

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP091919\
 Data File : BP000319.D
 Acq On : 19 Sep 2019 10:41
 Operator : HP/JU
 Sample : PB123199BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB123199BS

Manual Integrations
 APPROVED

mohammad
 9/20/2019 1:08:28 PM

Quant Time: Sep 20 04:24:10 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP091619.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Sep 19 14:44:51 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	224923	20.00	ng	0.00
21) Naphthalene-d8	8.08	136	879371	20.00	ng	0.00
39) Acenaphthene-d10	9.84	164	499193	20.00	ng	0.00
64) Phenanthrene-d10	11.33	188	960882	20.00	ng	0.00
76) Chrysene-d12	14.00	240	780893	20.00	ng	0.00
87) Perylene-d12	15.48	264	800790	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.42	112	1362635	104.59	ng	0.01
7) Phenol-d6	6.43	99	1643372	102.90	ng	0.00
23) Nitrobenzene-d5	7.35	82	895370	65.69	ng	0.00
42) 2,4,6-Tribromophenol	10.63	330	608748	122.95	ng	0.00
45) 2-Fluorobiphenyl	9.15	172	2095612	75.56	ng	0.00
79) Terphenyl-d14	12.93	244	2521442	67.74	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.55	88	219074	37.261	ng	99
3) Pyridine	3.30	79	497751	31.448	ng	99
4) n-Nitrosodimethylamine	3.24	42	163019	36.526	ng	97
6) Aniline	6.45	93	645065	29.295	ng	97
8) 2-Chlorophenol	6.58	128	590662	42.101	ng	98
9) Benzaldehyde	6.34	77	309467	35.132	ng	94
10) Phenol	6.44	94	706466	38.934	ng	92
11) bis(2-Chloroethyl)ether	6.53	93	530722	38.195	ng	96
12) 1,3-Dichlorobenzene	6.73	146	660154	39.211	ng	99
13) 1,4-Dichlorobenzene	6.81	146	680988	40.654	ng	97
14) 1,2-Dichlorobenzene	6.96	146	629657	41.035	ng	98
15) Benzyl Alcohol	6.93	79	474152	40.797	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.07	45	468258	35.545	ng	99
17) 2-Methylphenol	7.05	107	481053	40.033	ng	99
18) Hexachloroethane	7.30	117	239543	38.643	ng	98
19) n-Nitroso-di-n-propylamine	7.20	70	323114	38.266	ng	98
20) 3+4-Methylphenols	7.20	107	590943	40.668	ng	# 87
22) Acetophenone	7.20	105	789962	41.453	ng	98
24) Nitrobenzene	7.37	77	551565	38.962	ng	98
25) Isophorone	7.61	82	1039390	38.513	ng	100
26) 2-Nitrophenol	7.69	139	312299	41.612	ng	95
27) 2,4-Dimethylphenol	7.73	122	527655	44.138	ng	99
28) bis(2-Chloroethoxy)methane	7.82	93	680542	37.913	ng	100
29) 2,4-Dichlorophenol	7.93	162	539825	42.133	ng	99
30) 1,2,4-Trichlorobenzene	8.02	180	596274	40.602	ng	98
31) Naphthalene	8.10	128	1699873	41.738	ng	99
32) Benzoic acid	7.83	122	282825	35.039	ng	97
33) 4-Chloroaniline	8.14	127	472115	25.615	ng	99
34) Hexachlorobutadiene	8.22	225	358340	41.181	ng	100
35) Caprolactam	8.50	113	175654m	40.301	ng	
36) 4-Chloro-3-methylphenol	8.63	107	548149	42.144	ng	97
37) 2-Methylnaphthalene	8.79	142	1191202	42.786	ng	99
38) 1-Methylnaphthalene	8.89	142	1110351	42.575	ng	100
40) 1,2,4,5-Tetrachlorobenzene	8.96	216	618279	43.319	ng	99

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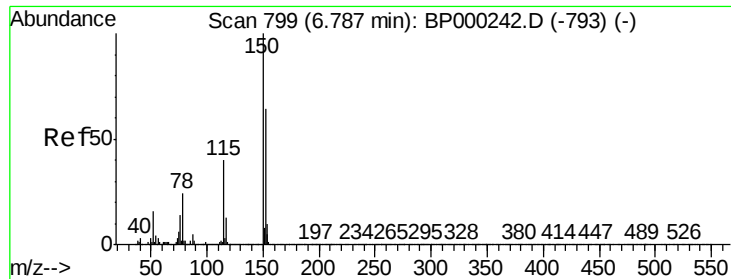
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.95	237	635826	77.578	nq	99
43) 2,4,6-Trichlorophenol	9.07	196	412978	41.816	nq	100
44) 2,4,5-Trichlorophenol	9.11	196	444123	43.917	nq	97
46) 1,1'-Biphenyl	9.26	154	1483086	42.947	nq	98
47) 2-Chloronaphthalene	9.28	162	1161374	40.091	nq	98
48) 2-Nitroaniline	9.37	65	270897	36.824	nq	94
49) Acenaphthylene	9.70	152	1829986	42.025	nq	99
50) Dimethylphthalate	9.56	163	1397367	41.086	nq	99
51) 2,6-Dinitrotoluene	9.62	165	321255	42.959	nq	92
52) Acenaphthene	9.87	154	1070381	38.952	nq	99
53) 3-Nitroaniline	9.78	138	241161	27.783	nq	98
54) 2,4-Dinitrophenol	9.90	184	266042	80.525	nq	93
55) Dibenzofuran	10.05	168	1661122	42.762	nq	99
56) 4-Nitrophenol	9.95	139	510417	79.060	nq	96
57) 2,4-Dinitrotoluene	10.02	165	422292	43.196	nq	# 88
58) Fluorene	10.39	166	1274078	42.463	nq	99
59) 2,3,4,6-Tetrachlorophenol	10.16	232	375327	45.104	nq	97
60) Diethylphthalate	10.26	149	1380210	42.186	nq	99
61) 4-Chlorophenyl-phenylether	10.38	204	672310	43.652	nq	95
62) 4-Nitroaniline	10.40	138	335991	39.353	nq	97
63) Azobenzene	10.54	77	1101216	39.729	nq	98
65) 4,6-Dinitro-2-methylphenol	10.44	198	198360	43.903	nq	95
66) n-Nitrosodiphenylamine	10.50	169	1156449	39.980	nq	100
67) 4-Bromophenyl-phenylether	10.88	248	440520	40.542	nq	92
68) Hexachlorobenzene	10.95	284	477284	40.179	nq	93
69) Atrazine	11.03	200	384045	Below	Cal	99
70) Pentachlorophenol	11.14	266	520903	80.514	nq	100
71) Phenanthrene	11.36	178	1989460	41.316	nq	100
72) Anthracene	11.41	178	2001061	40.373	nq	100
73) Carbazole	11.56	167	1826522	40.921	nq	99
74) Di-n-butylphthalate	11.90	149	2233286	39.528	nq	99
75) Fluoranthene	12.56	202	2209072	42.724	nq	97
77) Benzidine	12.67	184	854674	30.646	nq	98
78) Pyrene	12.79	202	2175762	37.241	nq	100
80) Butylbenzylphthalate	13.41	149	900754	33.553	nq	96
81) Benzo(a)anthracene	13.99	228	1920723	38.939	nq	99
82) 3,3'-Dichlorobenzidine	13.95	252	682447	34.425	nq	99
83) Chrysene	14.03	228	1900984	39.251	nq	100
84) Bis(2-ethylhexyl)phthalate	13.98	149	1278085	39.660	nq	99
85) Di-n-octyl phthalate	14.60	149	2221241	37.190	nq	98
86) Indeno(1,2,3-cd)pyrene	16.97	276	2020439	34.224	nq	95
88) Benzo(b)fluoranthene	15.05	252	2030826	42.511	nq	98
89) Benzo(k)fluoranthene	15.08	252	1981114	47.541	nq	97
90) Benzo(a)pyrene	15.42	252	1943247	44.704	nq	98
91) Dibenzo(a,h)anthracene	16.99	278	1667715	41.150	nq	97
92) Benzo(g,h,i)perylene	17.43	276	1692305	40.624	nq	95

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



#1

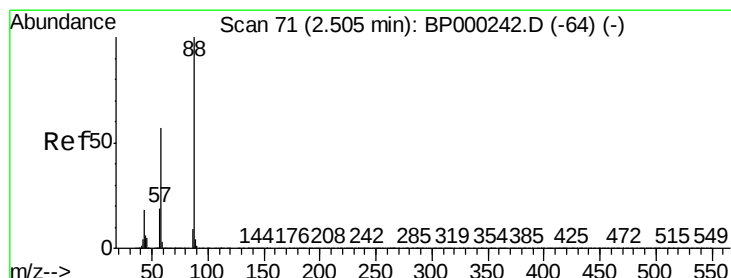
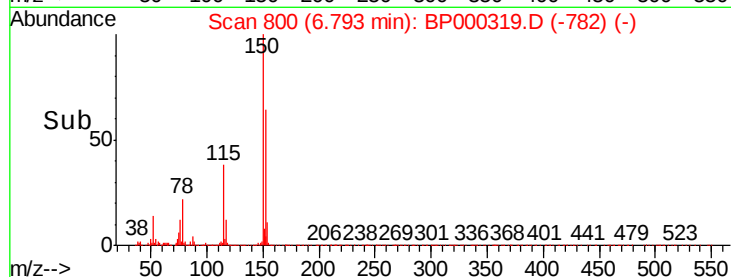
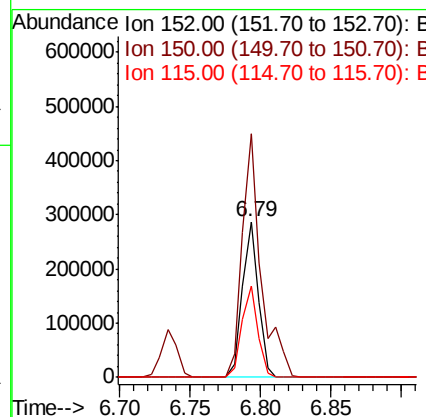
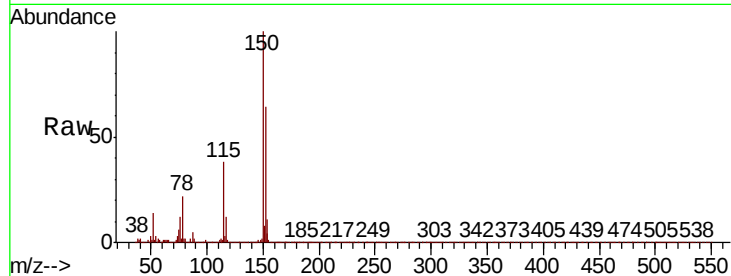
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.79 min Scan# 800
Delta R.T. 0.01 min
Lab File: BP000319.D
Acq: 19 Sep 2019 10:41

Instrument :
BNA_P
ClientSampleId :
PB123199BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.3	125.2	187.8
115	58.8	49.7	74.5

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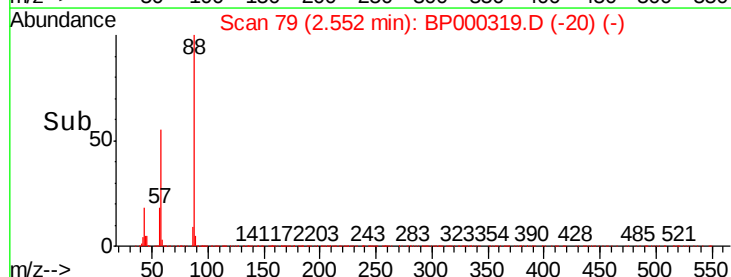
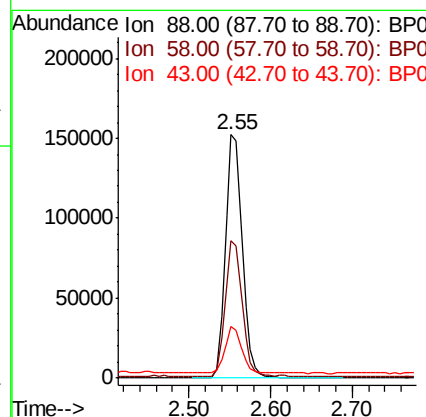
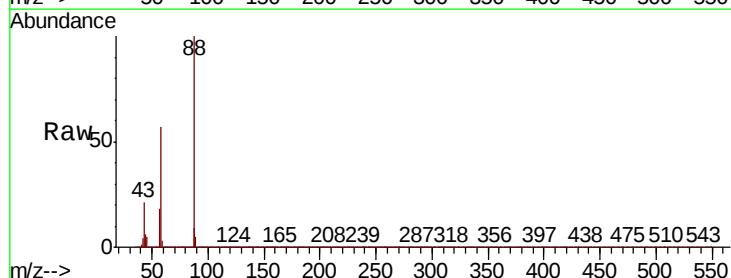
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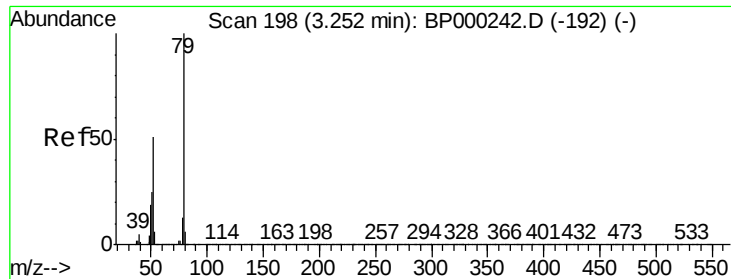


#2

1,4-Dioxane
Concen: 37.261 ng
RT: 2.55 min Scan# 79
Delta R.T. 0.05 min
Lab File: BP000319.D
Acq: 19 Sep 2019 10:41

Tgt Ion	Ratio	Lower	Upper
88	100		
58	55.6	45.4	68.2
43	18.9	15.0	22.6





#3

Pvridine

Concen: 31.448 ng

RT: 3.30 min Scan# 206

Delta R.T. 0.05 min

Lab File: BP000319.D

Acq: 19 Sep 2019 10:41

Instrument :

BNA_P

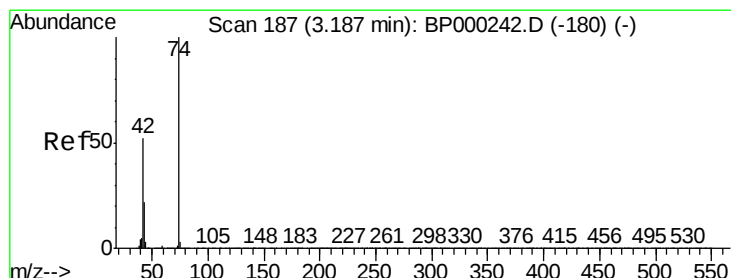
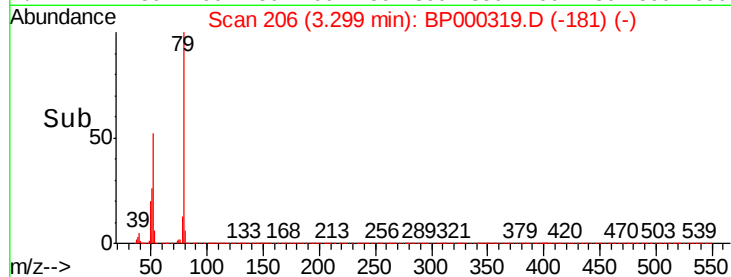
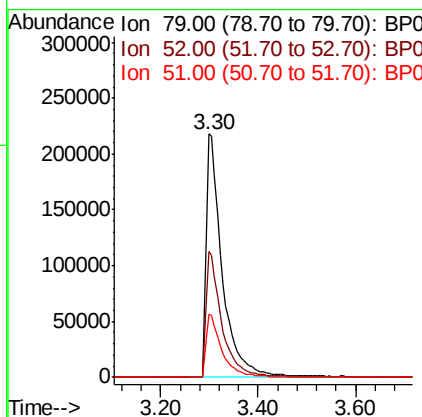
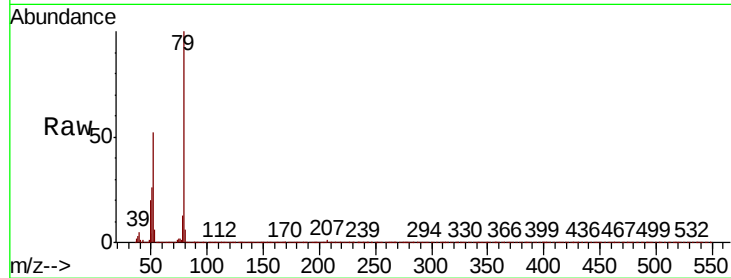
ClientSampleId :

PB123199BS

Tot Ion:	79	Resp:	497751
Ion Ratio	Lower	Upper	
79	100		
52	51.5	40.9	61.3
51	26.0	20.2	30.2

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#4

n-Nitrosodimethylamine

Concen: 36.526 ng

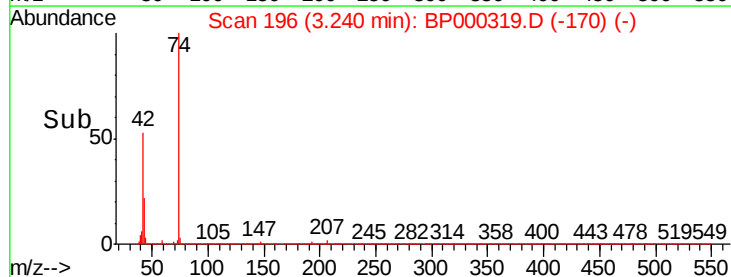
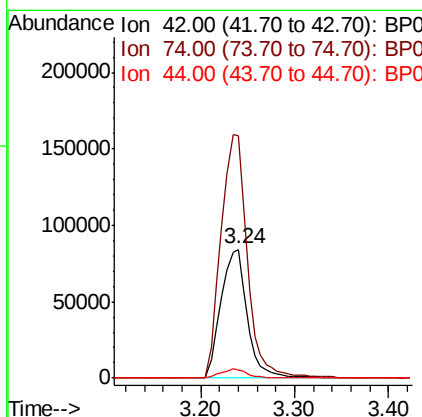
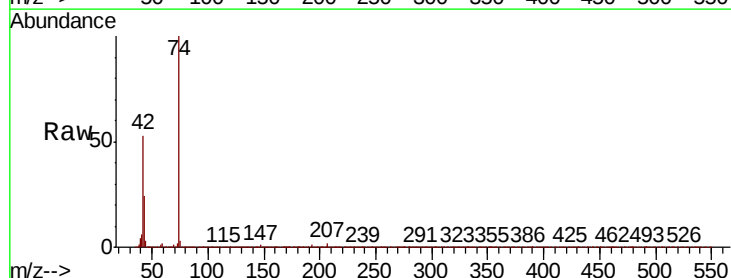
RT: 3.24 min Scan# 196

