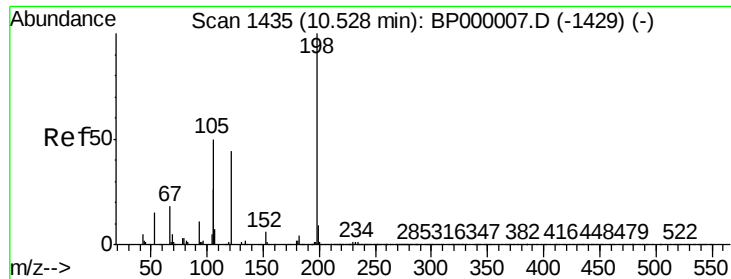
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.43 min Scan# 1589
Delta R.T. -0.01 min
Lab File: BP000105.D
Acq: 08 Sep 2019 21:51

Tgt Ion	Ion	Ratio	Lower	Upper
188	100			
94	10.5	8.8	13.2	
80	10.6	9.0	13.6	





#65

4,6-Dinitro-2-methylphenol

Concen: 43.729 ng

RT: 10.52 min Scan# 1434

Delta R.T. -0.01 min

Lab File: BP000105.D

Acq: 08 Sep 2019 21:51

Instrument :

BNA_P

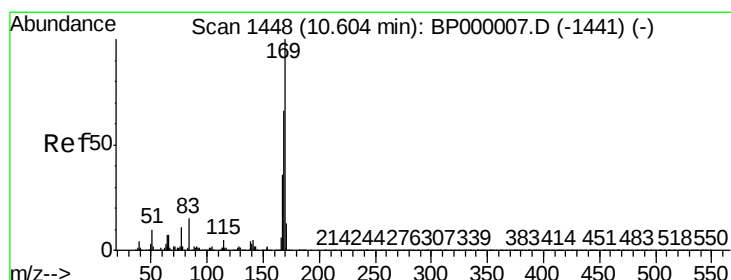
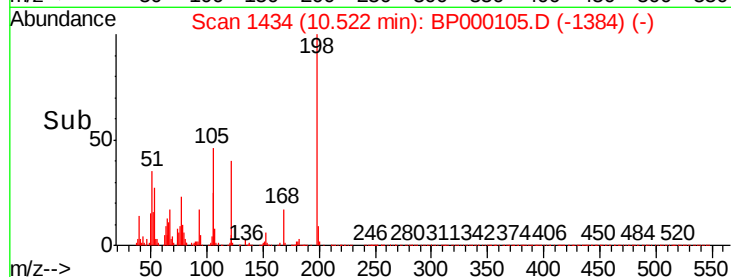
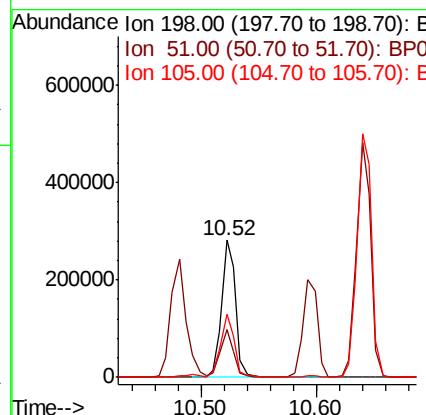
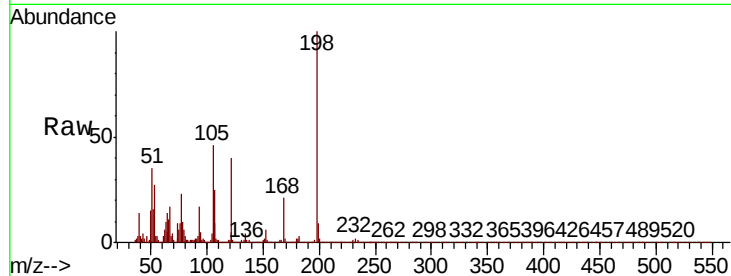
ClientSampleId :

PB122885BS

Tot Ion:	198	Resp:	236157
Ion Ratio	Lower	Upper	
198	100		
51	34.6	22.1	62.1
105	45.7	32.0	72.0

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#66

n-Nitrosodiphenylamine

Concen: 40.600 ng

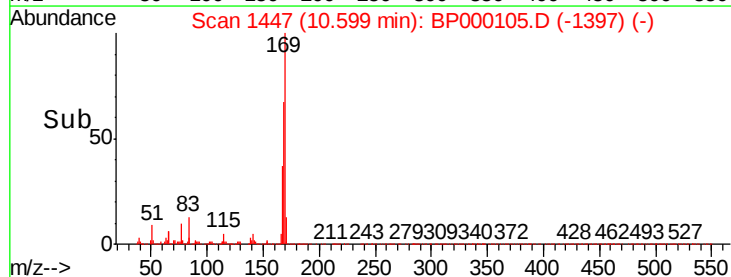
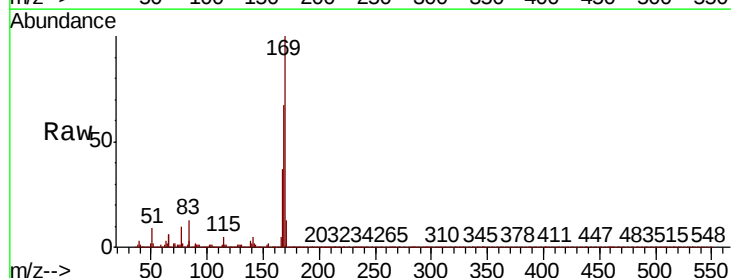
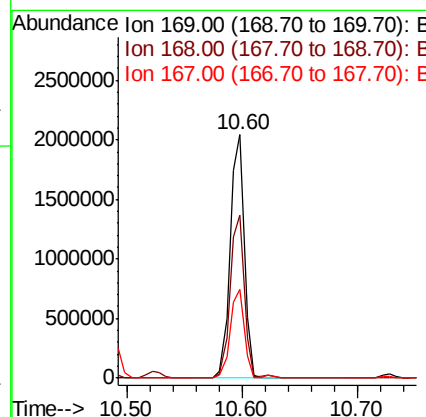
RT: 10.60 min Scan# 1447

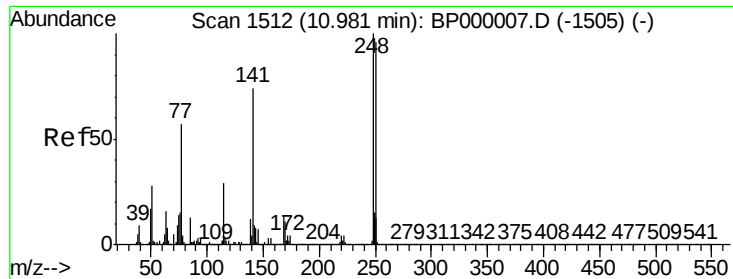
Delta R.T. -0.01 min

Lab File: BP000105.D

Acq: 08 Sep 2019 21:51

Tgt Ion:	169	Resp:	1725001
Ion Ratio	Lower	Upper	
169	100		
168	66.9	52.9	79.3
167	36.5	29.2	43.8





#67

4-Bromophenyl-phenylether

Concen: 40.280 ng

RT: 10.98 min Scan# 1511

Delta R.T. -0.01 min

Lab File: BP000105.D

Acq: 08 Sep 2019 21:51

Instrument :

BNA_P

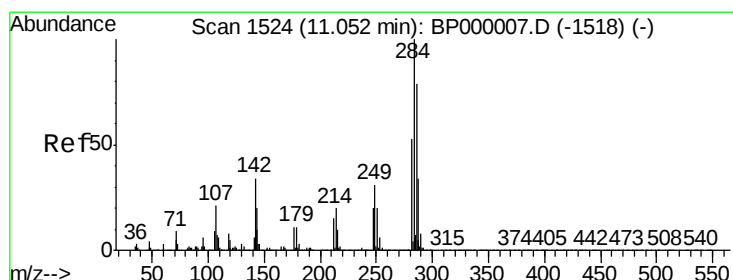
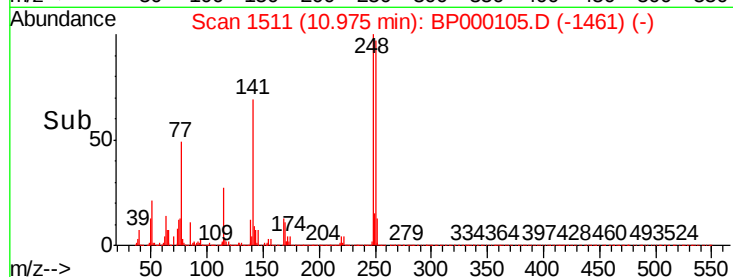
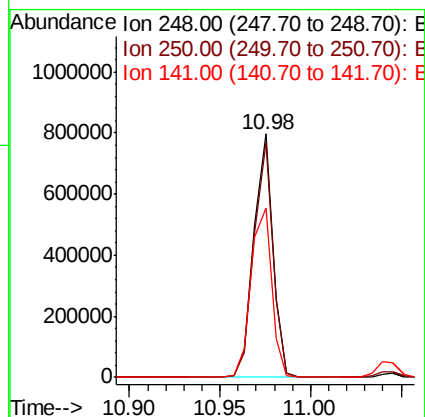
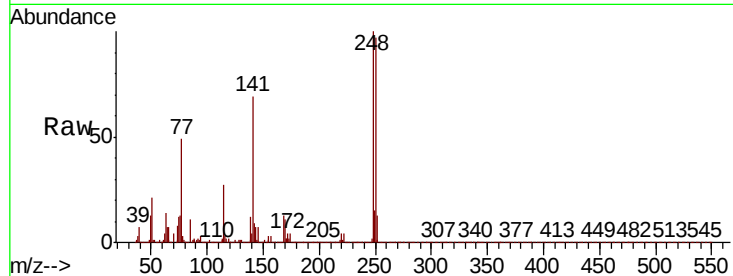
ClientSampleId :

PB122885BS

Tot Ion:	248	Resp:	585404
Ion Ratio	Lower	Upper	
248	100		
250	96.6	77.1	115.7
141	69.3	59.5	89.3