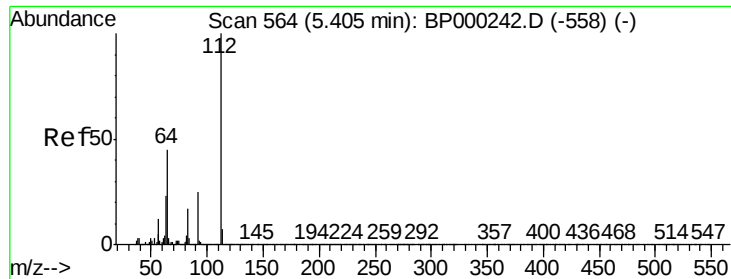
Delta R.T. 0.05 min

Lab File: BP000319.D

Acq: 19 Sep 2019 10:41

Tgt Ion:	42	Resp:	163019
Ion Ratio	Lower	Upper	
42	100		
74	188.9	154.5	231.7
44	6.5	5.9	8.9





#5

2-Fluorophenol

Concen: 104.586 ng

RT: 5.42 min Scan# 566

Delta R.T. 0.01 min

Lab File: BP000319.D

Acq: 19 Sep 2019 10:41

Instrument :

BNA_P

ClientSampleId :

PB123199BS

Tot Ion:112 Resp: 1362635

Ion Ratio Lower Upper

112 100

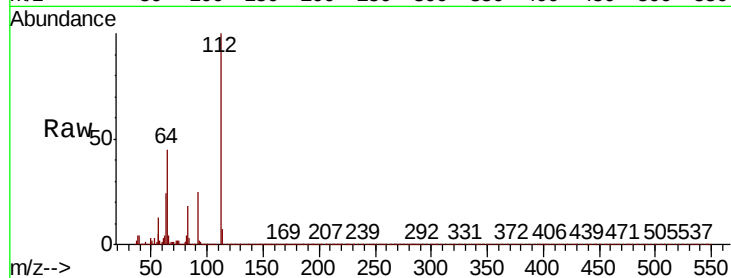
64 44.9 36.2 54.4

63 23.7 18.3 27.5

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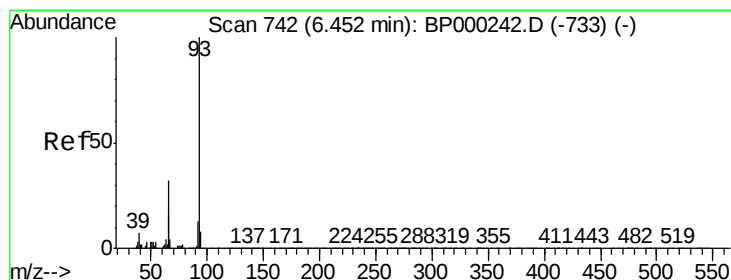
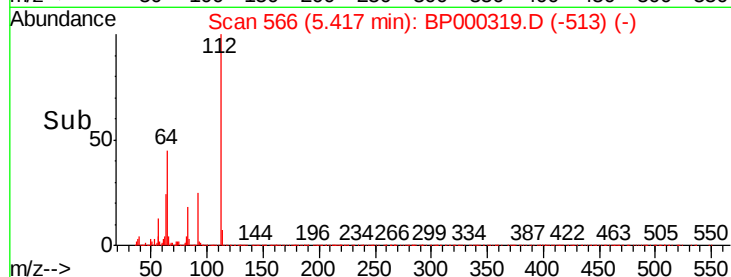
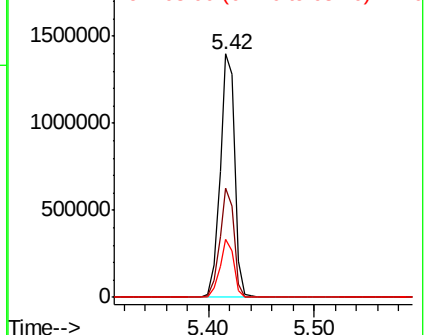
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Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BP0

Ion 63.00 (62.70 to 63.70): BP0



#6

Aniline

Concen: 29.295 ng

RT: 6.45 min Scan# 742

Delta R.T. 0.00 min

Lab File: BP000319.D

Acq: 19 Sep 2019 10:41

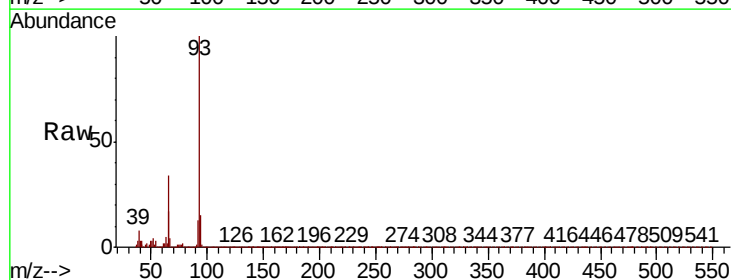
Tgt Ion: 93 Resp: 645065

Ion Ratio Lower Upper

93 100

66 34.1 26.2 39.2

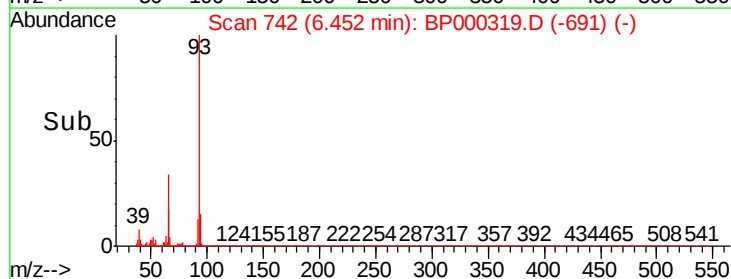
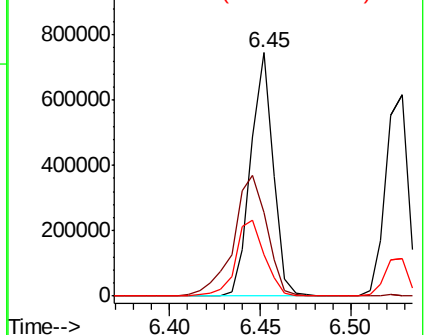
65 17.2 12.7 19.1

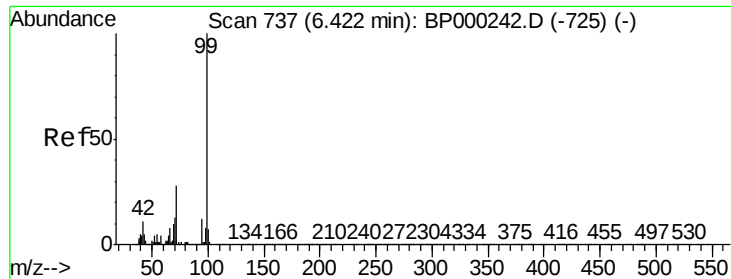


Abundance Ion 93.00 (92.70 to 93.70): BP0

Ion 66.00 (65.70 to 66.70): BP0

Ion 65.00 (64.70 to 65.70): BP0





#7

Phenol-d6

Concen: 102.900 ng

RT: 6.43 min Scan# 738

Delta R.T. 0.01 min

Lab File: BP000319.D

Acq: 19 Sep 2019 10:41

Instrument :

BNA_P

ClientSampleId :

PB123199BS

Tot Ion: 99 Resp: 1643372

Ion Ratio Lower Upper

99 100

42 11.4 8.5 12.7

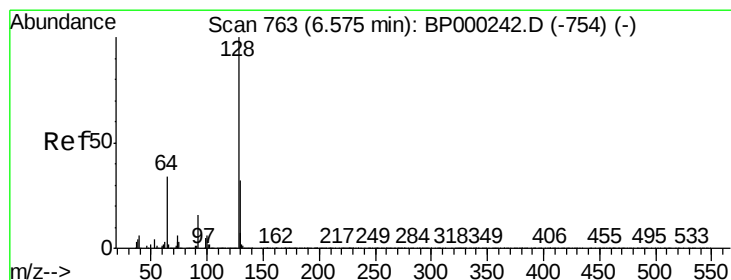
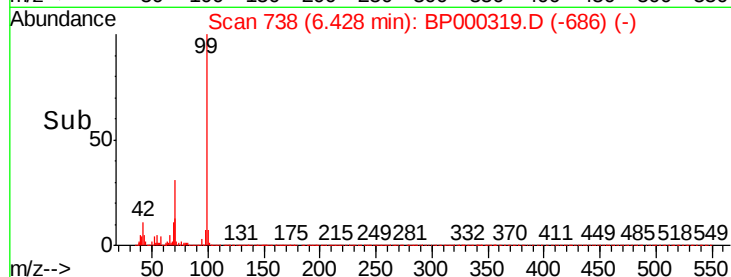
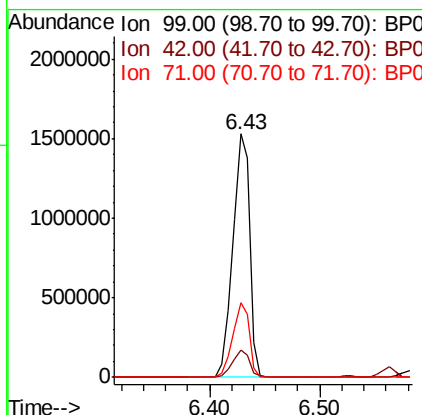
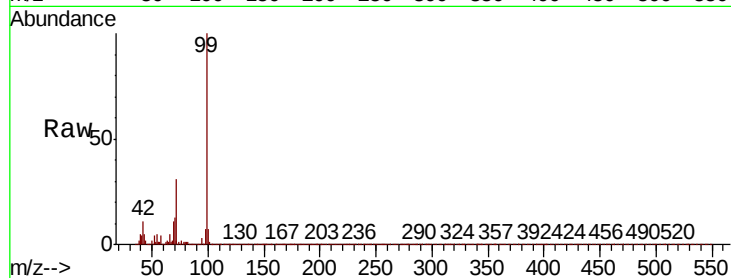
71 30.7 22.6 34.0

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#8

2-Chlorophenol

Concen: 42.101 ng

RT: 6.58 min Scan# 764

Delta R.T. 0.01 min

Lab File: BP000319.D

Acq: 19 Sep 2019 10:41

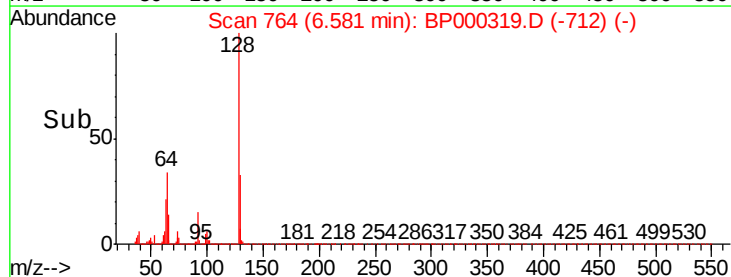
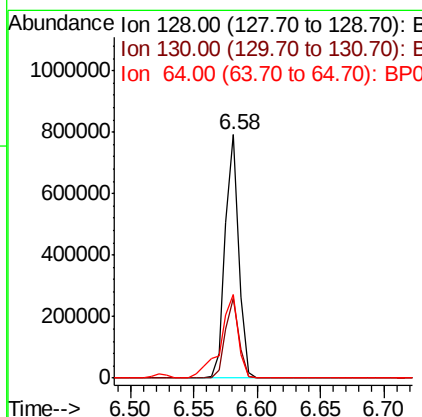
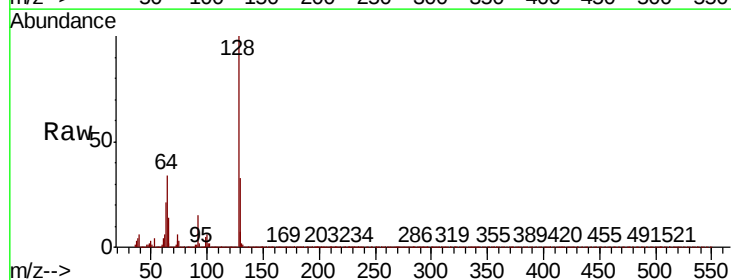
Tgt Ion: 128 Resp: 590662

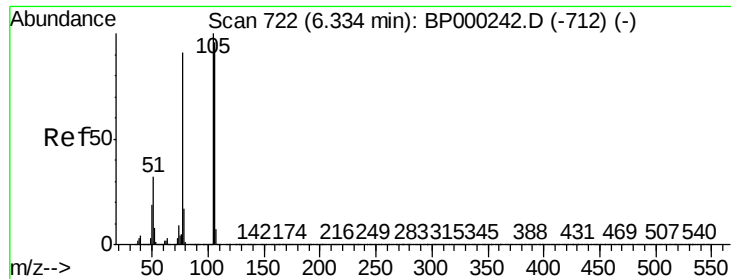
Ion Ratio Lower Upper

128 100

130 32.7 12.5 52.5

64 34.1 16.0 56.0





#9

Benzaldehyde

Concen: 35.132 ng

RT: 6.34 min Scan# 723

Delta R.T. 0.01 min

Lab File: BP000319.D

Acq: 19 Sep 2019 10:41

Instrument :

BNA_P

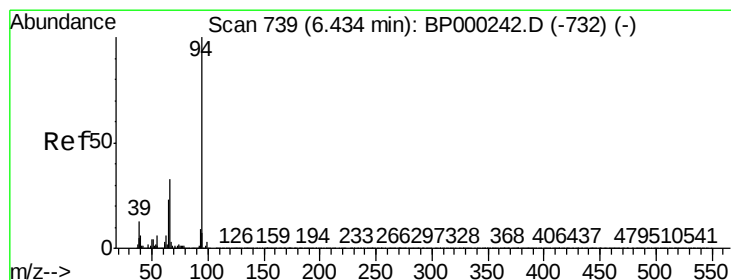
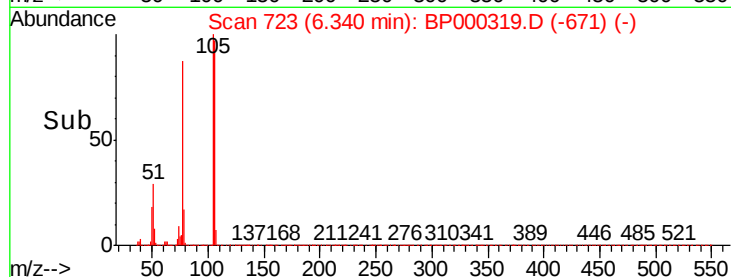
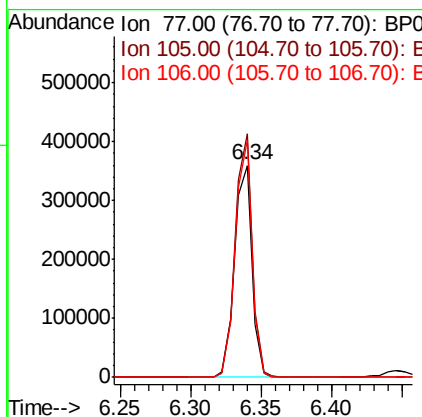
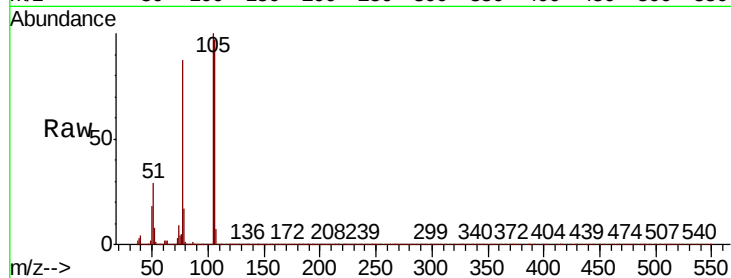
ClientSampled :

PB123199BS

Tot Ion:	77	Resp:	309467
Ion Ratio	Lower	Upper	
77	100		
105	115.0	89.6	129.6
106	111.8	84.6	124.6

Manual Integrations
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#10

Phenol

Concen: 38.934 ng

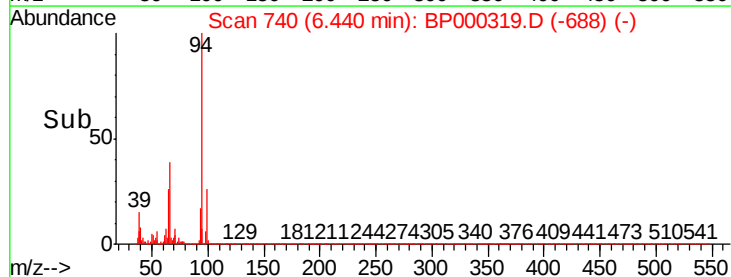
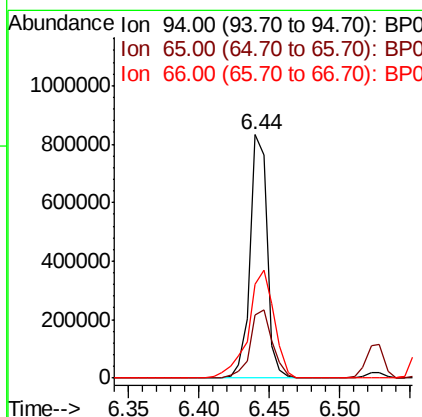
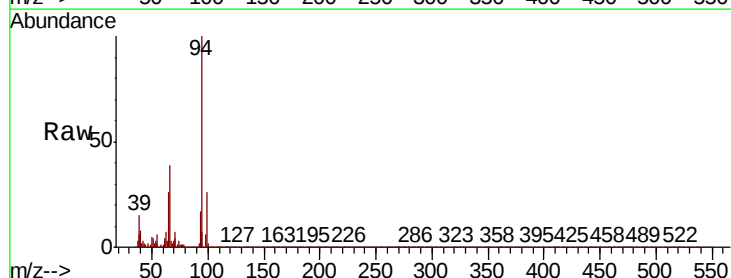
RT: 6.44 min Scan# 740

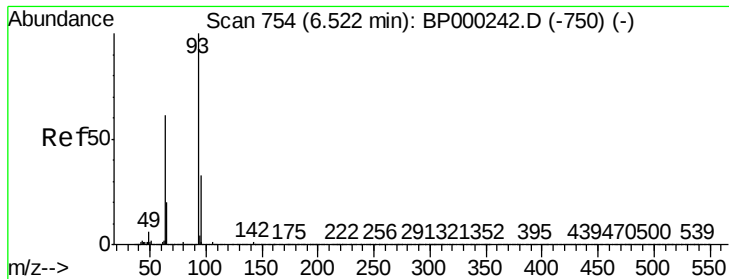
Delta R.T. 0.01 min

Lab File: BP000319.D

Acq: 19 Sep 2019 10:41

Tgt Ion:	94	Resp:	706466
Ion Ratio	Lower	Upper	
94	100		
65	25.8	3.3	43.3
66	38.5	12.7	52.7





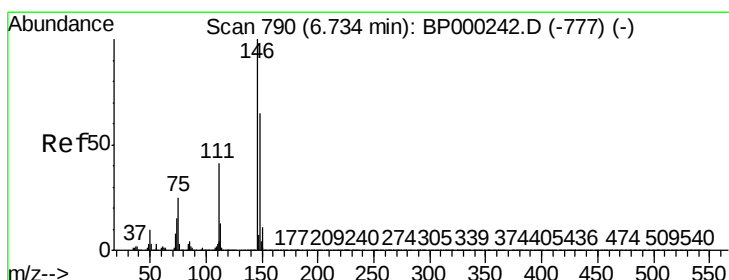
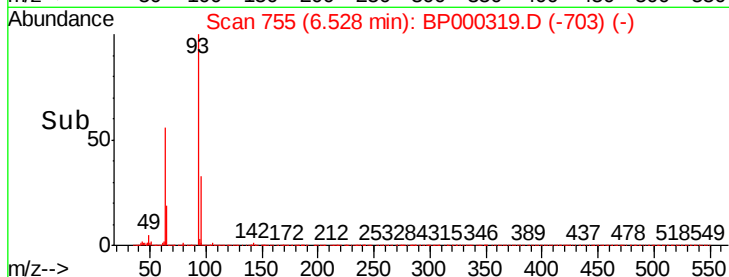
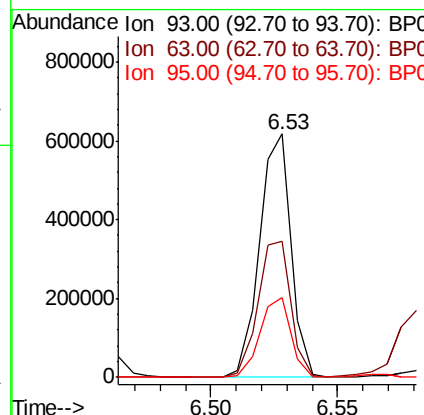
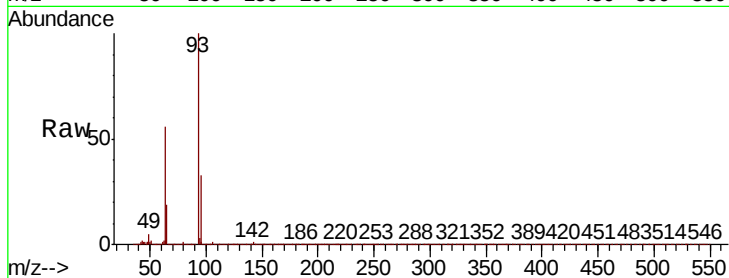
#11
bis(2-Chloroethyl)ether
Concen: 38.195 ng
RT: 6.53 min Scan# 755
Delta R.T. 0.01 min
Lab File: BP000319.D
Acq: 19 Sep 2019 10:41

Instrument :
BNA_P
ClientSampleId :
PB123199BS

Tot Ion:	93	Resp:	530722
Ion Ratio	Lower	Upper	
93	100		
63	55.8	41.0	81.0
95	32.8	12.7	52.7

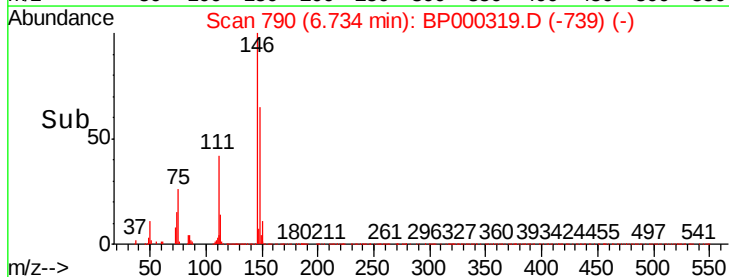
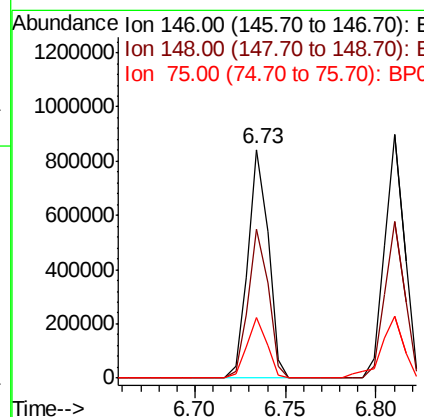
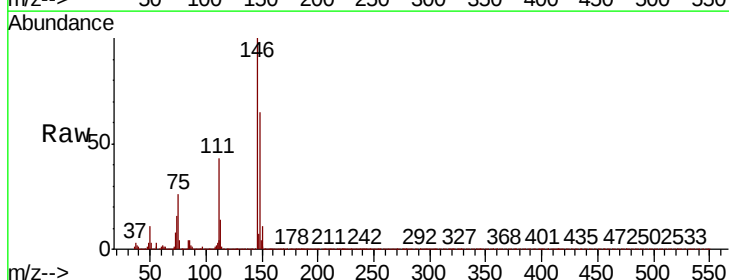
Manual Integrations
APPROVED

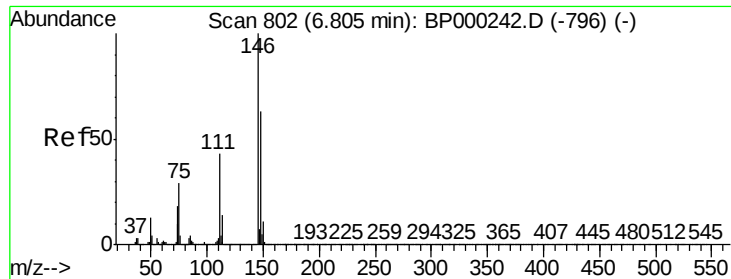
mohammad
9/20/2019 1:08:28 PM



#12
1,3-Dichlorobenzene
Concen: 39.211 ng
RT: 6.73 min Scan# 790
Delta R.T. 0.00 min
Lab File: BP000319.D
Acq: 19 Sep 2019 10:41

Tgt Ion:	146	Resp:	660154
Ion Ratio	Lower	Upper	
146	100		
148	65.3	52.1	78.1
75	26.5	20.2	30.4





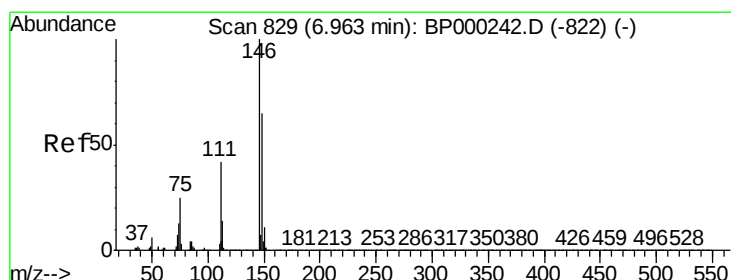
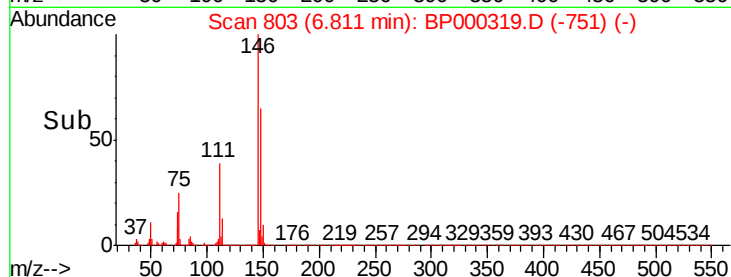
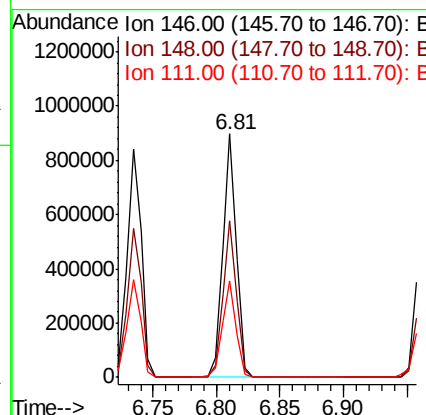
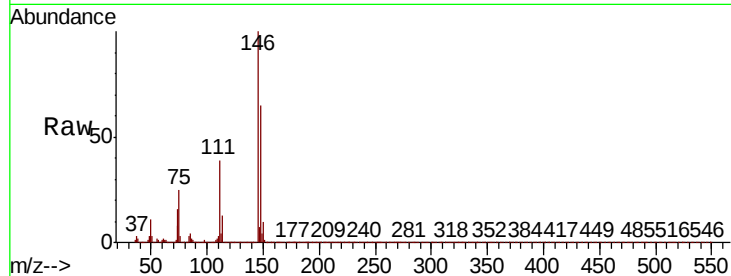
#13
1,4-Dichlorobenzene
Concen: 40.654 ng
RT: 6.81 min Scan# 803
Delta R.T. 0.01 min
Lab File: BP000319.D
Acq: 19 Sep 2019 10:41

Instrument :
BNA_P
ClientSampleId :
PB123199BS

Tot Ion	Ratio	Lower	Upper
146	100		
148	64.5	50.7	76.1
111	39.5	34.1	51.1

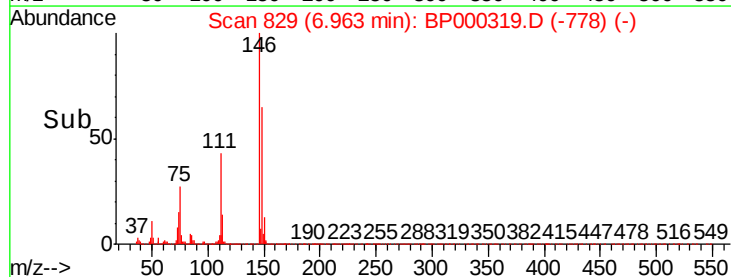
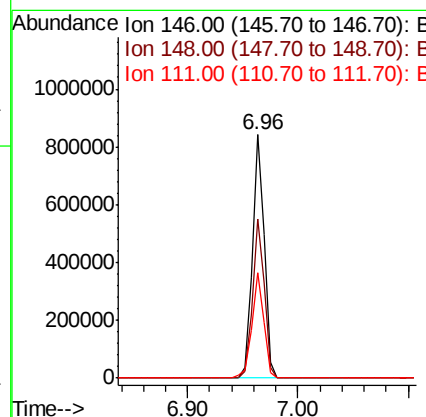
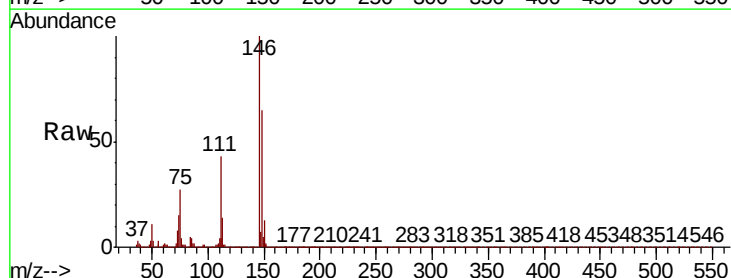
Manual Integrations
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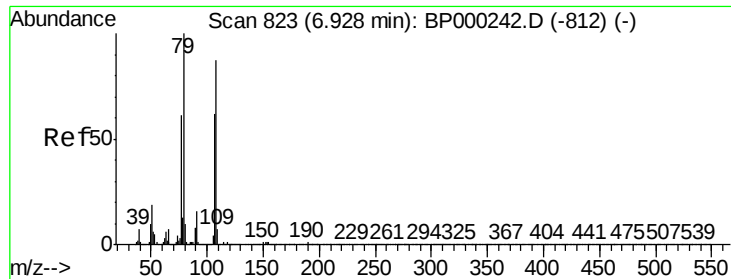
mohammad
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#14
1,2-Dichlorobenzene
Concen: 41.035 ng
RT: 6.96 min Scan# 829
Delta R.T. 0.00 min
Lab File: BP000319.D
Acq: 19 Sep 2019 10:41

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.4	51.7	77.5
111	43.4	33.4	50.2





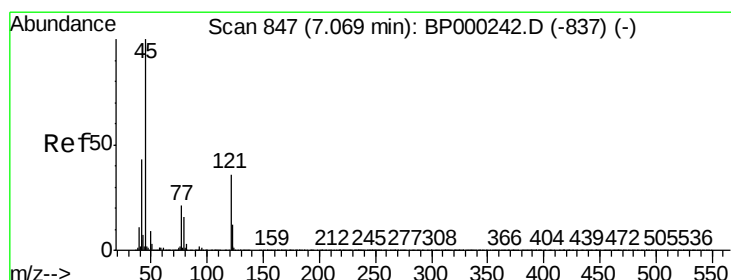
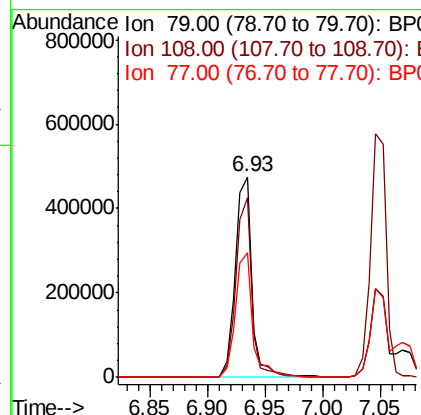
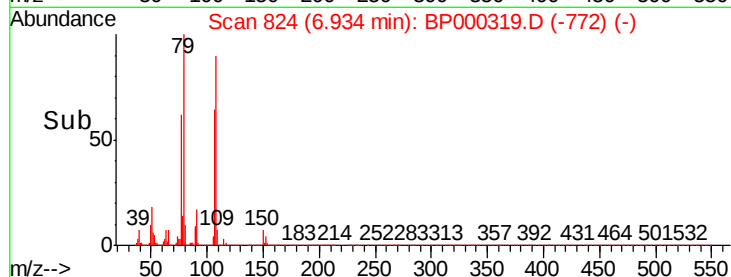
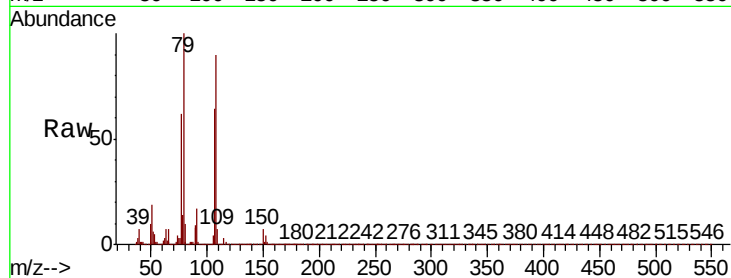
#15
Benzyl Alcohol
Concen: 40.797 ng
RT: 6.93 min Scan# 824
Delta R.T. 0.01 min
Lab File: BP000319.D
Acq: 19 Sep 2019 10:41

Instrument :
BNA_P
ClientSampleId :
PB123199BS

Tot Ion	Ratio	Lower	Upper
79	100		
108	89.5	69.2	103.8
77	61.9	48.7	73.1

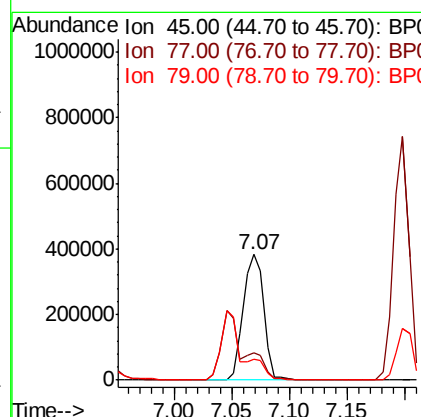
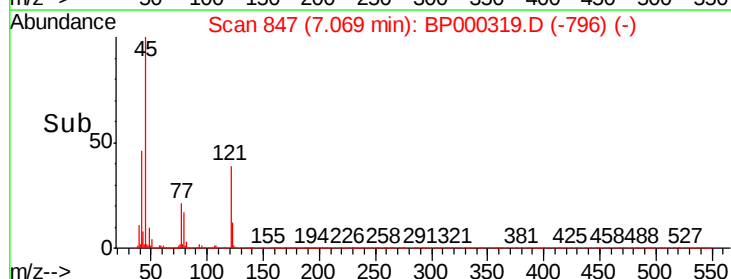
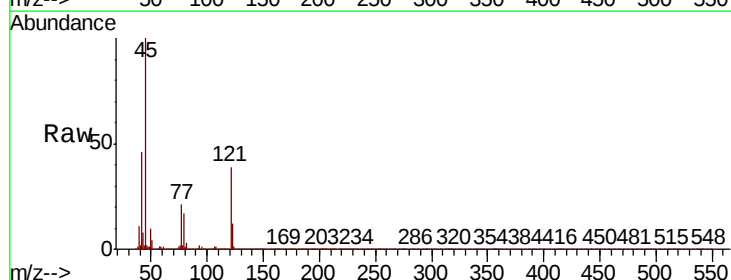
Manual Integrations
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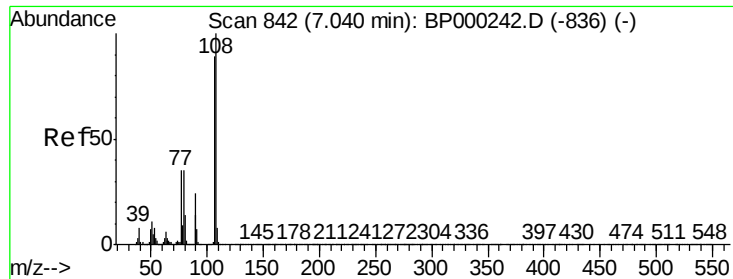
mohammad
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 35.545 ng
RT: 7.07 min Scan# 847
Delta R.T. 0.00 min
Lab File: BP000319.D
Acq: 19 Sep 2019 10:41