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#68

Hexachlorobenzene

Concen: 38.604 ng

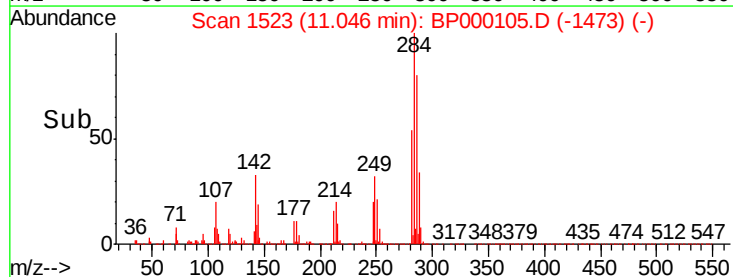
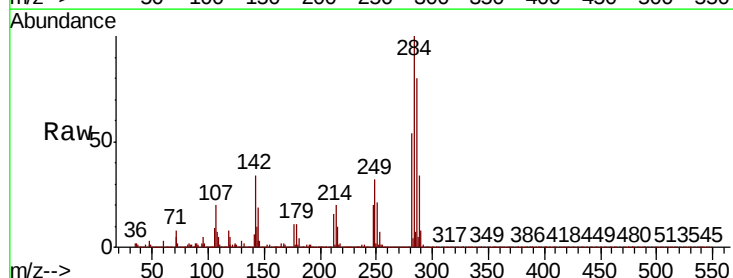
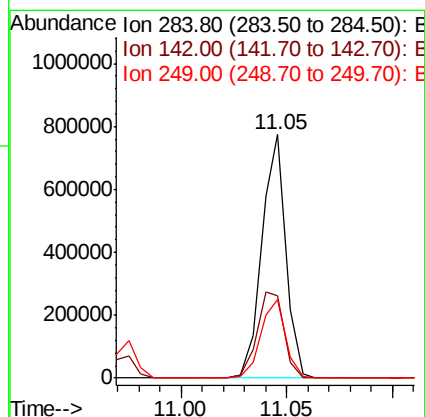
RT: 11.05 min Scan# 1523

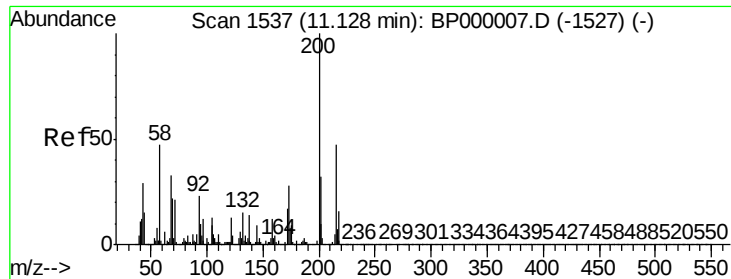
Delta R.T. -0.01 min

Lab File: BP000105.D

Acq: 08 Sep 2019 21:51

Tgt Ion:	284	Resp:	611319
Ion Ratio	Lower	Upper	
284	100		
142	33.6	27.0	40.4
249	32.4	24.9	37.3





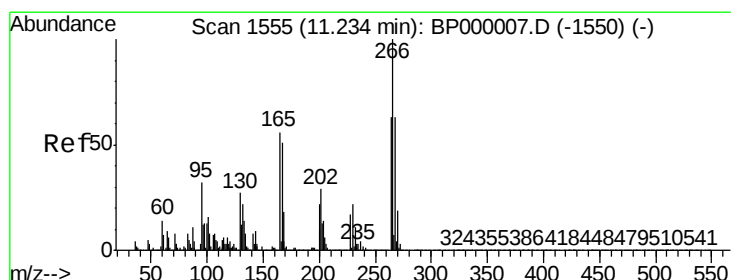
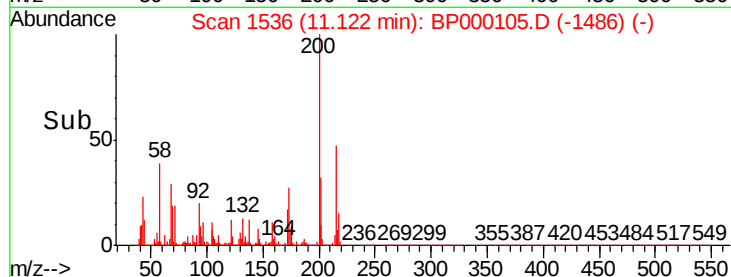
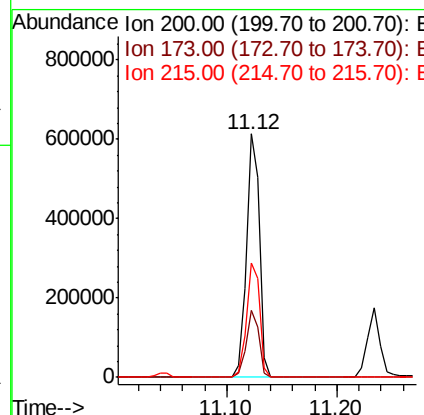
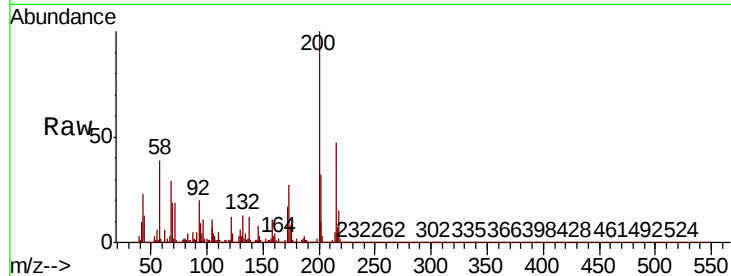
#69
Atrazine
Concen: 45.155 ng
RT: 11.12 min Scan# 1536
Delta R.T. -0.00 min
Lab File: BP000105.D
Acq: 08 Sep 2019 21:51

Instrument :
BNA_P
ClientSampleId :
PB122885BS

Tot Ion	Ratio	Resp Lower	Upper
200	100		
173	27.3	8.1	48.1
215	47.0	26.7	66.7

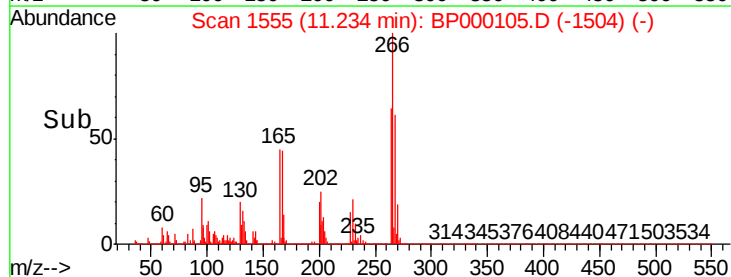
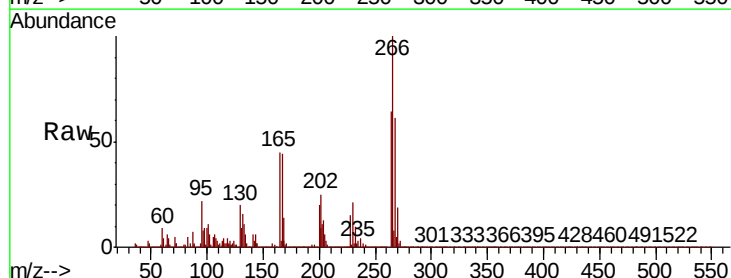
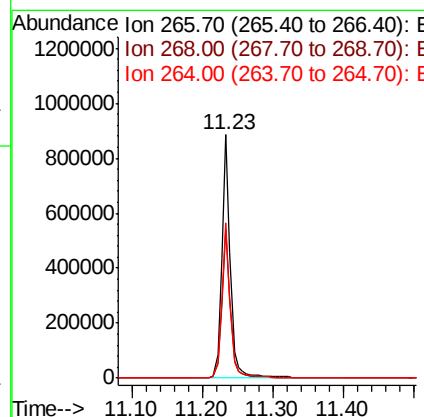
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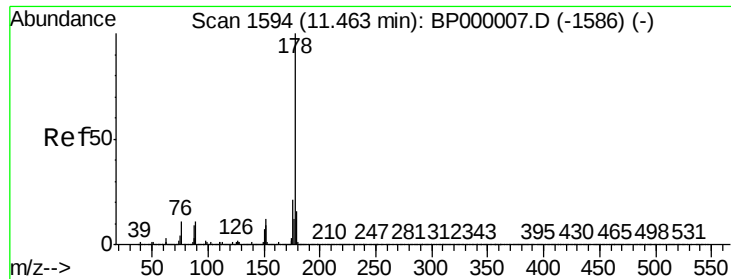
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#70
Pentachlorophenol
Concen: 88.405 ng
RT: 11.23 min Scan# 1555
Delta R.T. 0.00 min
Lab File: BP000105.D
Acq: 08 Sep 2019 21:51

Tgt Ion	Ratio	Resp Lower	Upper
266	100		
268	61.1	50.1	75.1
264	63.8	50.6	76.0





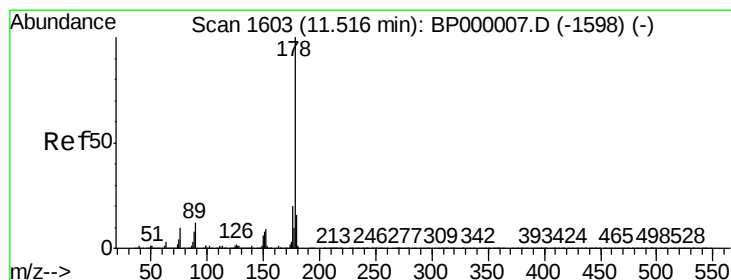
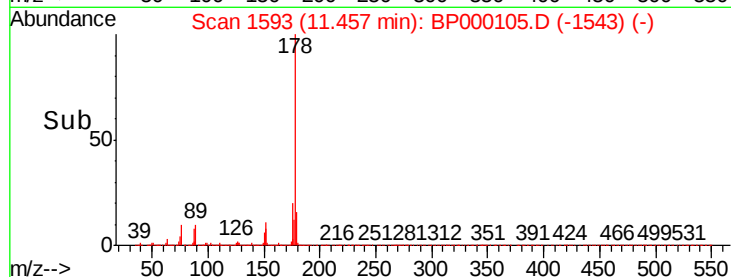
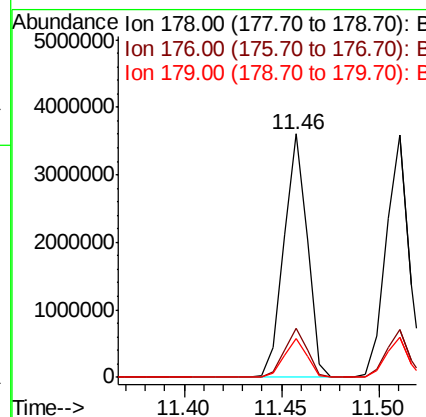
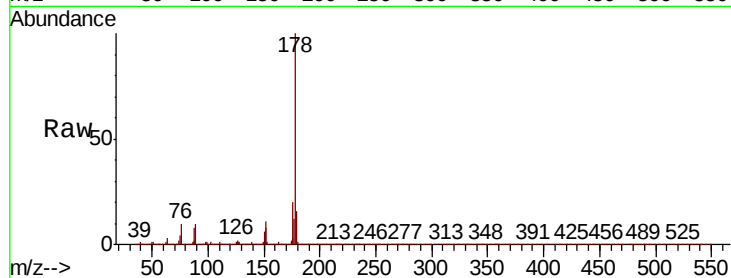
#71
Phenanthrene
Concen: 41.791 ng
RT: 11.46 min Scan# 1593
Delta R.T. -0.01 min
Lab File: BP000105.D
Acq: 08 Sep 2019 21:51