Tgt Ion	Ratio	Lower	Upper
45	100		
77	21.5	0.7	40.7
79	16.9	0.0	36.4





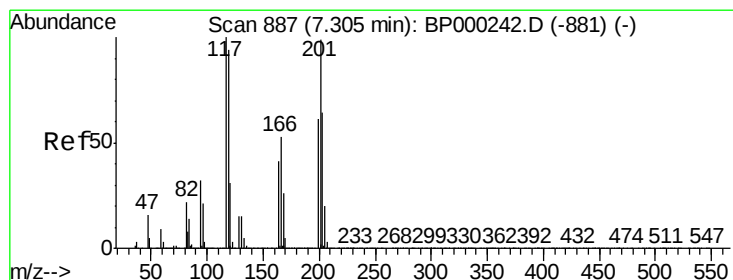
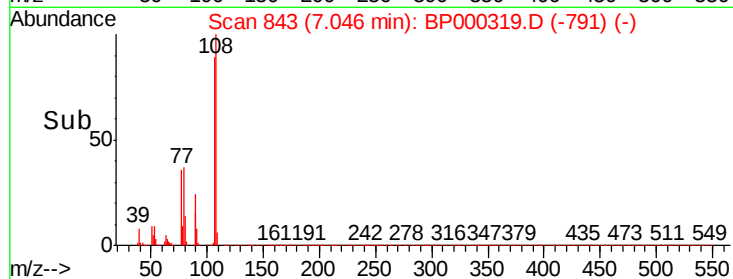
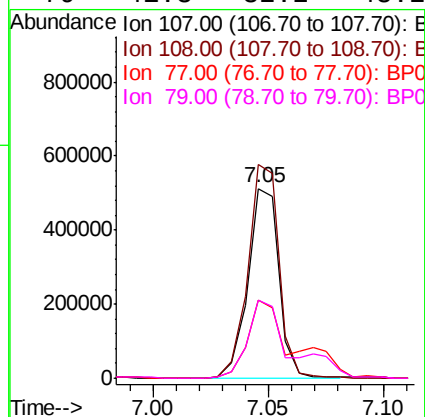
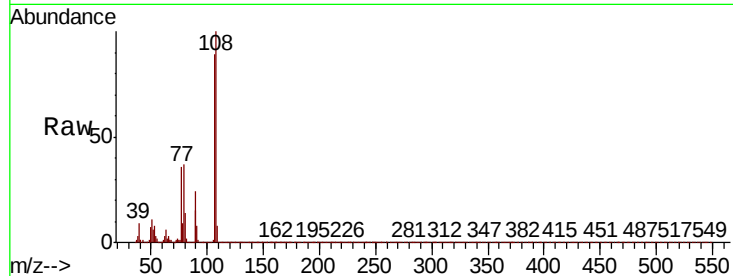
#17
2-Methylphenol
Concen: 40.033 ng
RT: 7.05 min Scan# 843
Delta R.T. 0.01 min
Lab File: BP000319.D
Acq: 19 Sep 2019 10:41

Instrument :
BNA_P
ClientSampleId :
PB123199BS

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	112.4	90.1	135.1	
77	41.0	31.5	47.3	
79	41.3	32.2	48.2	

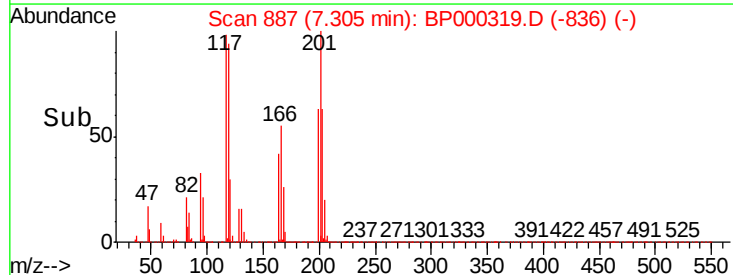
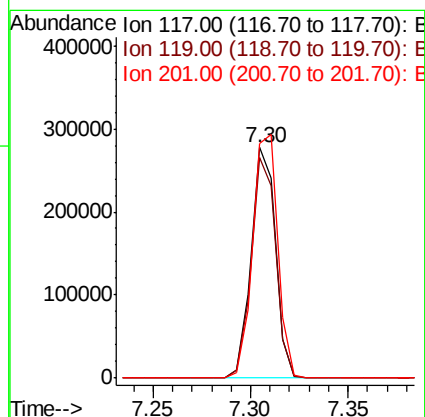
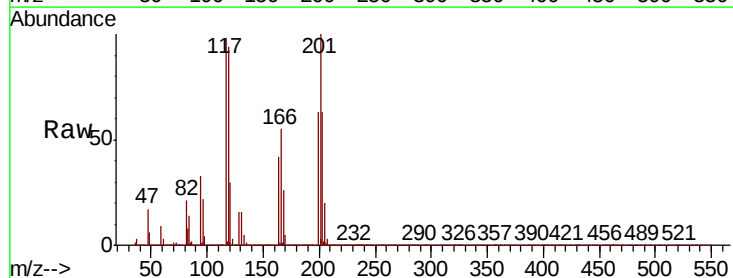
Manual Integrations
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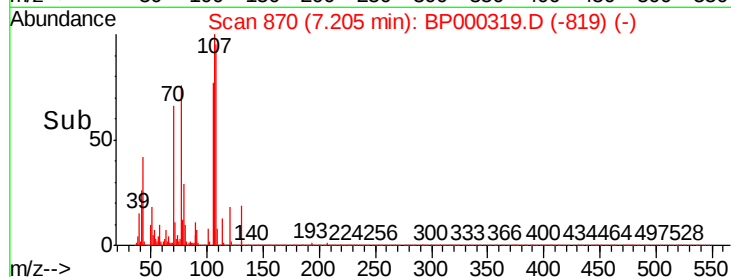
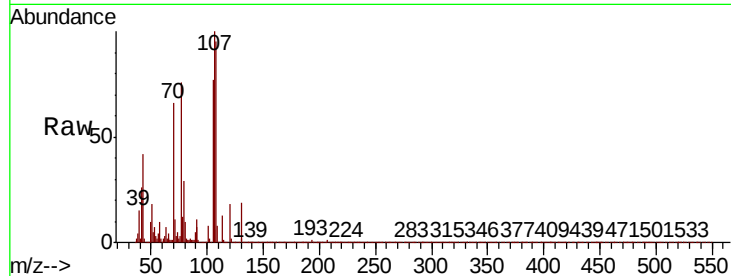
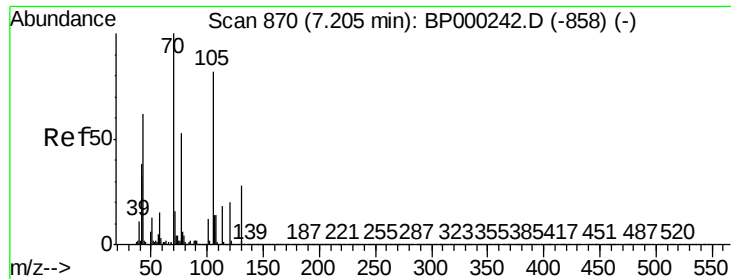
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#18
Hexachloroethane
Concen: 38.643 ng
RT: 7.30 min Scan# 887
Delta R.T. 0.00 min
Lab File: BP000319.D
Acq: 19 Sep 2019 10:41

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	95.6	75.6	113.4	
201	101.6	79.4	119.2	





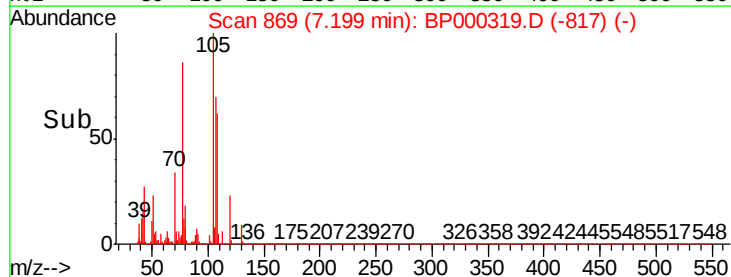
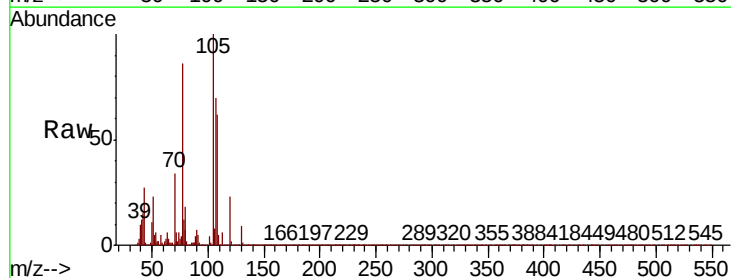
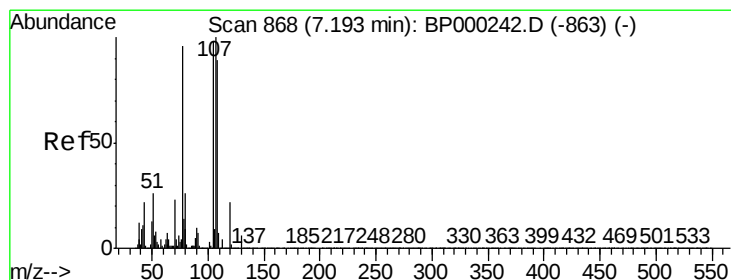
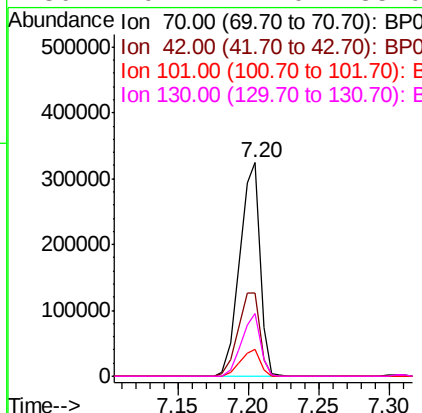
#19
n-Nitroso-di-n-propylamine
Concen: 38.266 ng
RT: 7.20 min Scan# 870
Delta R.T. 0.00 min
Lab File: BP000319.D
Acq: 19 Sep 2019 10:41

Instrument :
BNA_P
ClientSampleId :
PB123199BS

Manual Integrations
APPROVED

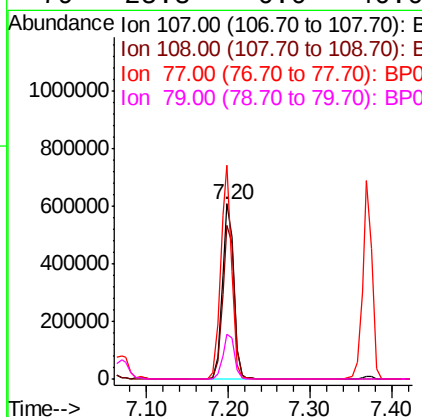
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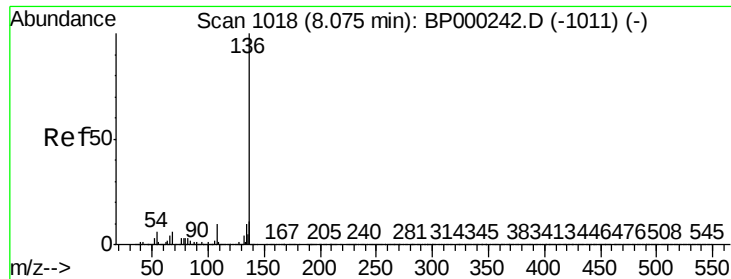
Tot Ion	Ion	Ratio	Resp	Lower	Upper
70	100				
42	39.2	30.7	46.1		
101	12.3	9.6	14.4		
130	29.2	22.0	33.0		



#20
3+4-Methylphenols
Concen: 40.668 ng
RT: 7.20 min Scan# 869
Delta R.T. 0.01 min
Lab File: BP000319.D
Acq: 19 Sep 2019 10:41

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100				
108	87.9	68.8	108.8		
77	122.2	75.7	115.7#		
79	25.8	6.0	46.0		





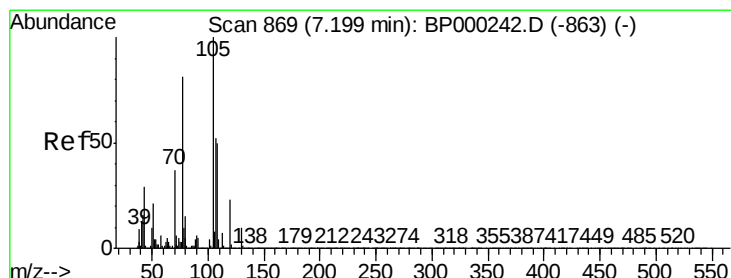
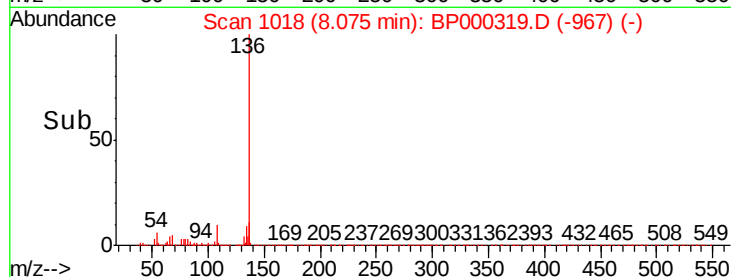
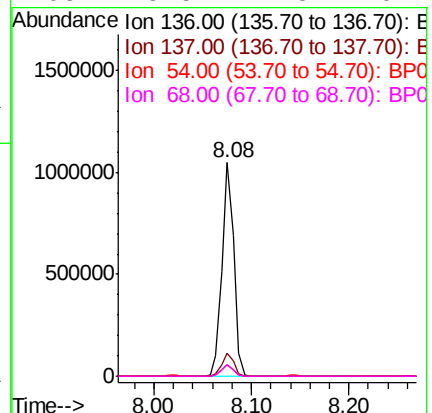
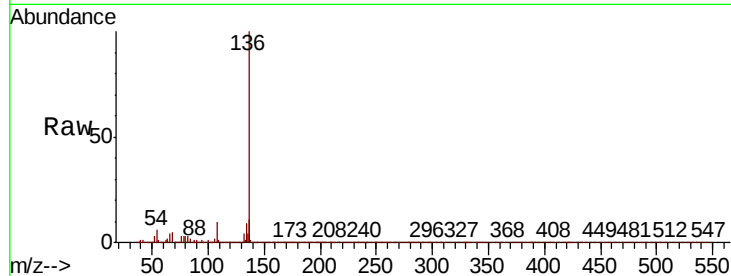
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.08 min Scan# 1018
Delta R.T. 0.00 min
Lab File: BP000319.D
Acq: 19 Sep 2019 10:41

Instrument :
BNA_P
ClientSampleId :
PB123199BS

Tot Ion	Ratio	Resp	Lower	Upper
136	100	879371		
137	11.1	8.6	13.0	
54	5.6	4.5	6.7	
68	5.5	4.5	6.7	

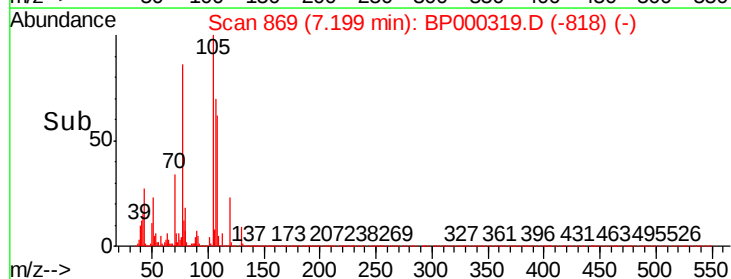
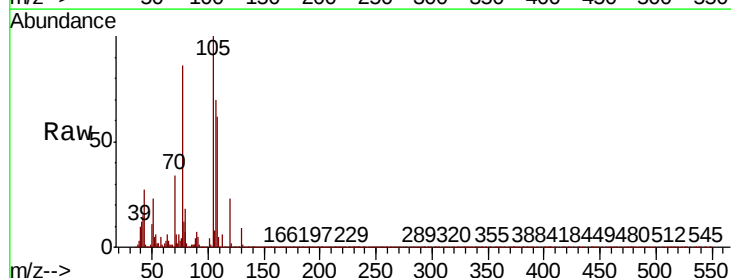
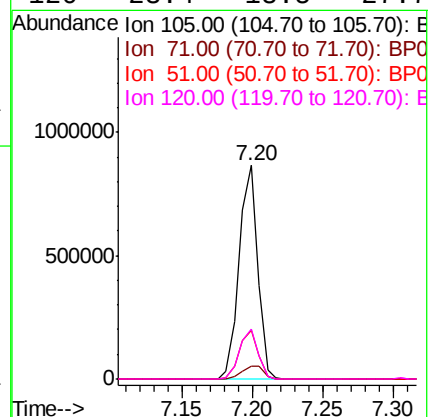
Manual Integrations
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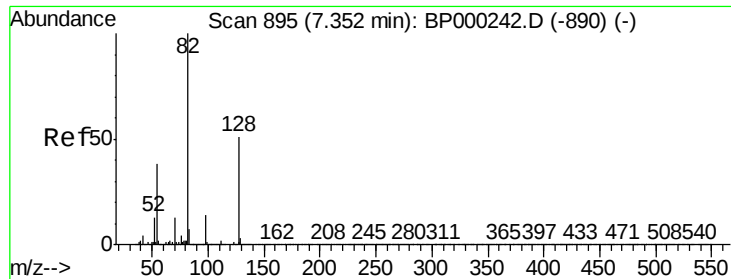
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#22
Acetophenone
Concen: 41.453 ng
RT: 7.20 min Scan# 869
Delta R.T. 0.00 min
Lab File: BP000319.D
Acq: 19 Sep 2019 10:41