Instrument :
BNA_P
ClientSampleId :
PB122885BS

Tot Ion	Ratio	Lower	Upper
178	100		
176	20.3	16.7	25.1
179	16.1	13.1	19.7

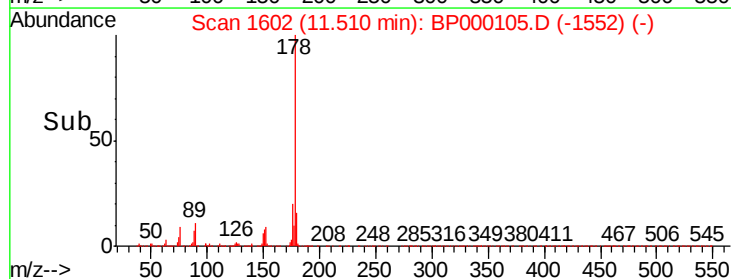
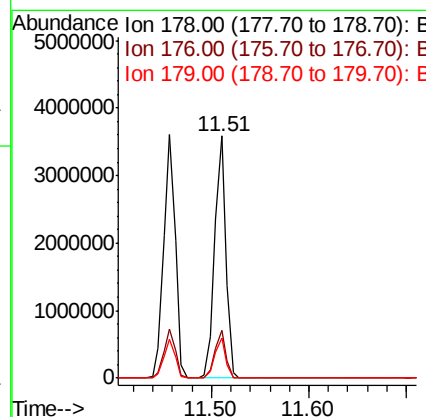
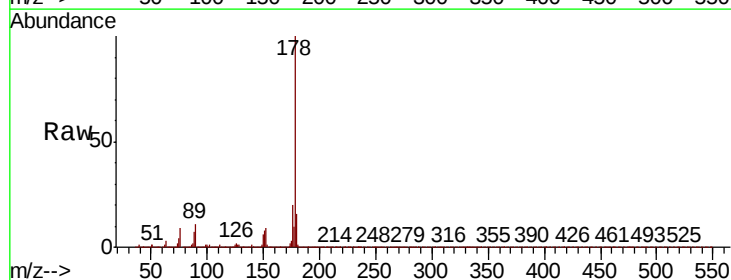
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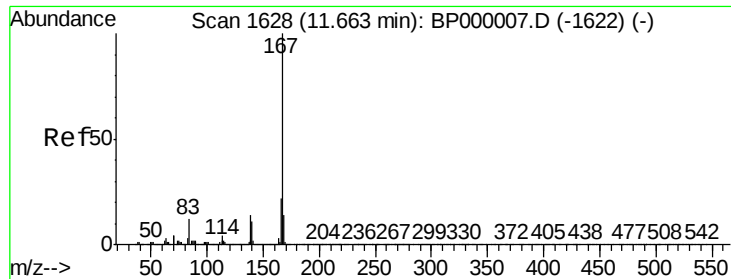
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#72
Anthracene
Concen: 40.644 ng
RT: 11.51 min Scan# 1602
Delta R.T. -0.01 min
Lab File: BP000105.D
Acq: 08 Sep 2019 21:51

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.9	15.9	23.9
179	16.4	13.0	19.6





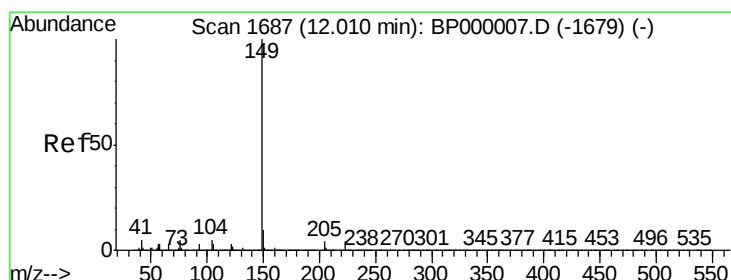
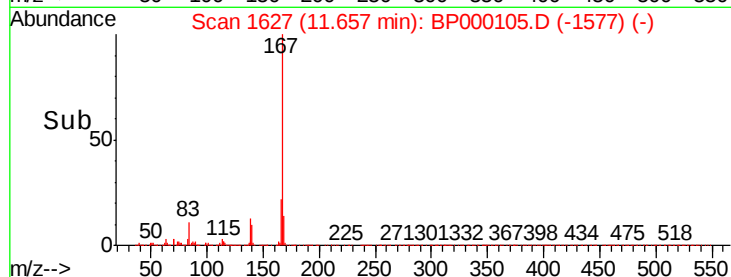
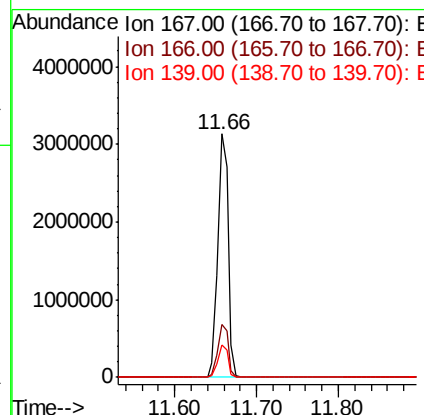
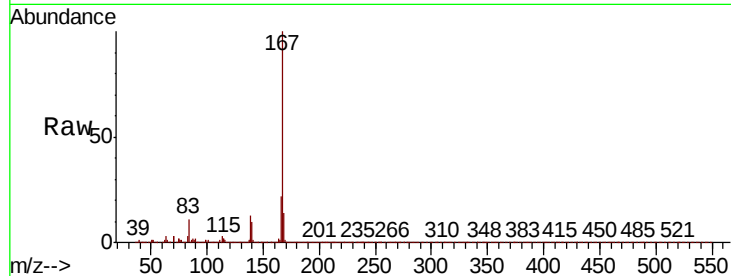
#73
 Carbazole
 Concen: 41.559 ng
 RT: 11.66 min Scan# 1627
 Delta R.T. -0.01 min
 Lab File: BP000105.D
 Acq: 08 Sep 2019 21:51

Instrument :
 BNA_P
 ClientSampleId :
 PB122885BS

Tot Ion	Ratio	Lower	Upper
167	100		
166	21.8	17.9	26.9
139	13.4	11.4	17.2

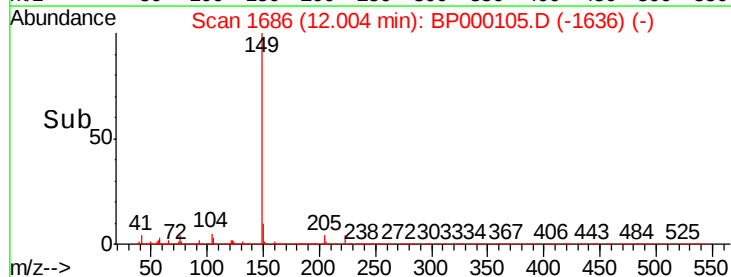
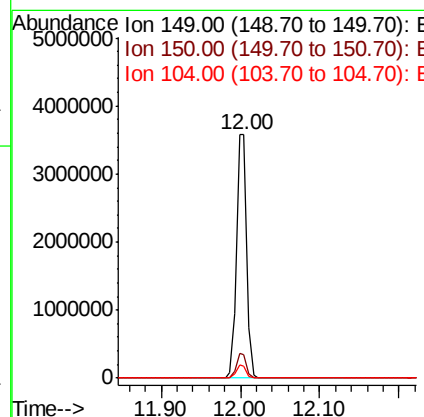
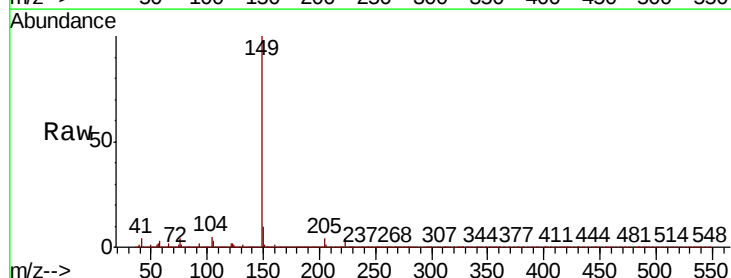
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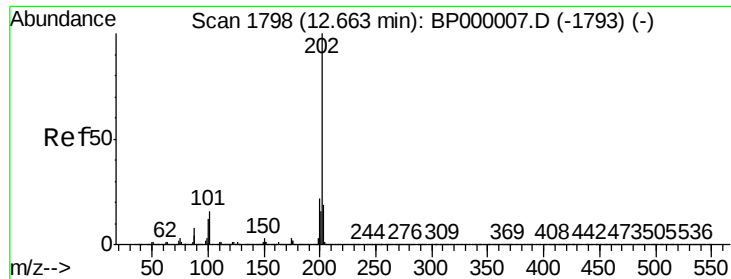
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#74
 Di-n-butylphthalate
 Concen: 39.394 ng
 RT: 12.00 min Scan# 1686
 Delta R.T. -0.01 min
 Lab File: BP000105.D
 Acq: 08 Sep 2019 21:51