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	789962		
71	5.7	5.2	7.8	
51	22.6	16.6	24.8	
120	23.4	18.5	27.7	





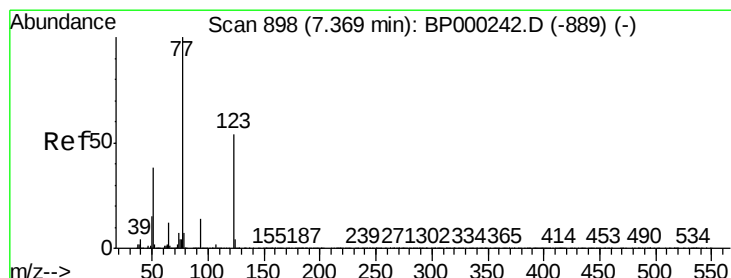
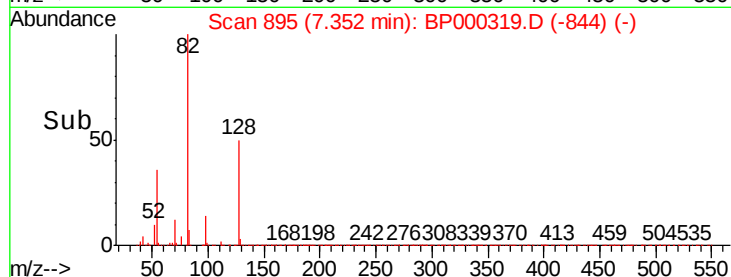
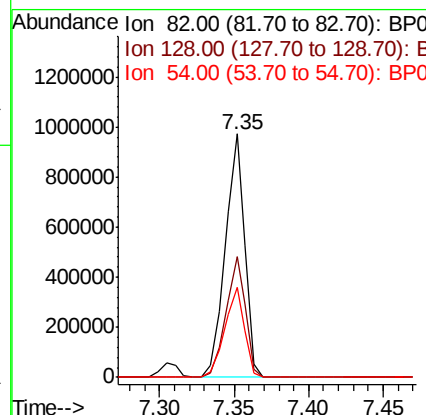
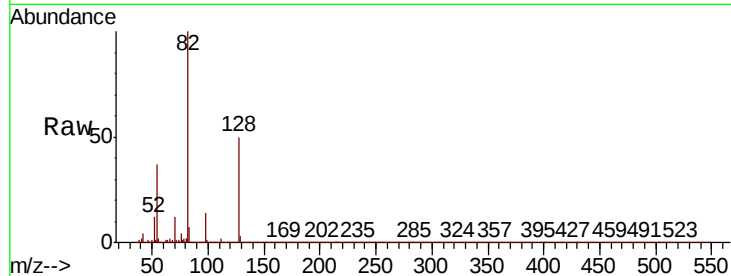
#23
Nitrobenzene-d5
Concen: 65.693 ng
RT: 7.35 min Scan# 895
Delta R.T. 0.00 min
Lab File: BP000319.D
Acq: 19 Sep 2019 10:41

Instrument :
BNA_P
ClientSampleId :
PB123199BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
82	82	100			
128	128	49.7		40.7	61.1
54	54	37.0		30.1	45.1

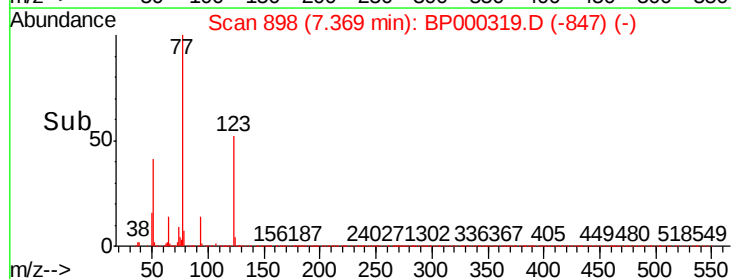
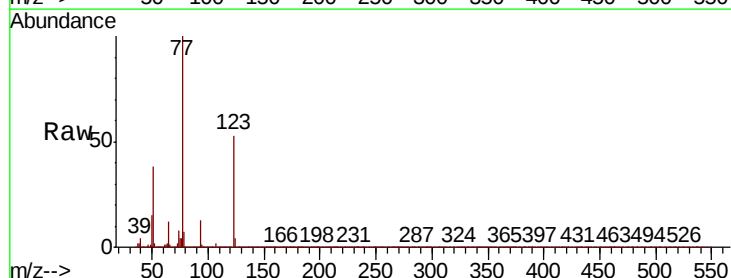
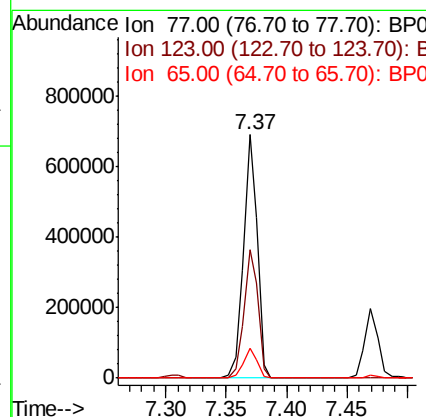
Manual Integrations
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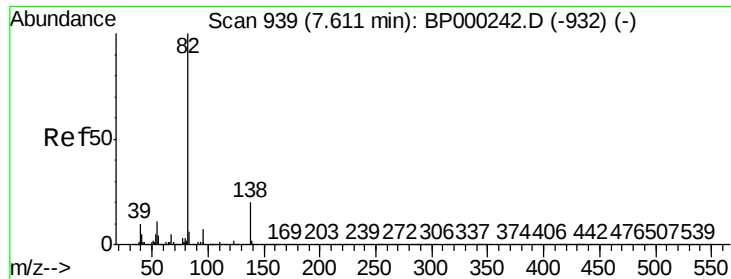
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#24
Nitrobenzene
Concen: 38.962 ng
RT: 7.37 min Scan# 898
Delta R.T. 0.00 min
Lab File: BP000319.D
Acq: 19 Sep 2019 10:41

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
77	77	100			
123	123	52.6		43.1	64.7
65	65	12.2		9.4	14.2





#25

Isophorone

Concen: 38.513 ng

RT: 7.61 min Scan# 939

Delta R.T. 0.00 min

Lab File: BP000319.D

Acq: 19 Sep 2019 10:41

Instrument :

BNA_P

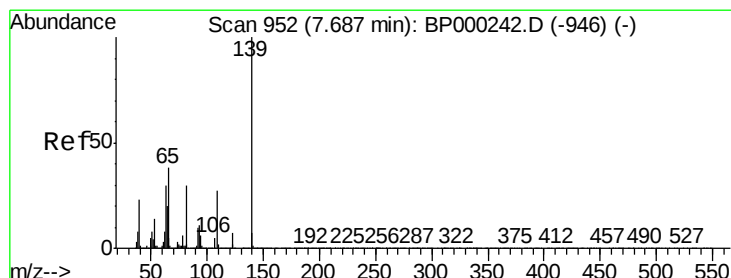
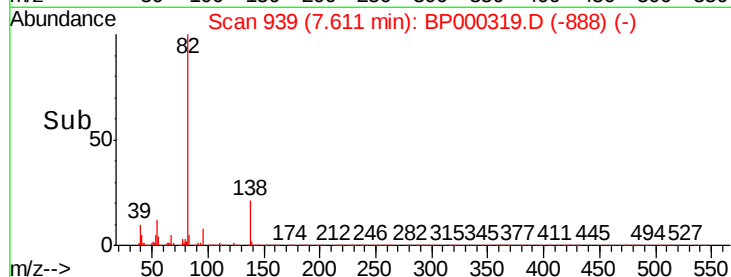
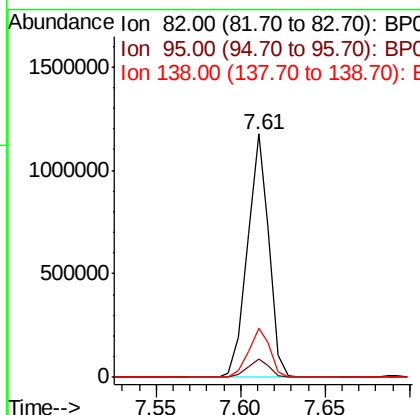
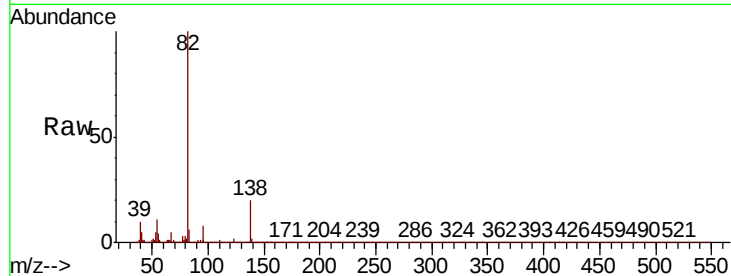
ClientSampleId :

PB123199BS

Tot Ion:	82	Resp:	1039390
Ion	Ratio	Lower	Upper
82	100		
95	7.6	5.9	8.9
138	19.9	15.9	23.9

Manual Integrations
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#26

2-Nitrophenol

Concen: 41.612 ng

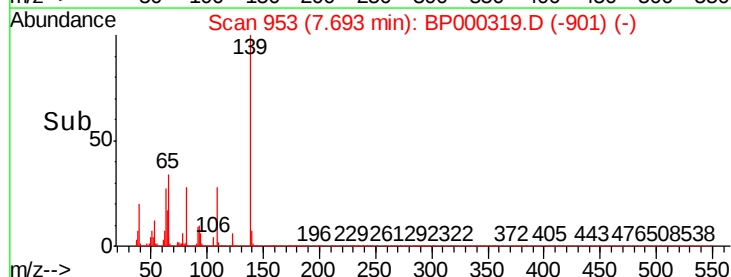
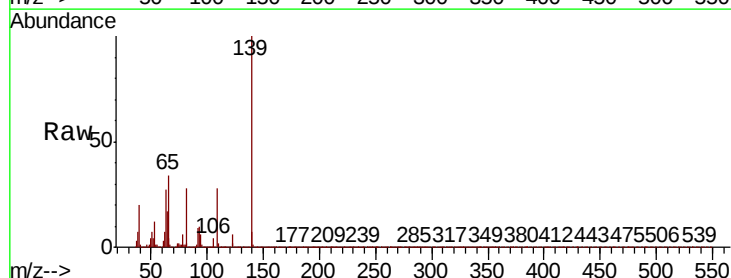
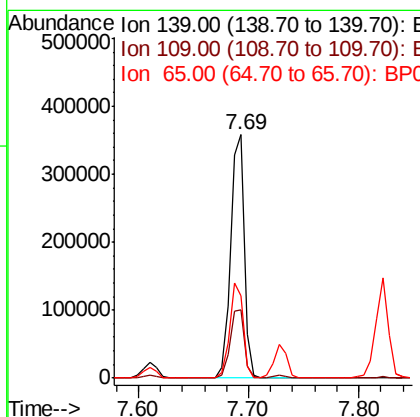
RT: 7.69 min Scan# 953

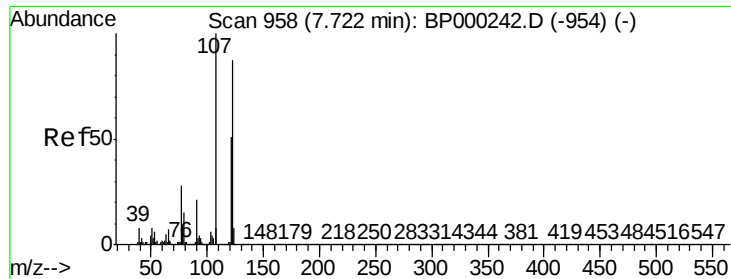
Delta R.T. 0.01 min

Lab File: BP000319.D

Acq: 19 Sep 2019 10:41

Tgt Ion:	139	Resp:	312299
Ion	Ratio	Lower	Upper
139	100		
109	28.0	21.8	32.6
65	34.1	30.5	45.7





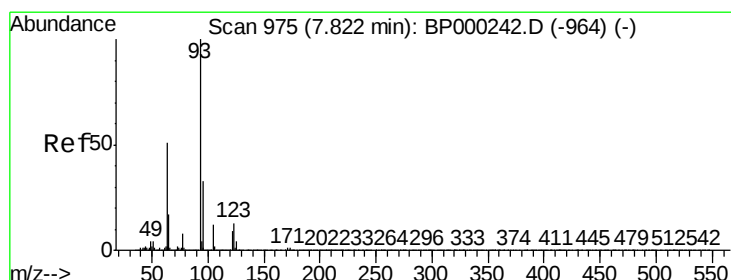
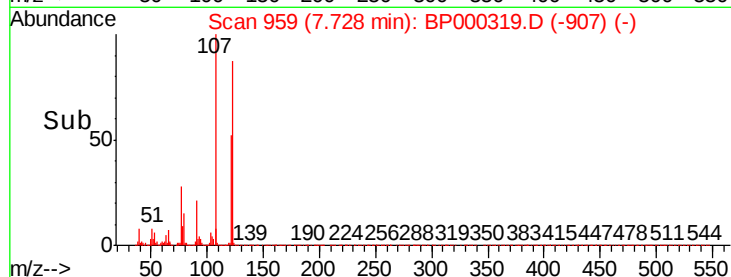
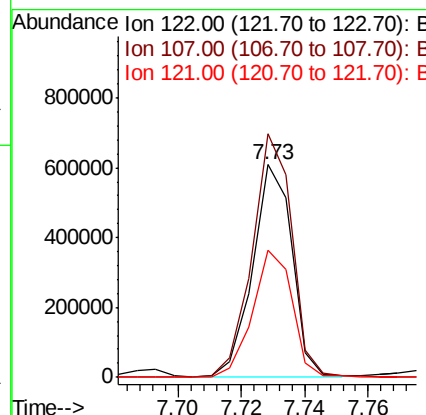
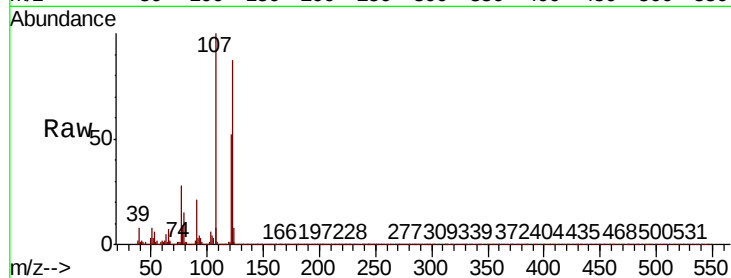
#27
2,4-Dimethylphenol
Concen: 44.138 ng
RT: 7.73 min Scan# 959
Delta R.T. 0.01 min
Lab File: BP000319.D
Acq: 19 Sep 2019 10:41

Instrument :
BNA_P
ClientSampleId :
PB123199BS

Tot Ion	Ratio	Resp Lower	Upper
122	100		
107	114.7	91.5	137.3
121	59.8	46.9	70.3

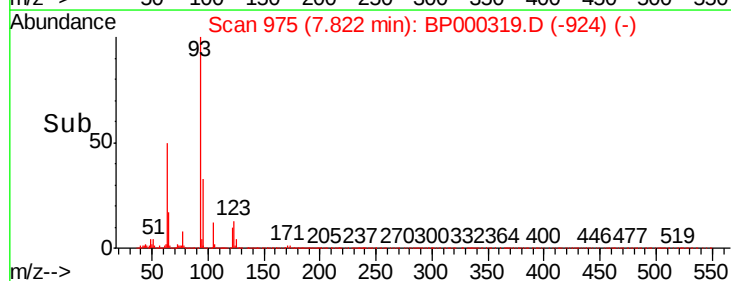
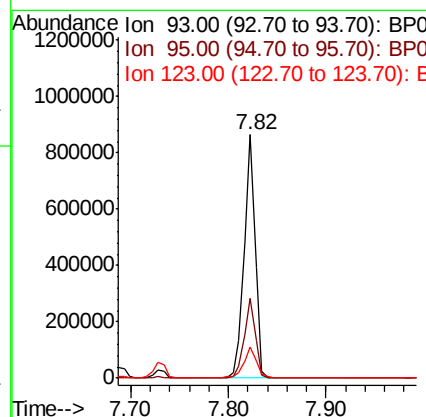
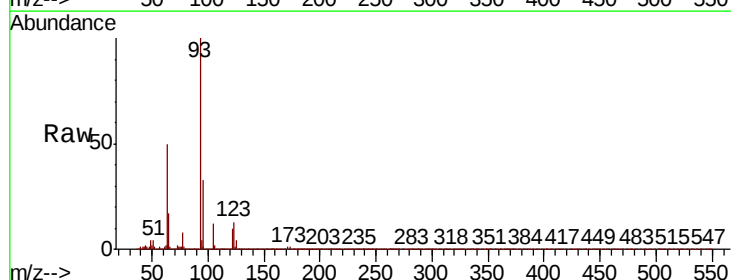
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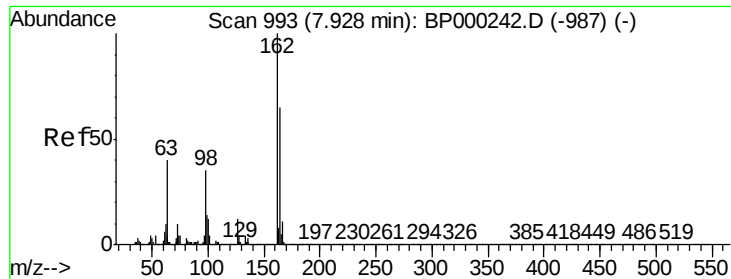
mohammad
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#28
bis(2-Chloroethoxy)methane
Concen: 37.913 ng
RT: 7.82 min Scan# 975
Delta R.T. 0.00 min
Lab File: BP000319.D
Acq: 19 Sep 2019 10:41