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.6	8.0	12.0
104	4.7	4.4	6.6





#75

Fluoranthene

Concen: 42.842 ng

RT: 12.66 min Scan# 1797

Delta R.T. -0.01 min

Lab File: BP000105.D

Acq: 08 Sep 2019 21:51

Instrument :

BNA_P

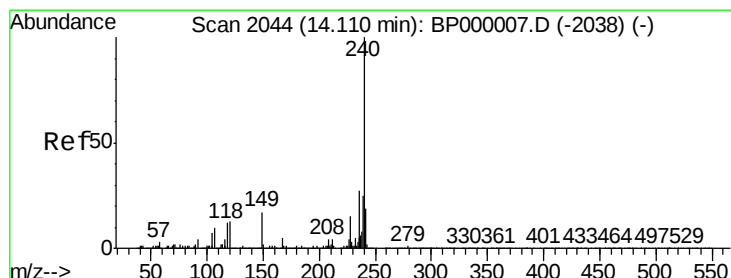
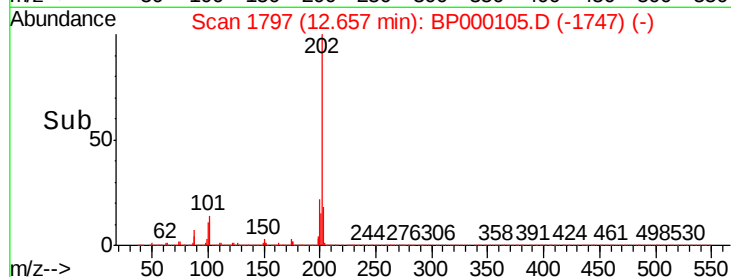
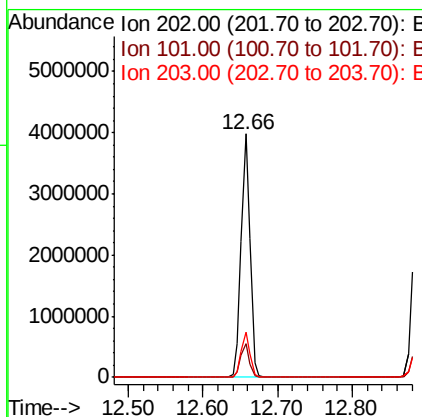
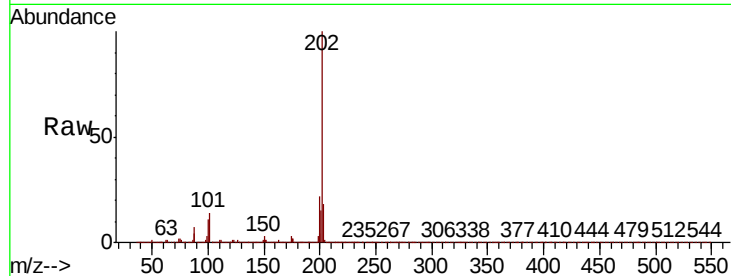
ClientSampled :

PB122885BS

Tot Ion:	202	Resp:	3318381
Ion Ratio	Lower	Upper	
202	100		
101	14.0	0.0	36.4
203	18.3	0.0	38.7

Manual Integrations
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#76

Chrysene-d12

Concen: 20.000 ng

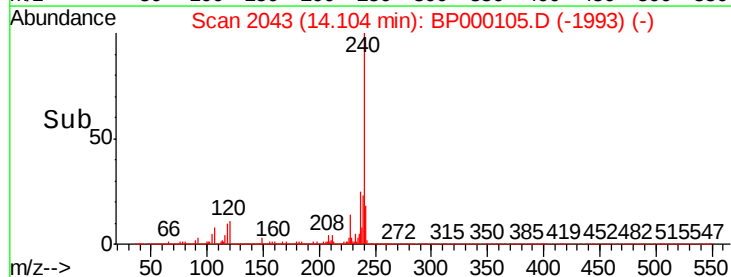
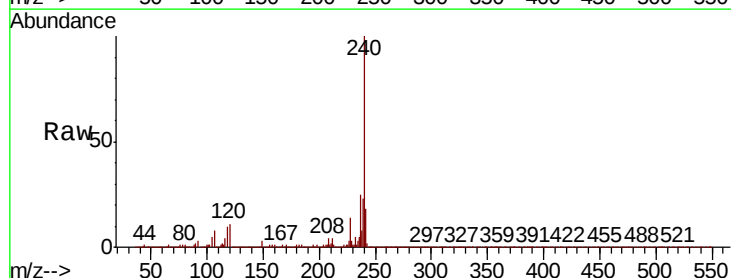
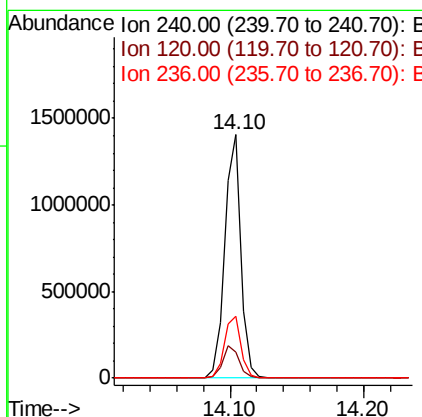
RT: 14.10 min Scan# 2043

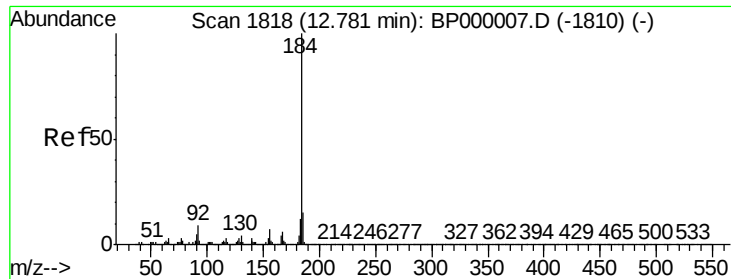
Delta R.T. -0.01 min

Lab File: BP000105.D

Acq: 08 Sep 2019 21:51

Tgt Ion:	240	Resp:	1198084
Ion Ratio	Lower	Upper	
240	100		
120	10.8	10.5	15.7
236	25.3	21.5	32.3





#77

Benzidine

Concen: 17.776 ng

RT: 12.77 min Scan# 1817

Delta R.T. -0.01 min

Lab File: BP000105.D

Acq: 08 Sep 2019 21:51

Instrument :

BNA_P

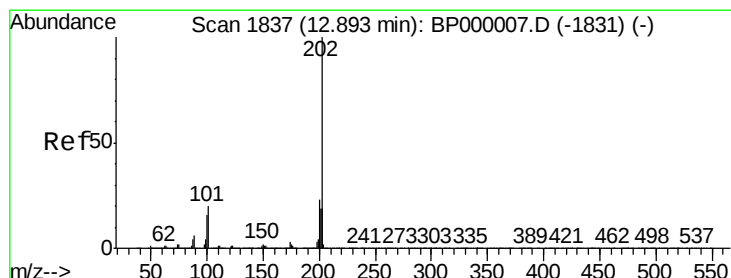
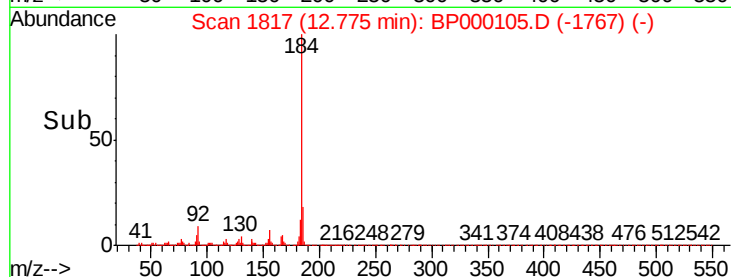
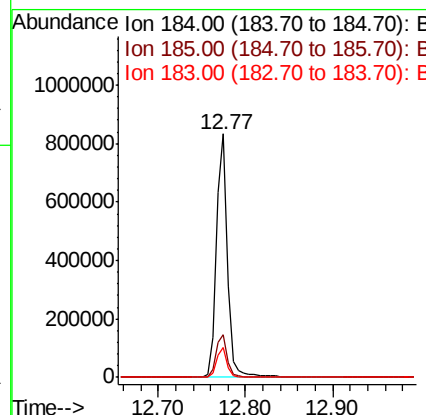
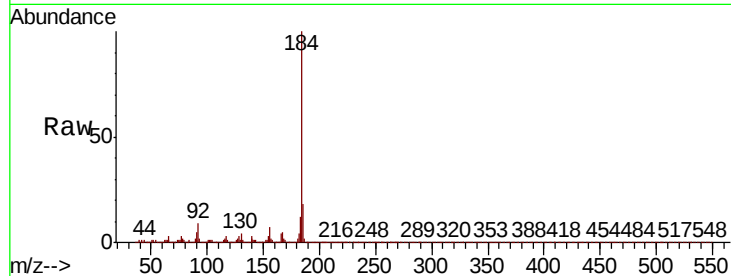
ClientSampled :

PB122885BS

Tot Ion:	184	Resp:	734801
Ion Ratio	Lower	Upper	
184	100		
185	17.6	11.8	17.8
183	12.1	9.4	14.0

Manual Integrations
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#78

Pyrene

Concen: 38.301 ng

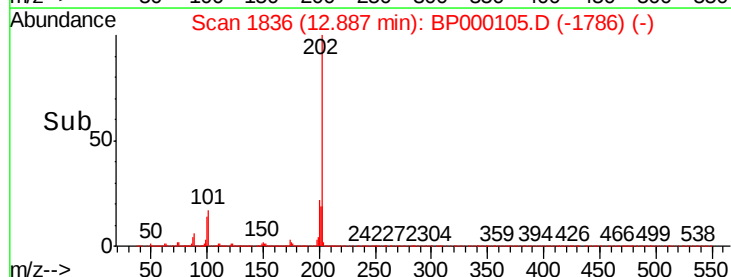
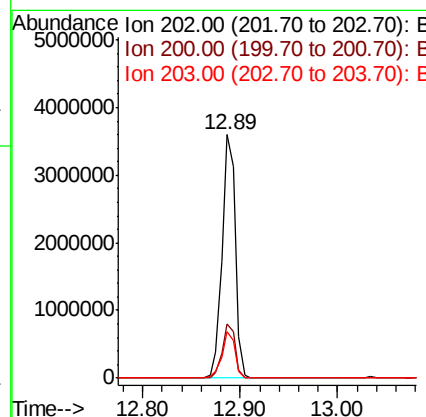
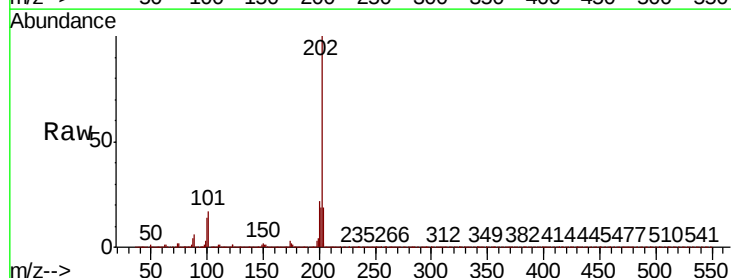
RT: 12.89 min Scan# 1836

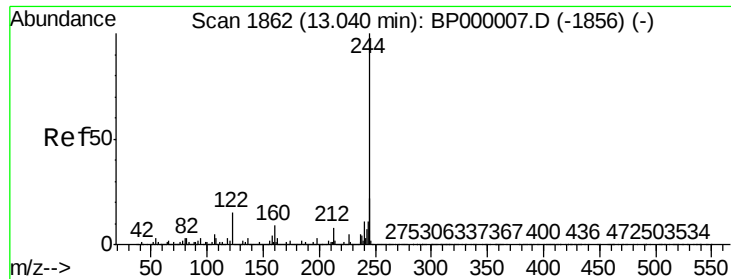
Delta R.T. -0.01 min

Lab File: BP000105.D

Acq: 08 Sep 2019 21:51

Tgt Ion:	202	Resp:	3375820
Ion Ratio	Lower	Upper	
202	100		
200	22.4	18.5	27.7
203	19.0	15.1	22.7





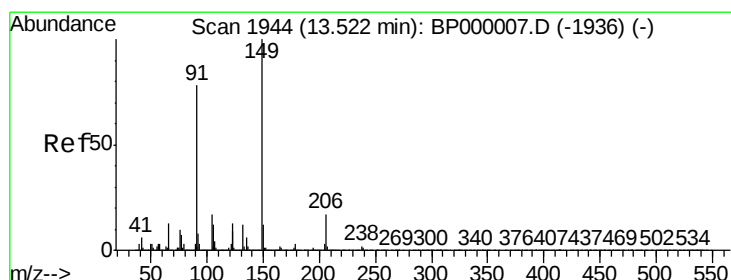
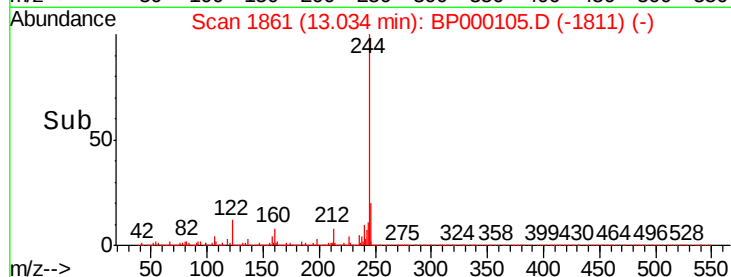
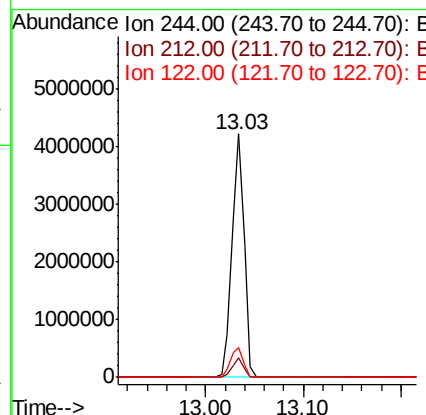
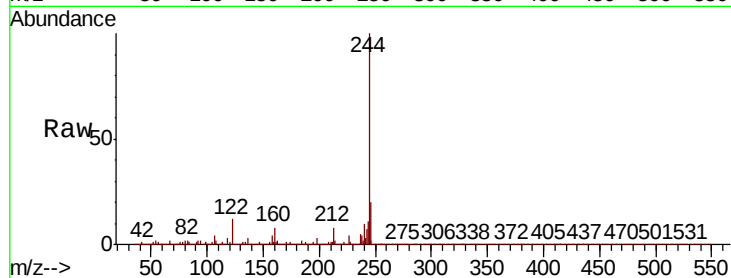
#79
 Terphenyl-d14
 Concen: 66.400 ng
 RT: 13.03 min Scan# 1861
 Delta R.T. -0.01 min
 Lab File: BP000105.D
 Acq: 08 Sep 2019 21:51

Instrument :
 BNA_P
 ClientSampleId :
 PB122885BS

Tot Ion	Ratio	Lower	Upper
244	100		
212	7.8	6.6	10.0
122	12.2	12.3	18.5

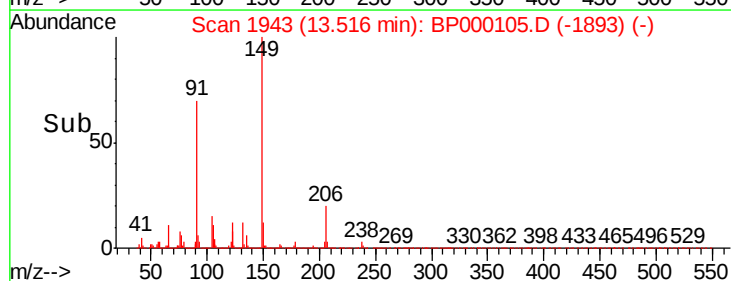
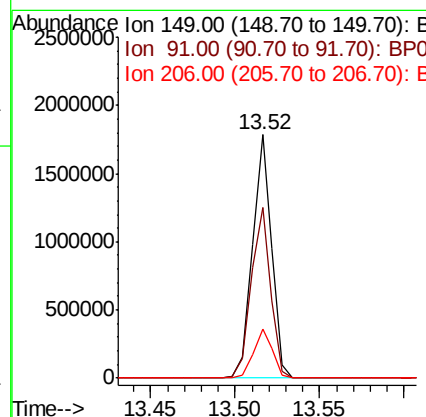
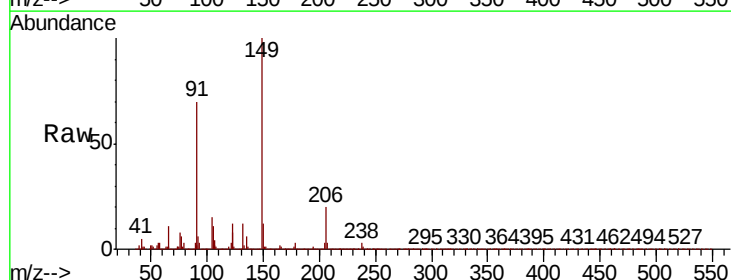
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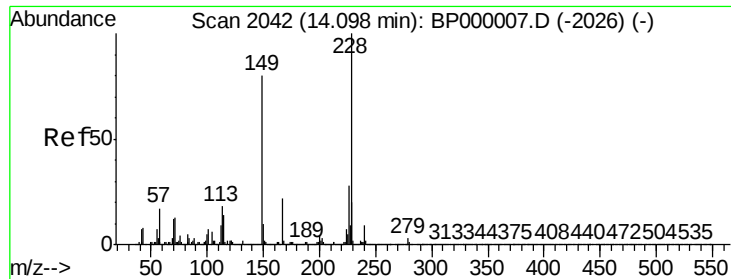
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#80
 Butylbenzylphthalate
 Concen: 35.900 ng
 RT: 13.52 min Scan# 1943
 Delta R.T. -0.01 min
 Lab File: BP000105.D
 Acq: 08 Sep 2019 21:51

Tgt Ion	Ratio	Lower	Upper
149	100		
91	70.2	62.7	94.1
206	20.0	13.8	20.6





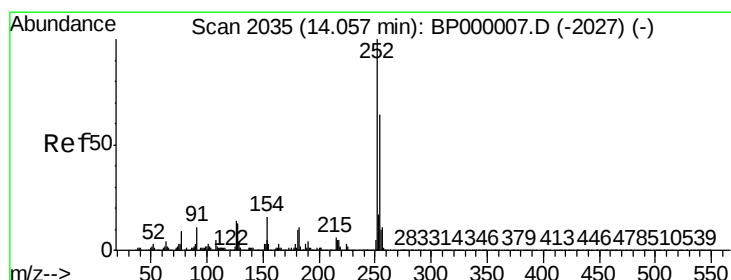
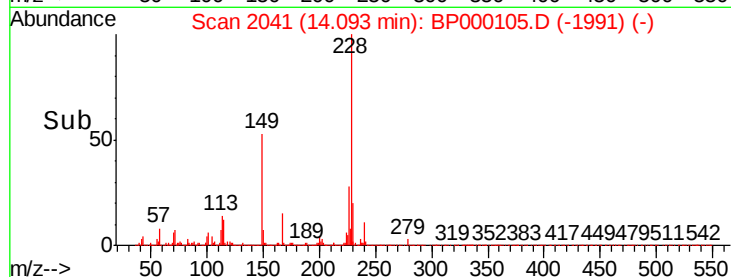
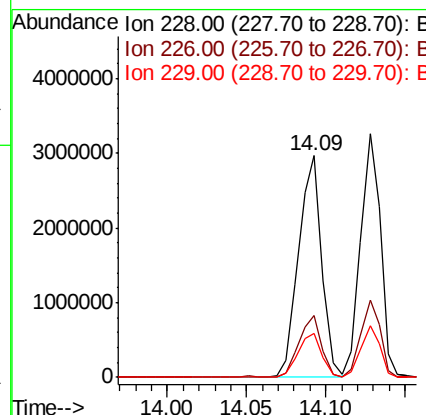
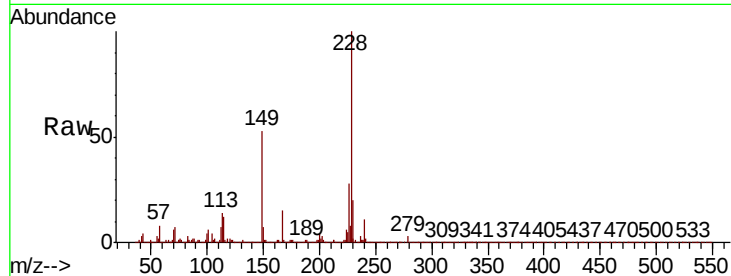
#81
Benzo(a)anthracene
Concen: 38.426 ng
RT: 14.09 min Scan# 2041
Delta R.T. -0.01 min
Lab File: BP000105.D
Acq: 08 Sep 2019 21:51