Tgt Ion	Ratio	Resp Lower	Upper
93	100		
95	32.7	26.2	39.4
123	12.8	10.2	15.2





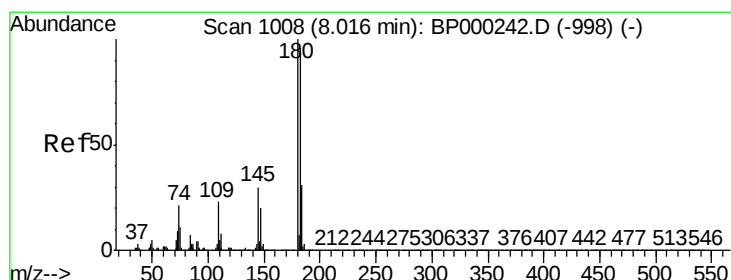
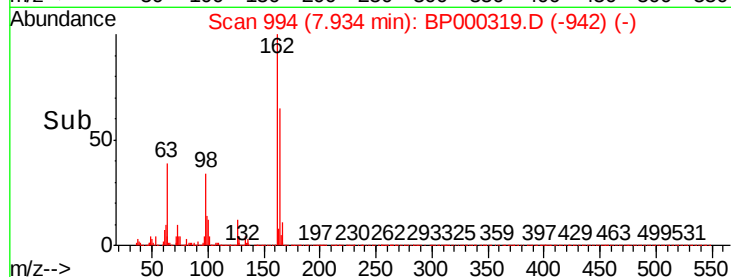
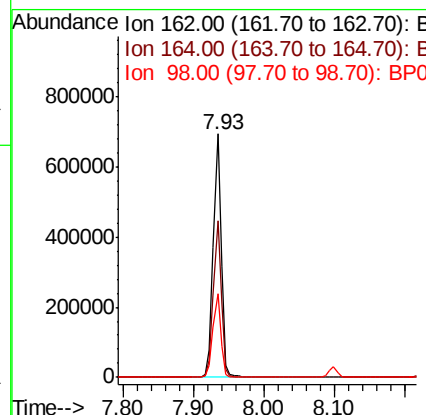
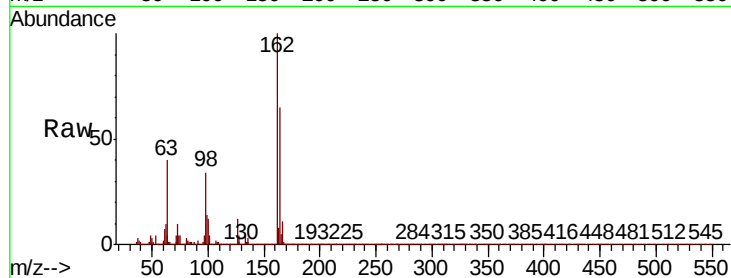
#29
2,4-Dichlorophenol
Concen: 42.133 ng
RT: 7.93 min Scan# 994
Delta R.T. 0.01 min
Lab File: BP000319.D
Acq: 19 Sep 2019 10:41

Instrument :
BNA_P
ClientSampleId :
PB123199BS

Tot Ion	Ratio	Resp Lower	Upper
162	100		
164	64.6	44.5	84.5
98	34.3	15.2	55.2

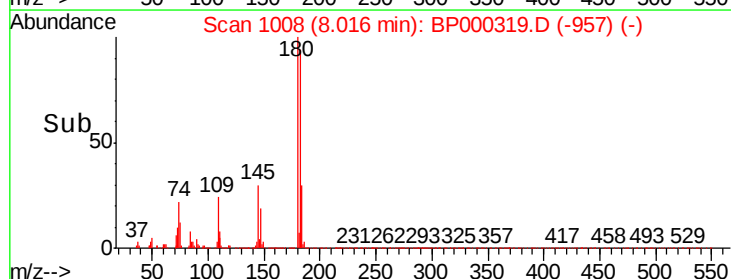
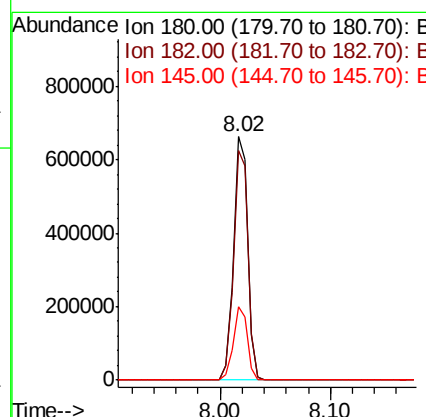
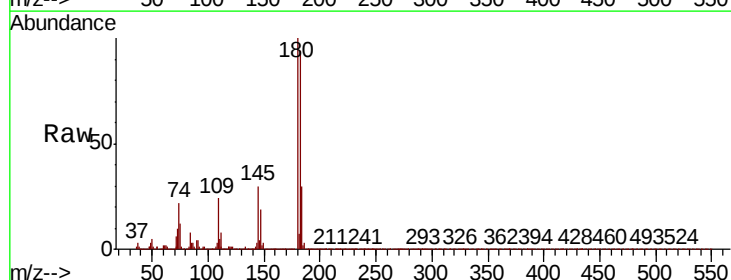
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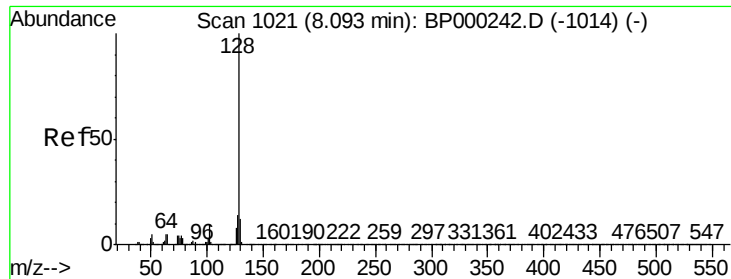
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#30
1,2,4-Trichlorobenzene
Concen: 40.602 ng
RT: 8.02 min Scan# 1008
Delta R.T. 0.00 min
Lab File: BP000319.D
Acq: 19 Sep 2019 10:41

Tgt Ion	Ratio	Resp Lower	Upper
180	100		
182	94.5	77.2	115.8
145	29.9	24.3	36.5





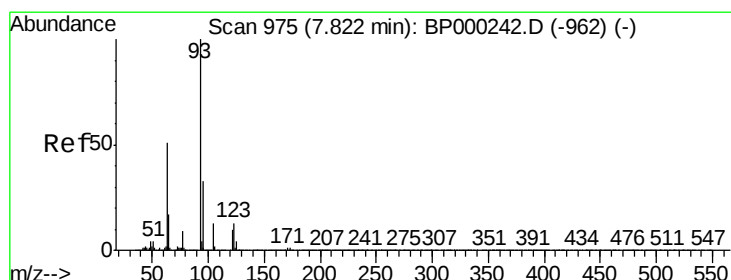
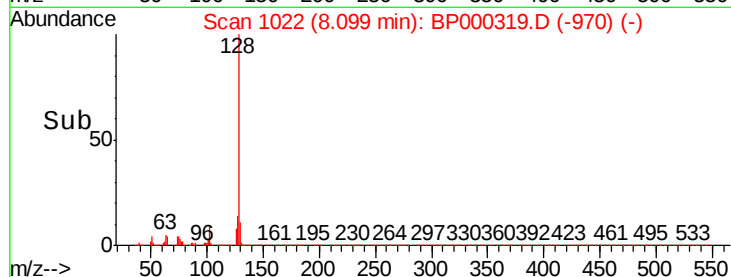
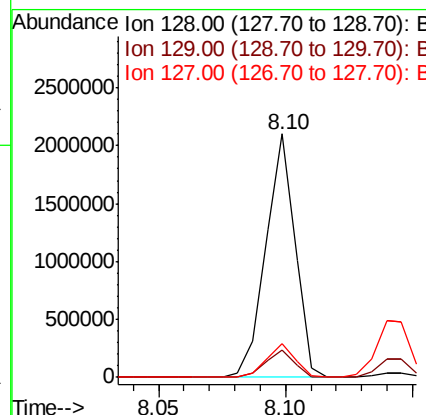
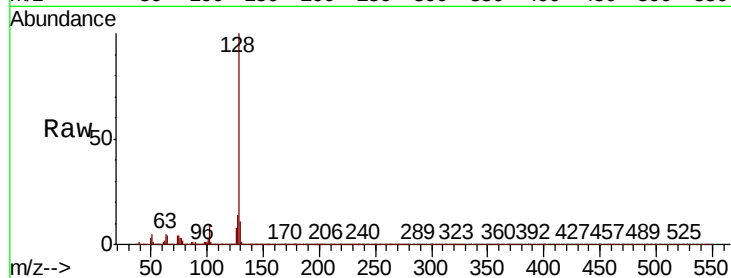
#31
Naphthalene
Concen: 41.738 ng
RT: 8.10 min Scan# 1022
Delta R.T. 0.01 min
Lab File: BP000319.D
Acq: 19 Sep 2019 10:41

Instrument :
BNA_P
ClientSampleId :
PB123199BS

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.2	9.2	13.8
127	13.6	11.0	16.6

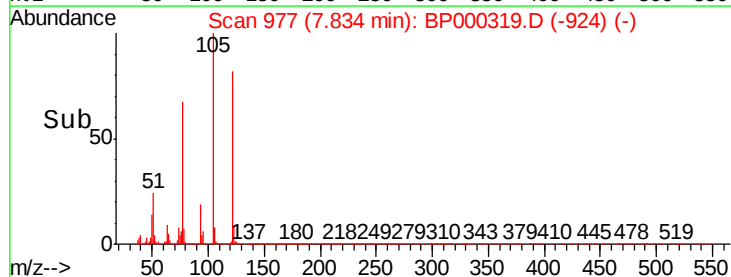
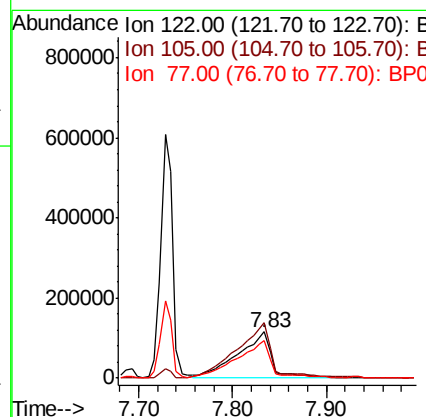
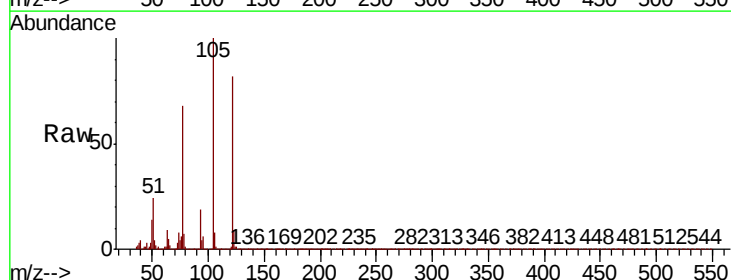
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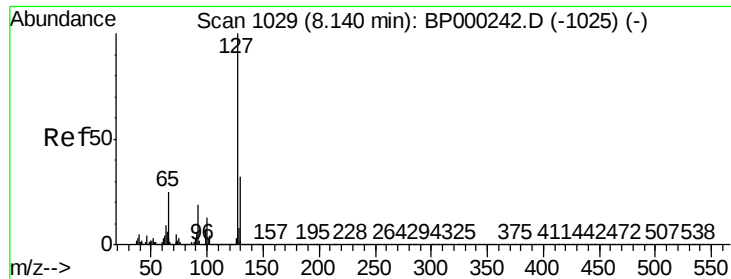
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#32
Benzoic acid
Concen: 35.039 ng
RT: 7.83 min Scan# 977
Delta R.T. 0.01 min
Lab File: BP000319.D
Acq: 19 Sep 2019 10:41

Tgt Ion	Ratio	Lower	Upper
122	100		
105	121.6	105.4	145.4
77	82.2	65.3	105.3





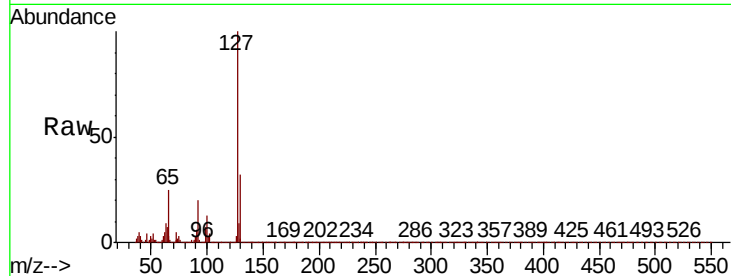
#33
4-Chloroaniline
Concen: 25.615 ng
RT: 8.14 min Scan# 1029
Delta R.T. 0.00 min
Lab File: BP000319.D
Acq: 19 Sep 2019 10:41

Instrument :
BNA_P
ClientSampleId :
PB123199BS

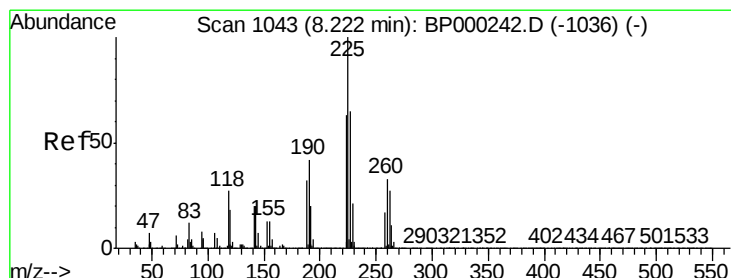
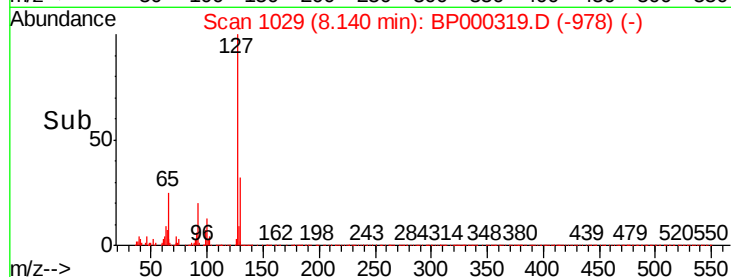
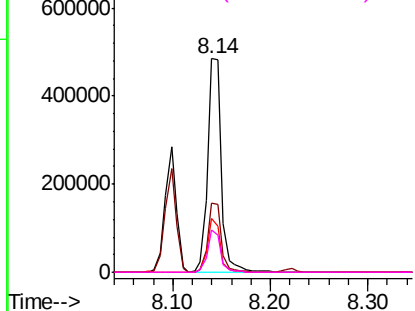
Tot Ion	Ratio	Resp	Lower	Upper
127	100			
129	32.4	25.7	38.5	
65	25.2	19.9	29.9	
92	19.6	15.4	23.0	

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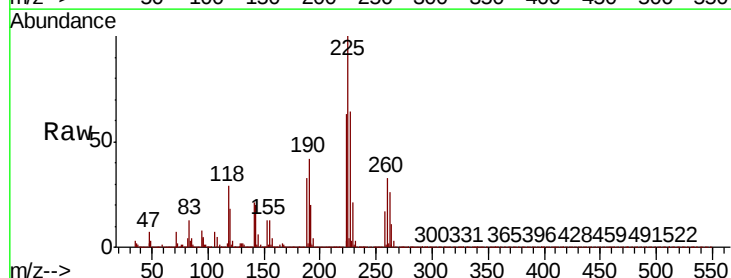


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BP0
Ion 92.00 (91.70 to 92.70): BP0

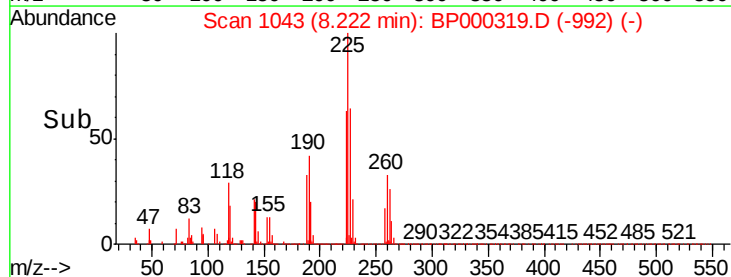
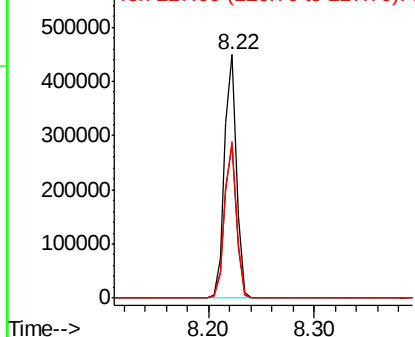


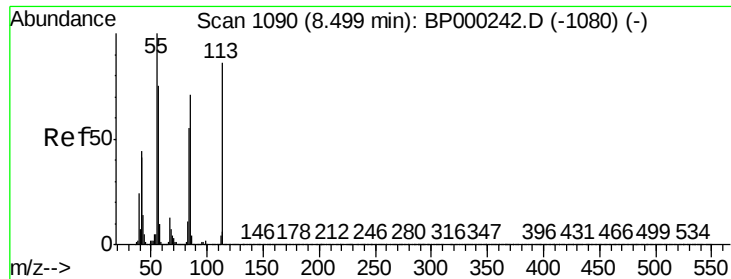
#34
Hexachlorobutadiene
Concen: 41.181 ng
RT: 8.22 min Scan# 1043
Delta R.T. 0.00 min
Lab File: BP000319.D
Acq: 19 Sep 2019 10:41