Instrument :
BNA_P
ClientSampleId :
PB122885BS

Tot Ion	Ratio	Lower	Upper
228	100		
226	27.8	22.5	33.7
229	19.6	16.2	24.2

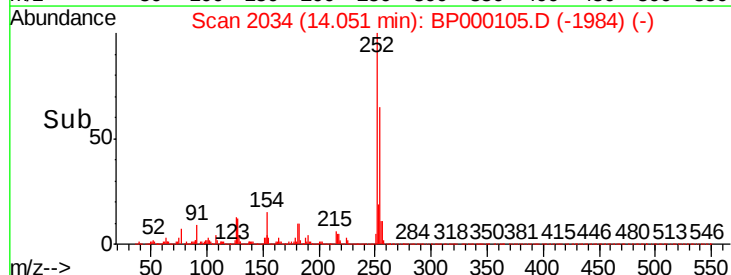
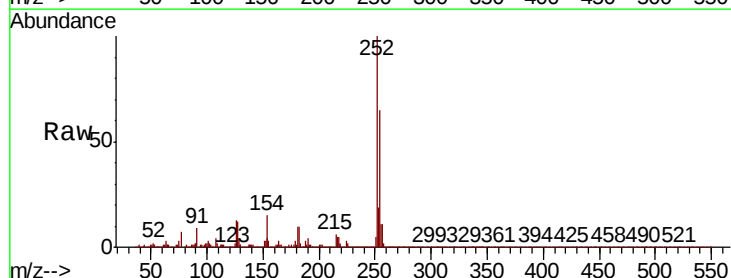
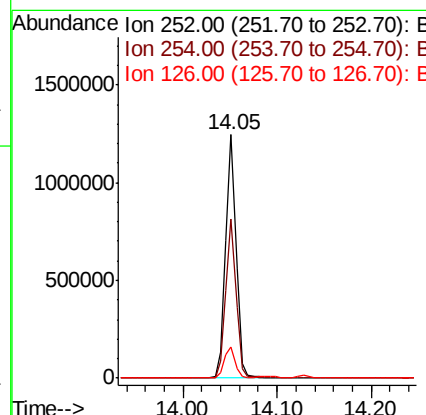
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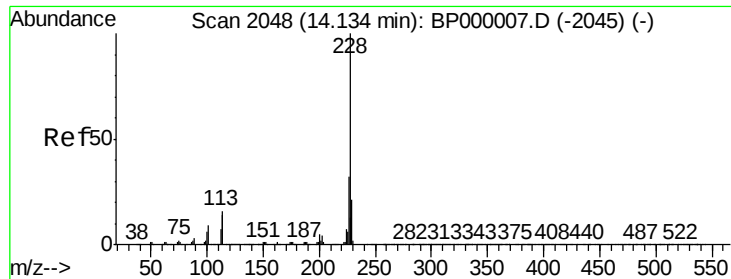
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#82
3,3'-Dichlorobenzidine
Concen: 34.259 ng
RT: 14.05 min Scan# 2034
Delta R.T. -0.01 min
Lab File: BP000105.D
Acq: 08 Sep 2019 21:51

Tgt Ion	Ratio	Lower	Upper
252	100		
254	65.5	51.4	77.0
126	12.6	11.1	16.7





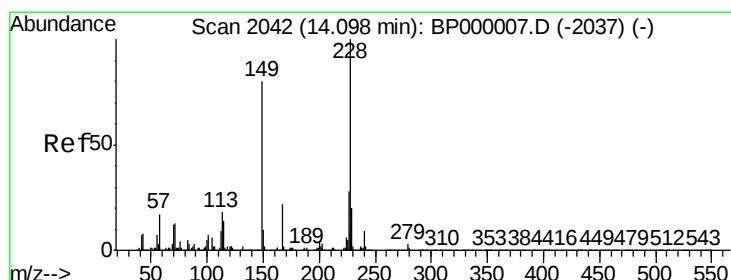
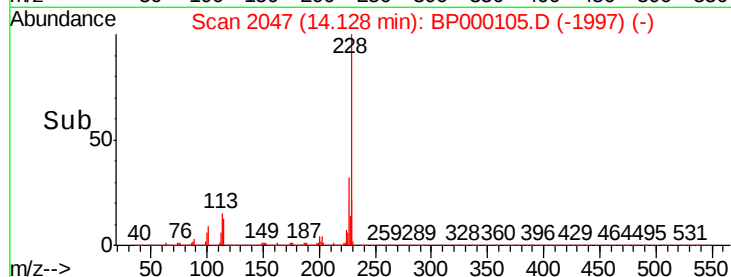
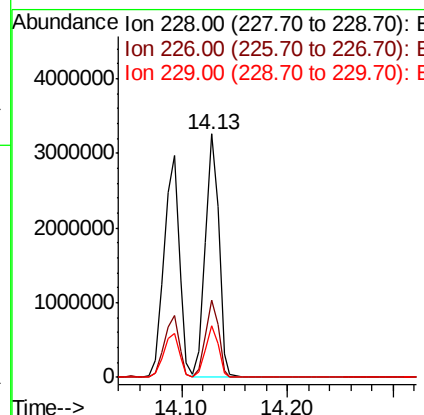
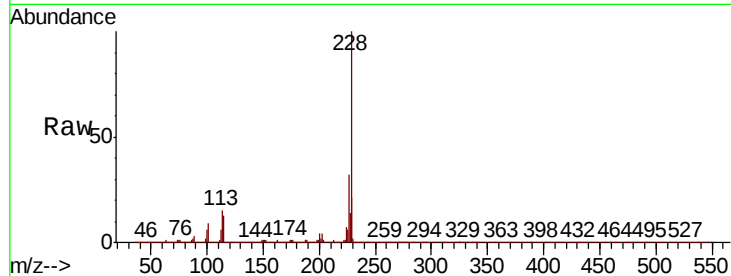
#83
 Chrysene
 Concen: 38.958 ng
 RT: 14.13 min Scan# 2047
 Delta R.T. -0.01 min
 Lab File: BP000105.D
 Acq: 08 Sep 2019 21:51

Instrument :
 BNA_P
 ClientSampleId :
 PB122885BS

Tot Ion	Ratio	Lower	Upper
228	100		
226	31.6	25.5	38.3
229	21.4	16.5	24.7

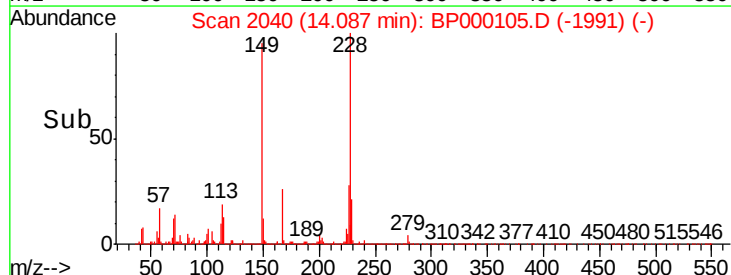
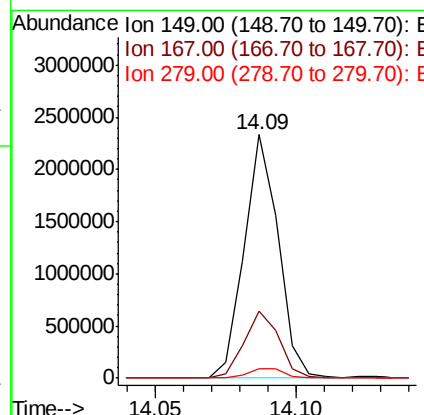
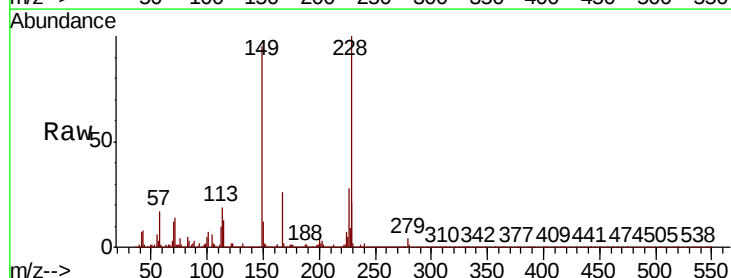
Manual Integrations
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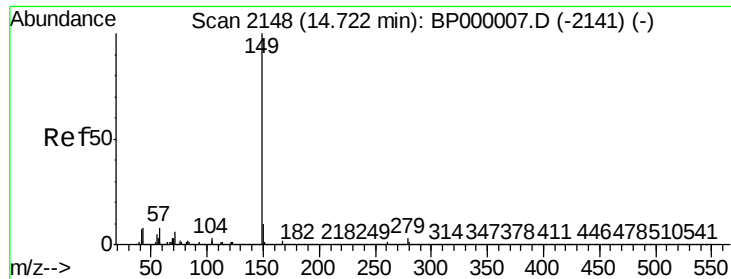
mohammad
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#84
 Bis(2-ethylhexyl)phthalate
 Concen: 38.240 ng
 RT: 14.09 min Scan# 2040
 Delta R.T. -0.01 min
 Lab File: BP000105.D
 Acq: 08 Sep 2019 21:51

Tgt Ion	Ratio	Lower	Upper
149	100		
167	27.8	22.4	33.6
279	3.9	3.1	4.7





#85

Di-n-octyl phthalate

Concen: 37.195 ng

RT: 14.71 min Scan# 2146

Delta R.T. -0.01 min

Lab File: BP000105.D

Acq: 08 Sep 2019 21:51

Instrument :

BNA_P

ClientSampleId :

PB122885BS

Tot Ion:149 Resp: 3349697

Ion Ratio Lower Upper

149 100

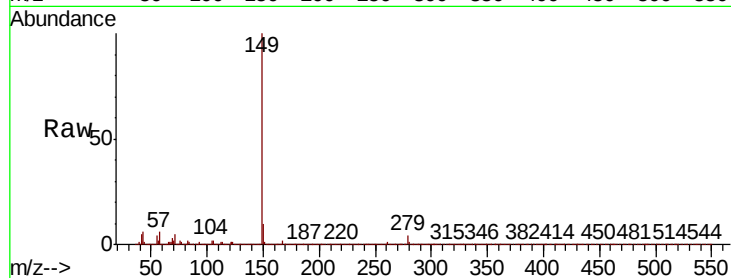
167 1.6 1.3 1.9

43 6.3 6.5 9.7#

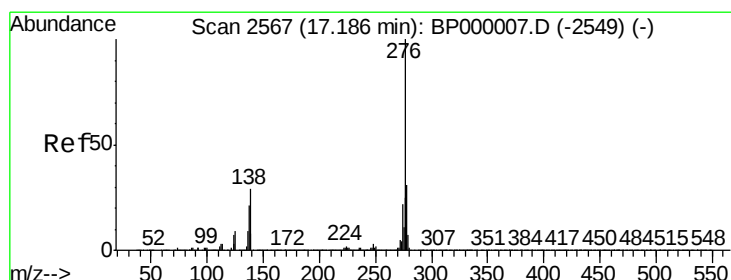
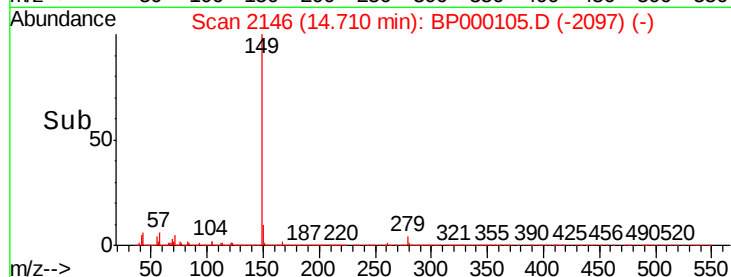
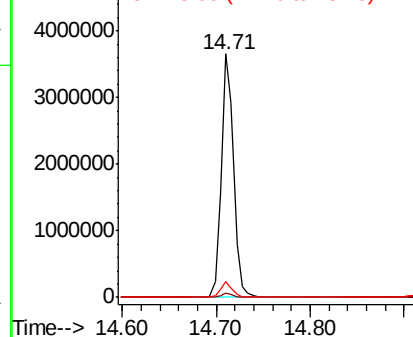
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Abundance Ion 149.00 (148.70 to 149.70): E
5000000
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BP0



#86

Indeno(1,2,3-cd)pyrene

Concen: 36.962 ng

RT: 17.17 min Scan# 2564

Delta R.T. -0.02 min

Lab File: BP000105.D

Acq: 08 Sep 2019 21:51

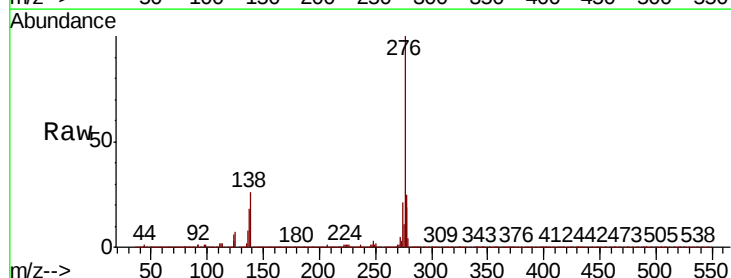
Tgt Ion:276 Resp: 3401105

Ion Ratio Lower Upper

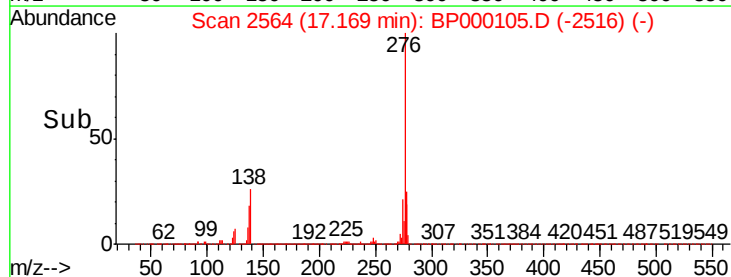
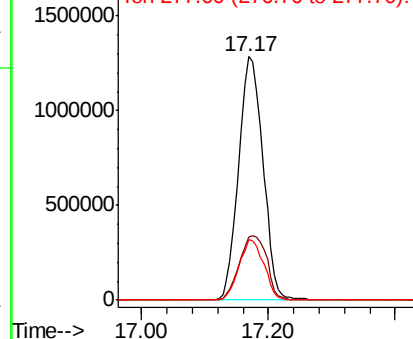
276 100

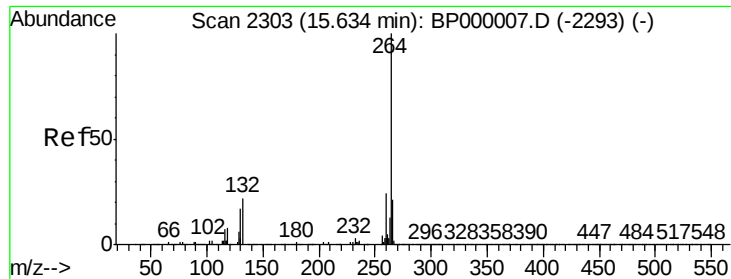
138 30.2 26.5 39.7

277 25.3 20.3 30.5



Abundance Ion 276.00 (275.70 to 276.70): E
1500000
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E





#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.62 min Scan# 2301
Delta R.T. -0.01 min
Lab File: BP000105.D
Acq: 08 Sep 2019 21:51

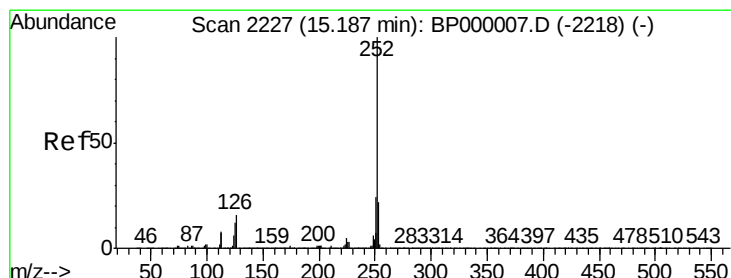
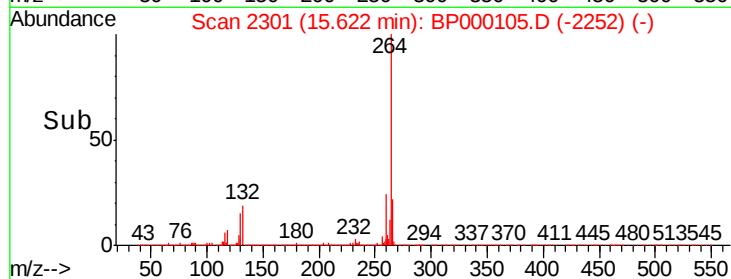
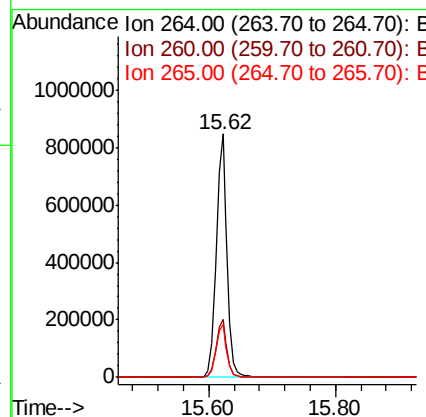
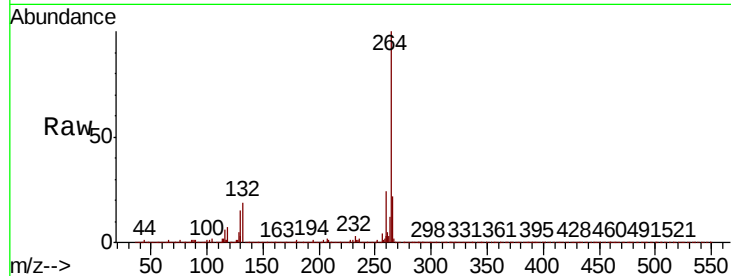
Instrument :
BNA_P
ClientSampleId :
PB122885BS

Tot Ion:264 Resp: 1034252

Ion	Ratio	Lower	Upper
264	100		
260	23.6	19.1	28.7
265	21.6	17.1	25.7

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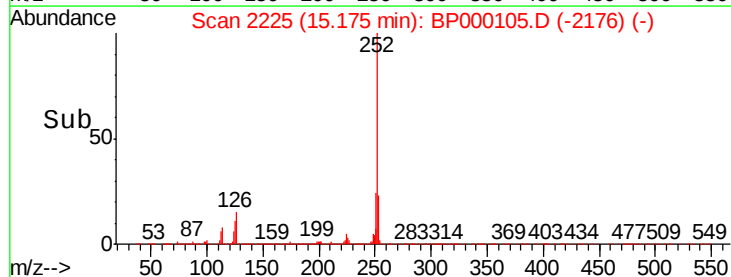
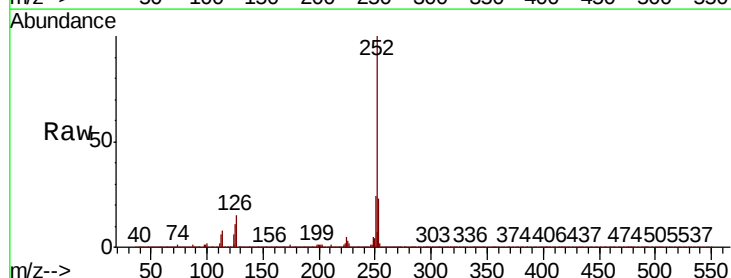
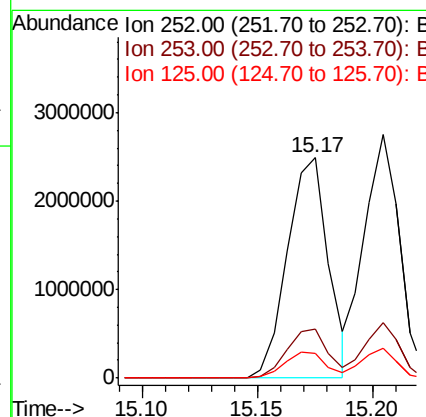
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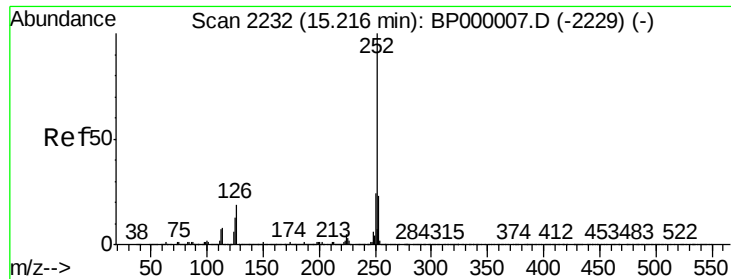