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	62.6	50.2	75.2	
227	64.4	51.8	77.6	



Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E





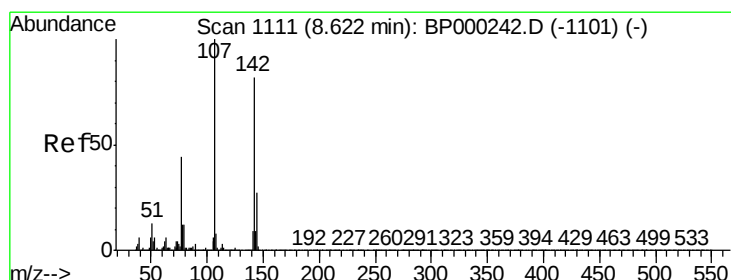
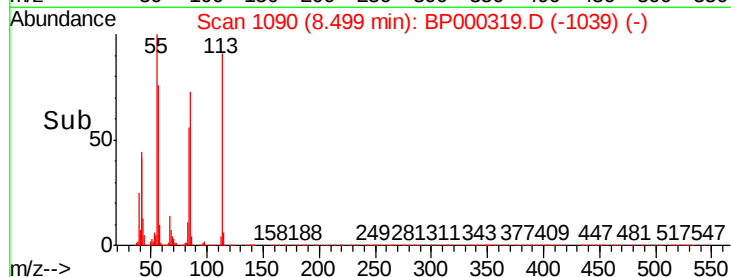
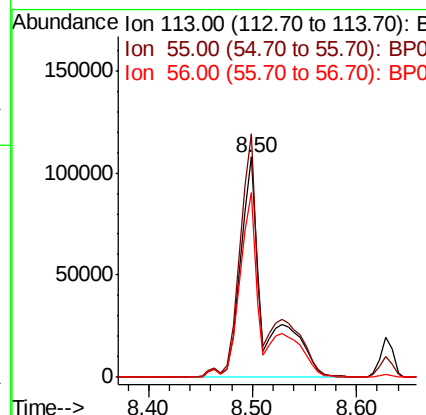
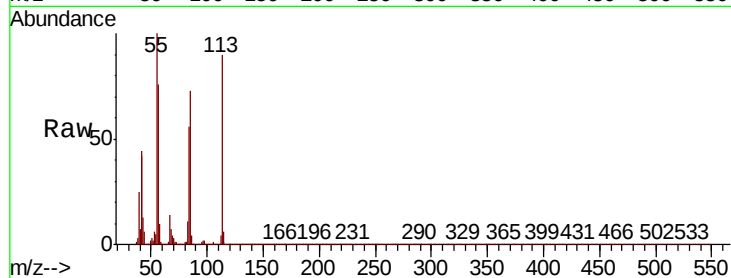
#35
Caprolactam
Concen: 40.301 ng/ml
RT: 8.50 min Scan# 1090
Delta R.T. 0.00 min
Lab File: BP000319.D
Acq: 19 Sep 2019 10:41

Instrument :
BNA_P
ClientSampleId :
PB123199BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
113	100		175654		
55	110.7	96.8	136.8		
56	84.1	67.5	107.5		

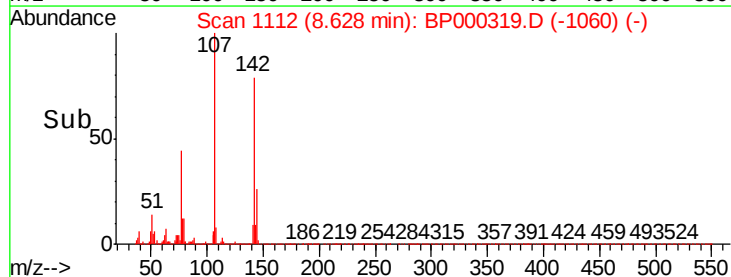
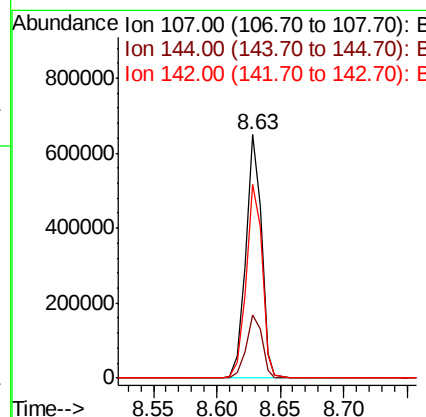
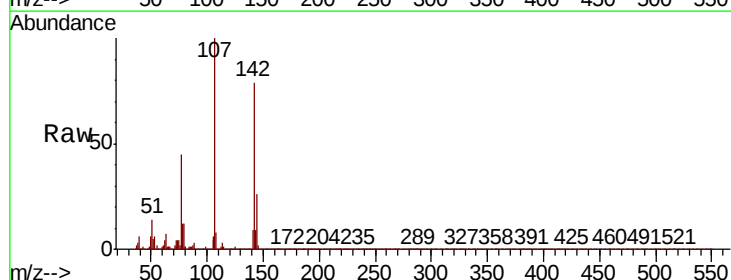
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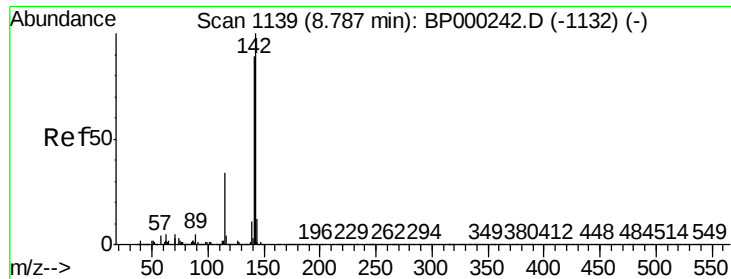
mohammad
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#36
4-Chloro-3-methylphenol
Concen: 42.144 ng/ml
RT: 8.63 min Scan# 1112
Delta R.T. 0.01 min
Lab File: BP000319.D
Acq: 19 Sep 2019 10:41

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100		548149		
144	25.9	21.5	32.3		
142	79.3	65.7	98.5		





#37

2-Methylnaphthalene

Concen: 42.786 ng

RT: 8.79 min Scan# 1140

Delta R.T. 0.01 min

Lab File: BP000319.D

Acq: 19 Sep 2019 10:41

Instrument :

BNA_P

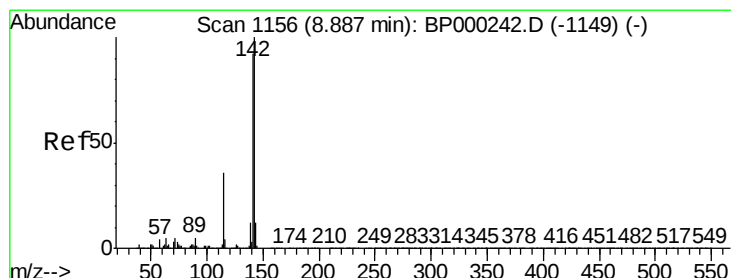
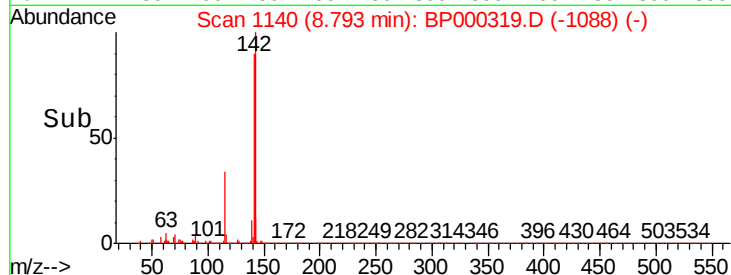
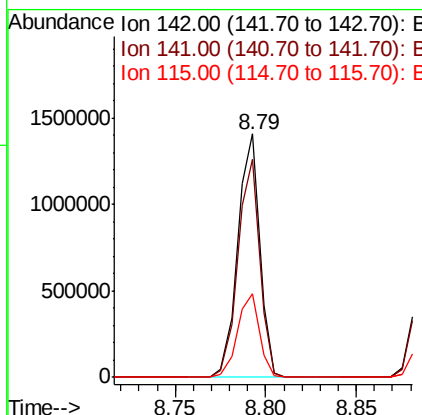
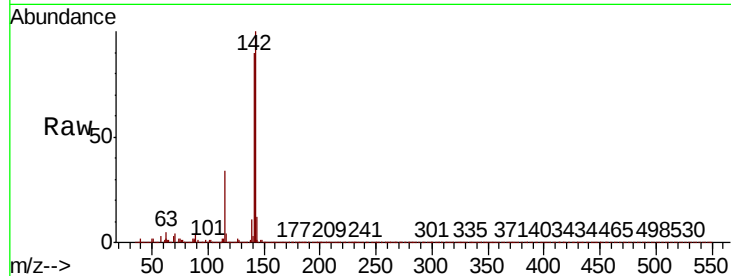
ClientSampleId :

PB123199BS

Tot Ion:	142	Resp:	1191202
Ion Ratio	Lower	Upper	
142	100		
141	89.8	71.3	106.9
115	34.1	27.2	40.8

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#38

1-Methylnaphthalene

Concen: 42.575 ng

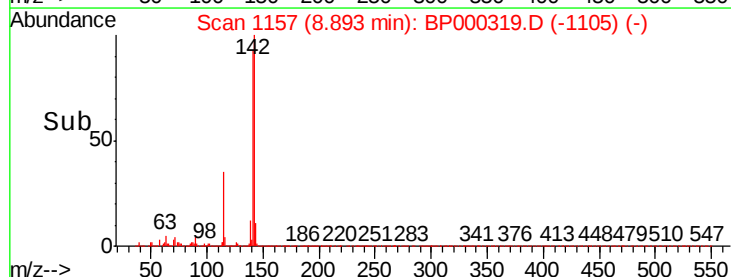
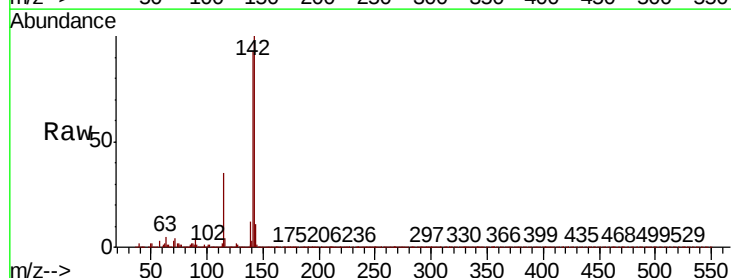
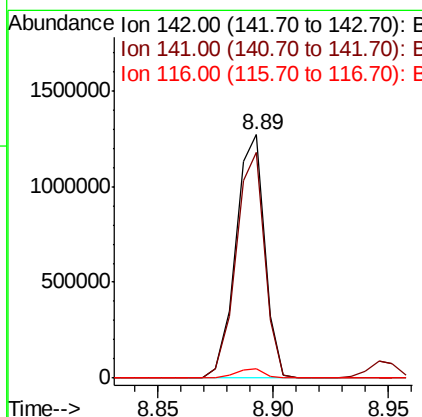
RT: 8.89 min Scan# 1157

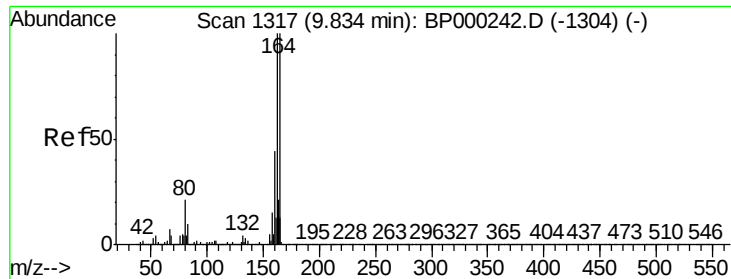
Delta R.T. 0.01 min

Lab File: BP000319.D

Acq: 19 Sep 2019 10:41

Tgt Ion:	142	Resp:	1110351
Ion Ratio	Lower	Upper	
142	100		
141	92.6	73.9	110.9
116	3.7	3.0	4.6





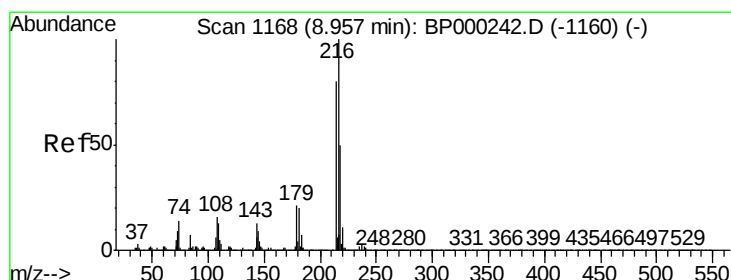
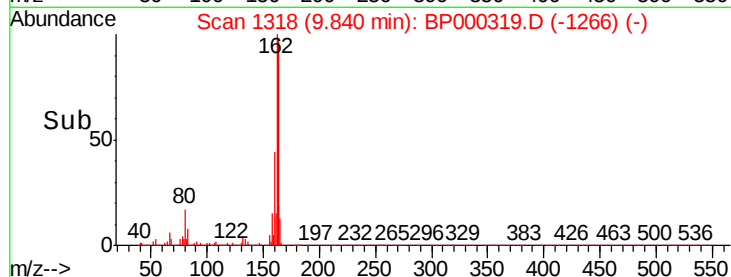
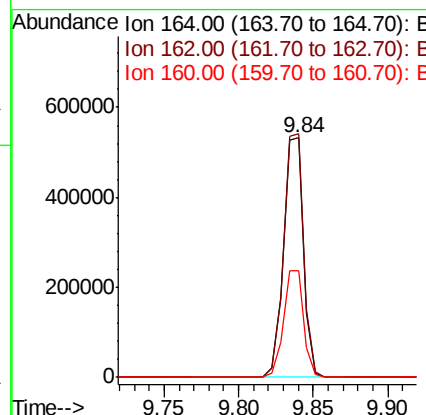
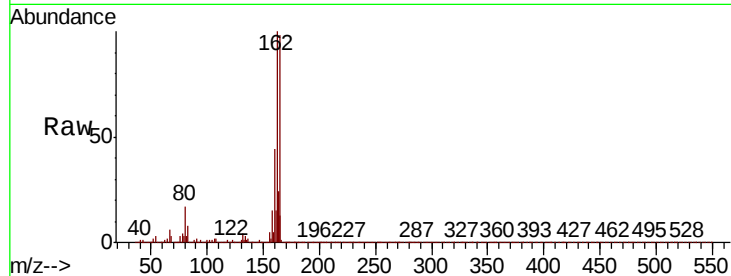
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.84 min Scan# 1318
Delta R.T. 0.01 min
Lab File: BP000319.D
Acq: 19 Sep 2019 10:41

Instrument :
BNA_P
ClientSampleId :
PB123199BS

Tot Ion	Ratio	Resp	Lower	Upper
164	100			
162	101.8	79.9	119.9	
160	44.8	35.6	53.4	

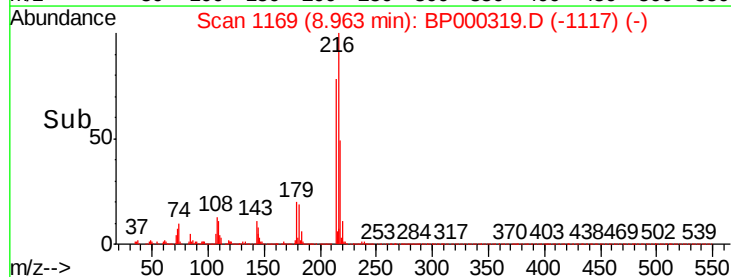
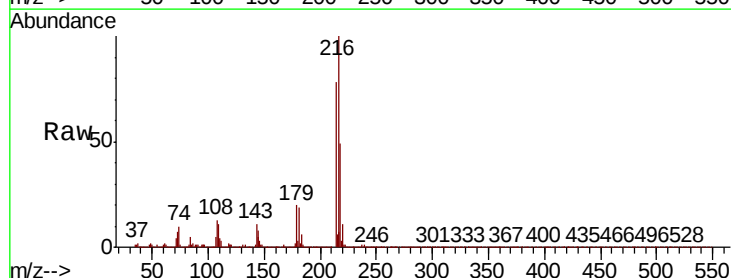
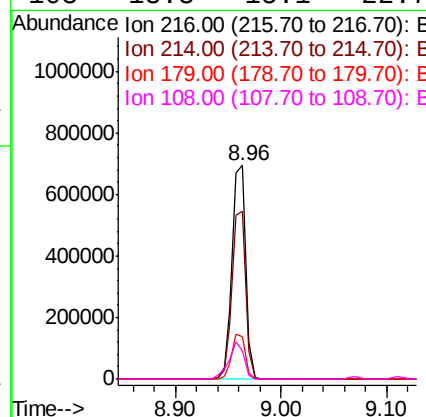
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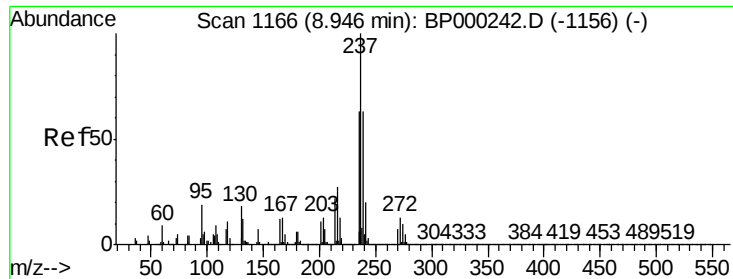
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#40
1,2,4,5-Tetrachlorobenzene
Concen: 43.319 ng
RT: 8.96 min Scan# 1169
Delta R.T. 0.01 min
Lab File: BP000319.D
Acq: 19 Sep 2019 10:41