#88
Benzo(b)fluoranthene
Concen: 48.456 ng
RT: 15.17 min Scan# 2225
Delta R.T. -0.01 min
Lab File: BP000105.D
Acq: 08 Sep 2019 21:51

Tgt Ion:252 Resp: 3061154

Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.8	26.6
125	11.1	9.4	14.2





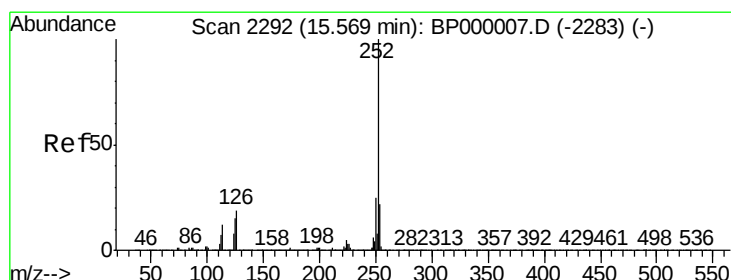
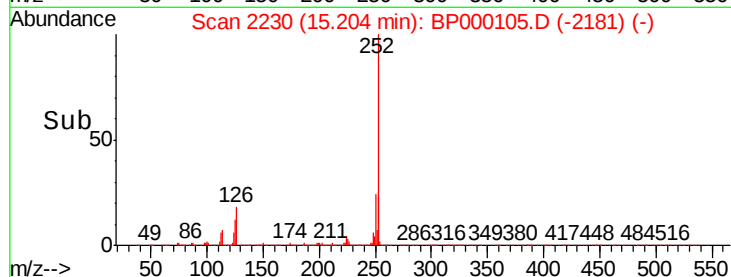
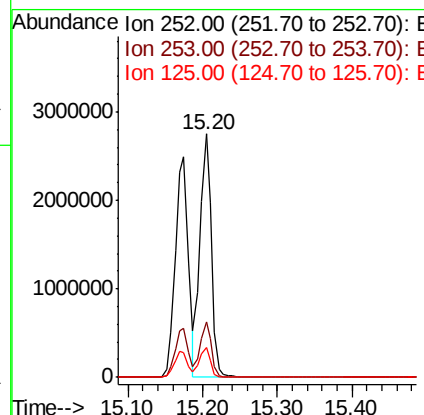
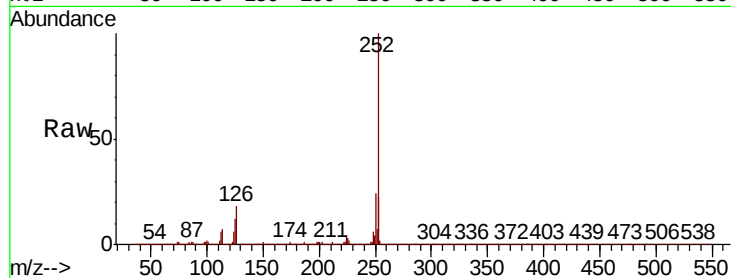
#89
Benzo(k)fluoranthene
Concen: 51.346 ng
RT: 15.20 min Scan# 2230
Delta R.T. -0.01 min
Lab File: BP000105.D
Acq: 08 Sep 2019 21:51

Instrument :
BNA_P
ClientSampleId :
PB122885BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.7	18.0	27.0
125	12.3	10.3	15.5

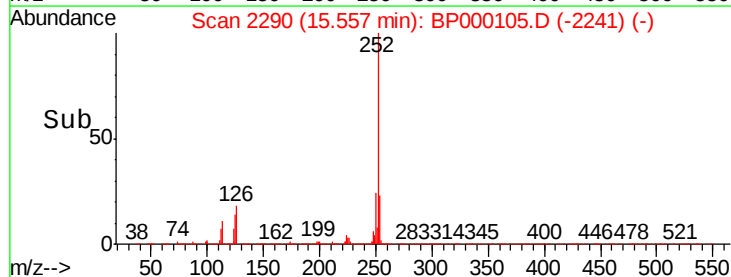
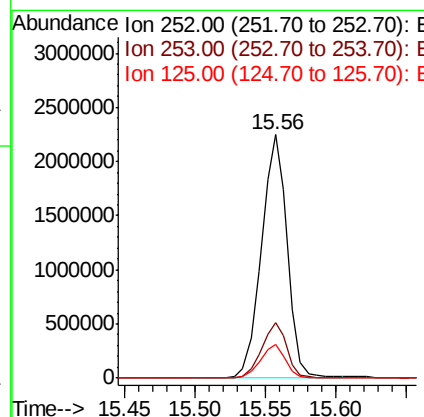
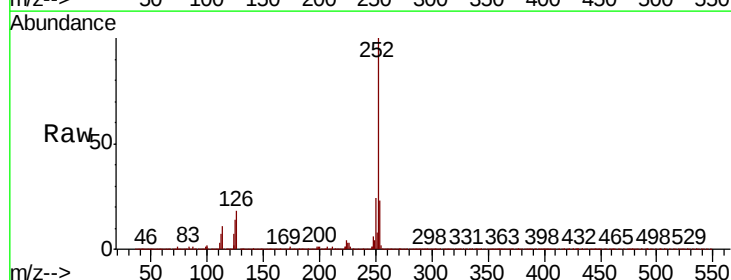
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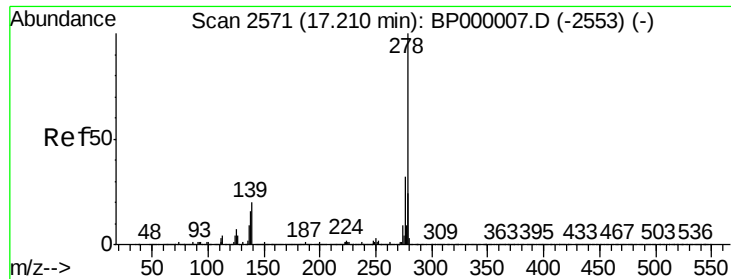
mohammad
9/10/2019 2:09:28 PM



#90
Benzo(a)pyrene
Concen: 50.403 ng
RT: 15.56 min Scan# 2290
Delta R.T. -0.01 min
Lab File: BP000105.D
Acq: 08 Sep 2019 21:51

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.7	17.5	26.3
125	13.9	11.7	17.5





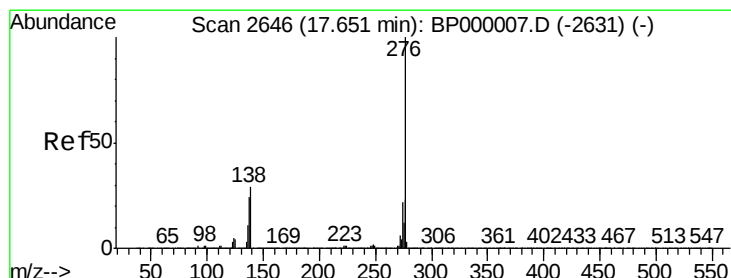
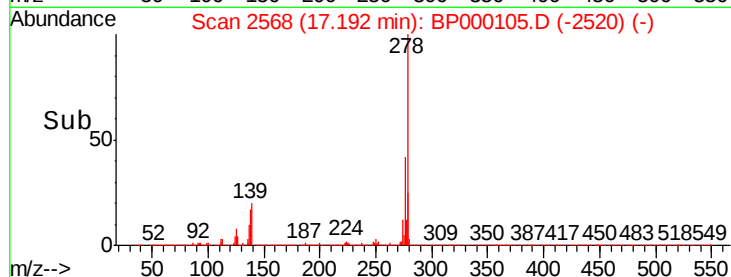
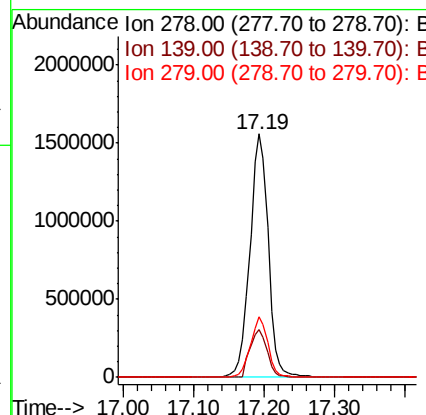
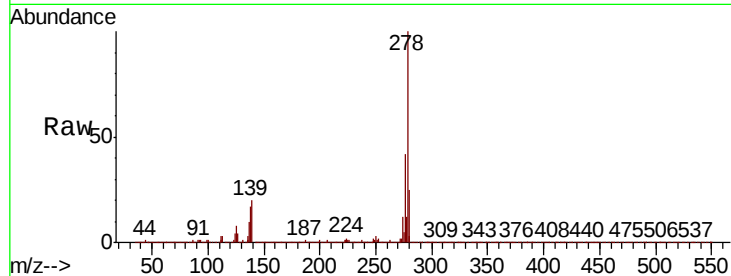
#91
Dibenzo(a,h)anthracene
Concen: 49.546 ng
RT: 17.19 min Scan# 2568
Delta R.T. -0.02 min
Lab File: BP000105.D
Acq: 08 Sep 2019 21:51

Instrument :
BNA_P
ClientSampleId :
PB122885BS

Tot Ion:278 Resp: 2825569
Ion Ratio Lower Upper
278 100
139 19.6 16.4 24.6
279 24.9 19.2 28.8

Manual Integrations
APPROVED

mohammad
9/10/2019 2:09:28 PM



#92
Benzo(g,h,i)perylene
Concen: 49.990 ng
RT: 17.64 min Scan# 2644
Delta R.T. -0.01 min
Lab File: BP000105.D
Acq: 08 Sep 2019 21:51

Tgt Ion:276 Resp: 2821729
Ion Ratio Lower Upper
276 100
277 24.0 18.6 28.0
138 26.3 23.0 34.4