Tgt Ion	Ratio	Resp	Lower	Upper
216	100			
214	78.8	63.6	95.4	
179	20.8	17.0	25.4	
108	18.8	15.1	22.7	





#41

Hexachlorocyclopentadiene

Concen: 77.578 ng

RT: 8.95 min Scan# 1167

Delta R.T. 0.01 min

Lab File: BP000319.D

Acq: 19 Sep 2019 10:41

Instrument :

BNA_P

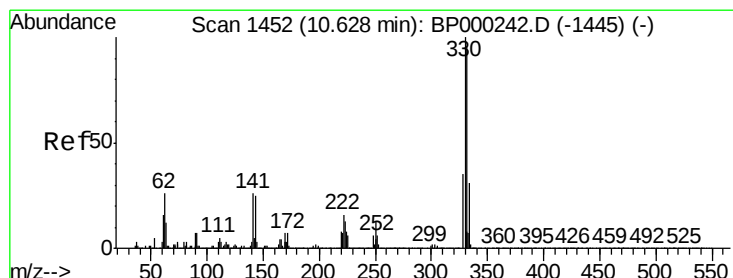
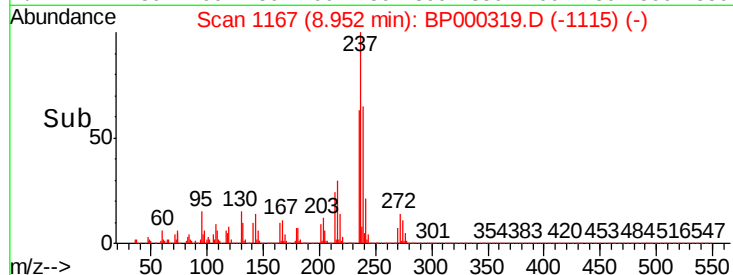
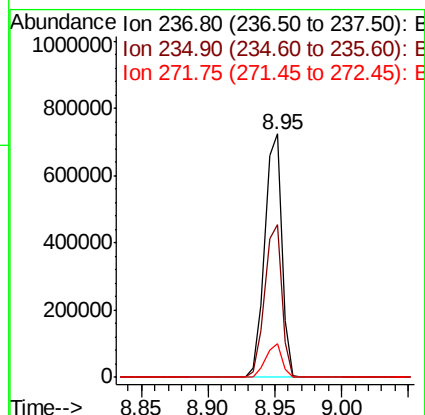
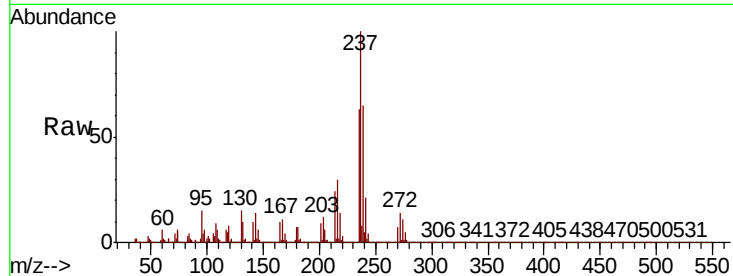
ClientSampleId :

PB123199BS

Tot Ion:	237	Resp:	635826
Ion Ratio		Lower	Upper
237	100		
235	62.9	43.5	83.5
272	13.7	0.0	33.0

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#42

2,4,6-Tribromophenol

Concen: 122.947 ng

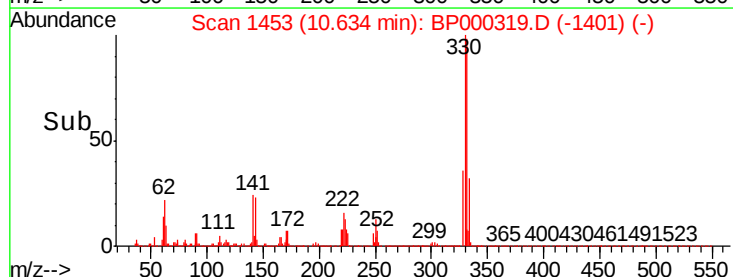
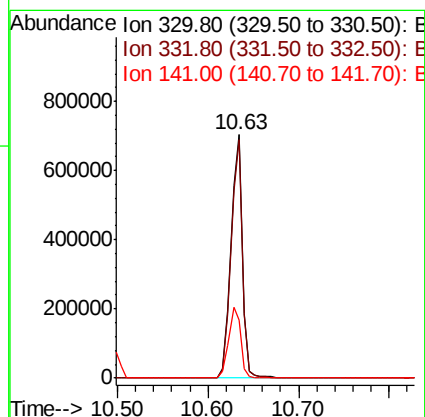
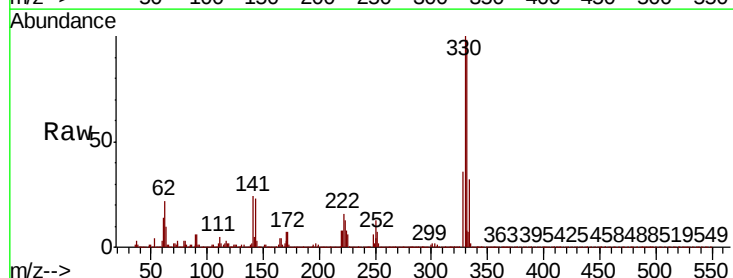
RT: 10.63 min Scan# 1453

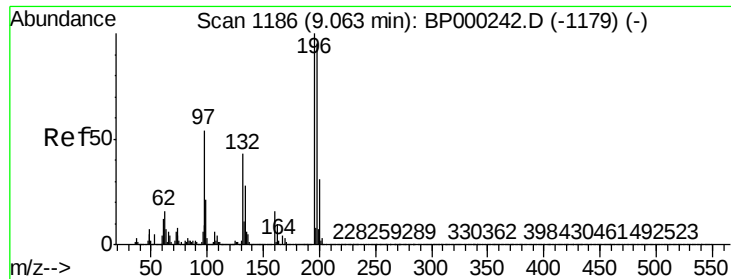
Delta R.T. 0.01 min

Lab File: BP000319.D

Acq: 19 Sep 2019 10:41

Tgt Ion:	330	Resp:	608748
Ion Ratio		Lower	Upper
330	100		
332	97.4	76.6	115.0
141	30.3	26.5	39.7





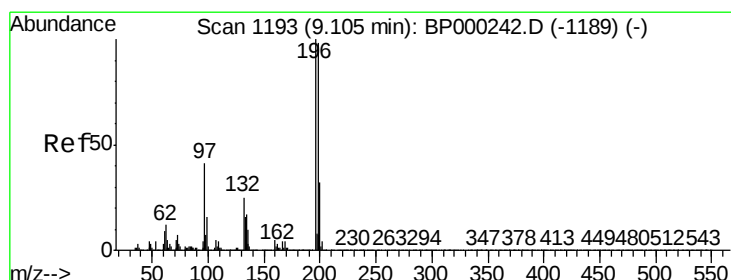
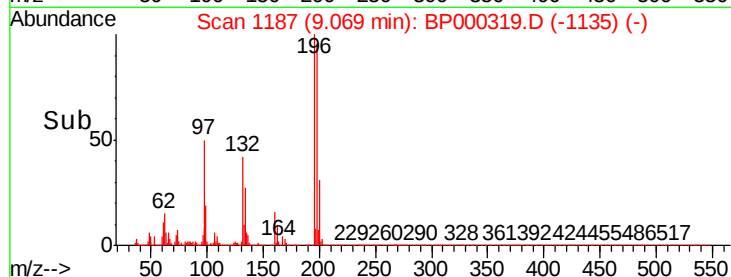
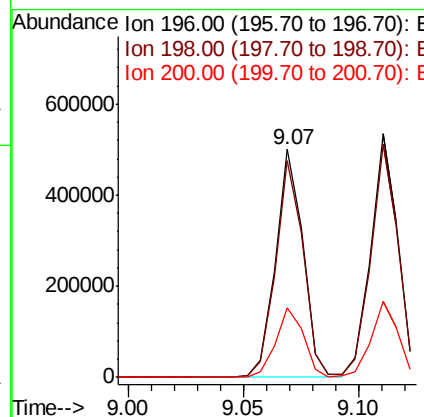
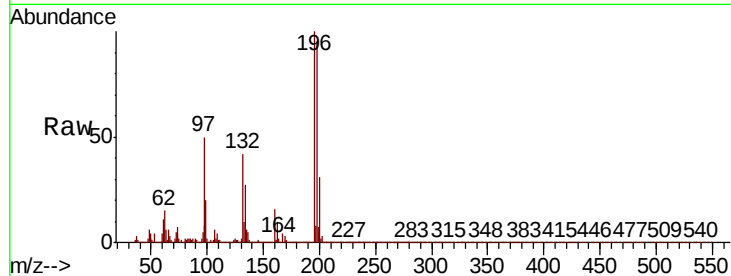
#43
2,4,6-Trichlorophenol
Concen: 41.816 ng
RT: 9.07 min Scan# 1187
Delta R.T. 0.01 min
Lab File: BP000319.D
Acq: 19 Sep 2019 10:41

Instrument :
BNA_P
ClientSampleId :
PB123199BS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	412978		
198	94.9	76.0	114.0	
200	30.5	24.6	37.0	

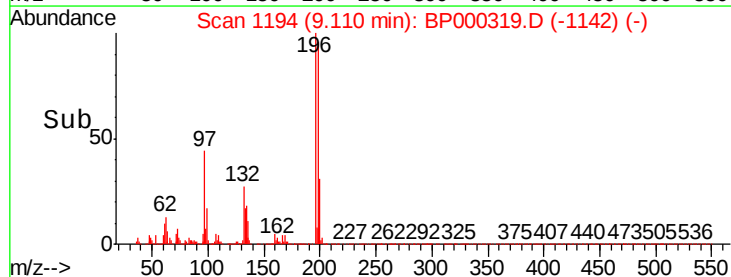
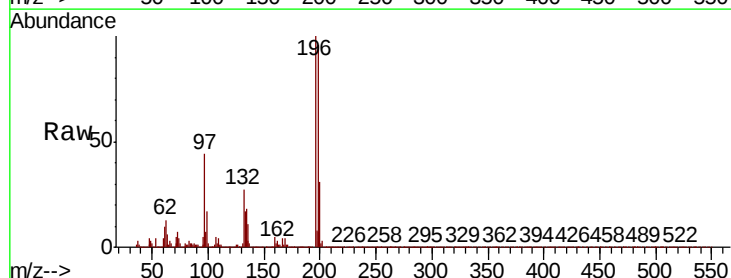
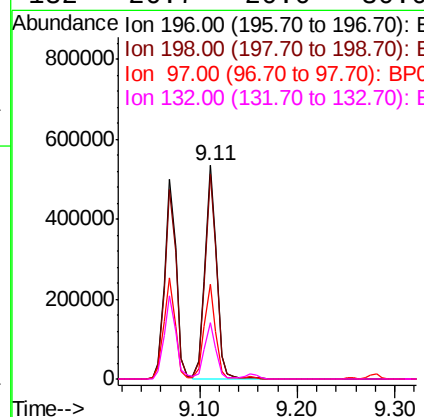
Manual Integrations
APPROVED

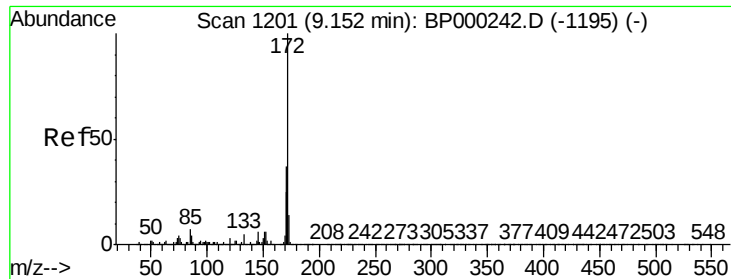
mohammad
9/20/2019 1:08:28 PM



#44
2,4,5-Trichlorophenol
Concen: 43.917 ng
RT: 9.11 min Scan# 1194
Delta R.T. 0.01 min
Lab File: BP000319.D
Acq: 19 Sep 2019 10:41

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	444123		
198	95.8	78.1	117.1	
97	44.3	33.3	49.9	
132	26.7	20.0	30.0	





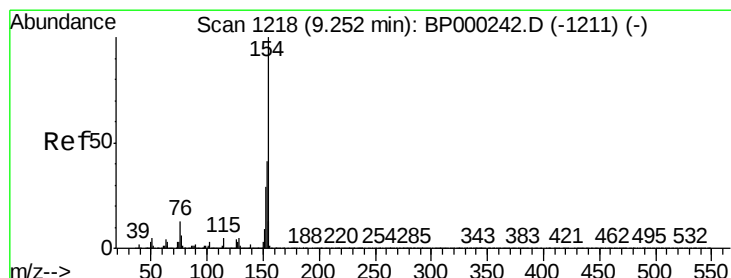
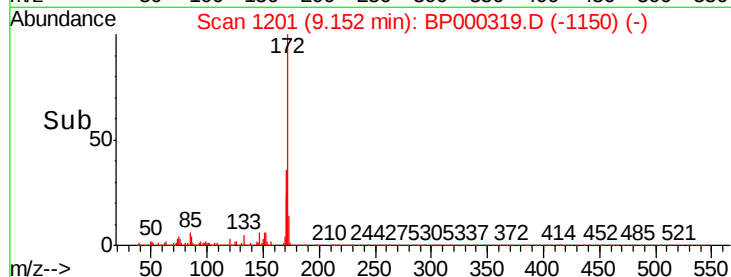
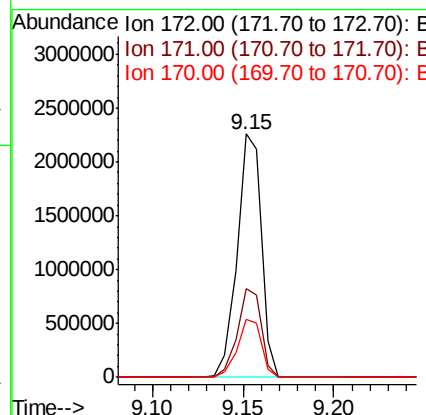
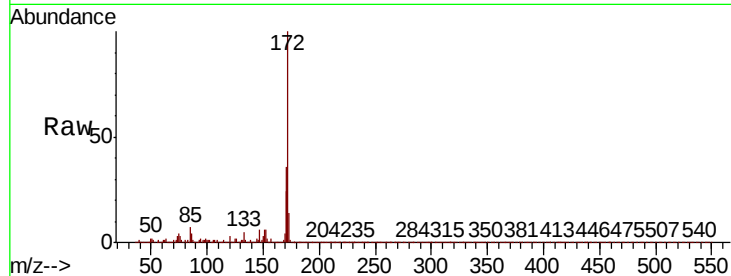
#45
2-Fluorobiphenyl
Concen: 75.556 ng
RT: 9.15 min Scan# 1201
Delta R.T. 0.00 min
Lab File: BP000319.D
Acq: 19 Sep 2019 10:41

Instrument :
BNA_P
ClientSampleId :
PB123199BS

Tot Ion	Ratio	Lower	Upper
172	100		
171	36.3	29.8	44.6
170	23.7	19.8	29.6

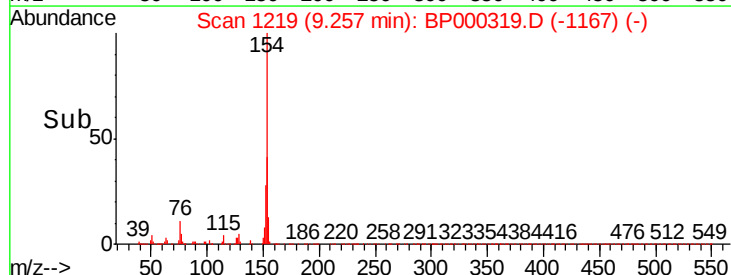
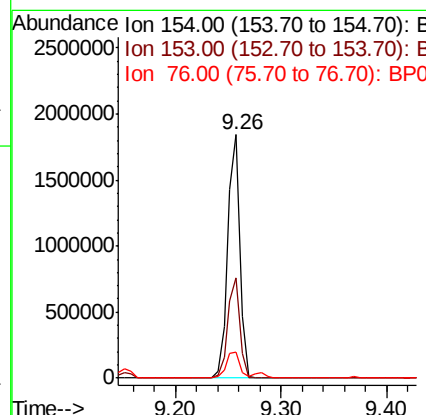
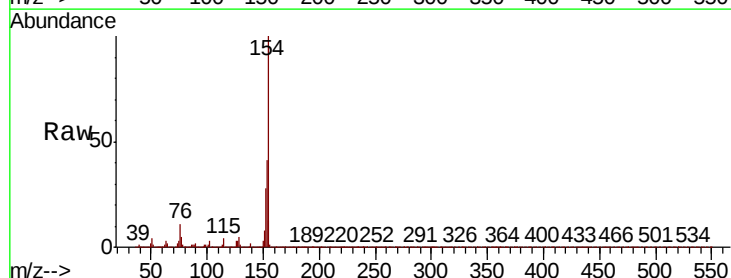
Manual Integrations
APPROVED

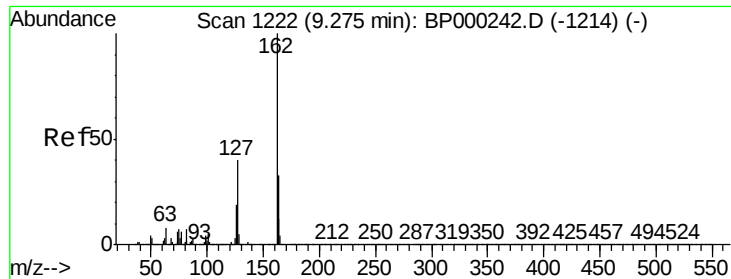
mohammad
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#46
1,1'-Biphenyl
Concen: 42.947 ng
RT: 9.26 min Scan# 1219
Delta R.T. 0.01 min
Lab File: BP000319.D
Acq: 19 Sep 2019 10:41

Tgt Ion	Ratio	Lower	Upper
154	100		
153	41.1	21.4	61.4
76	10.7	0.0	33.4





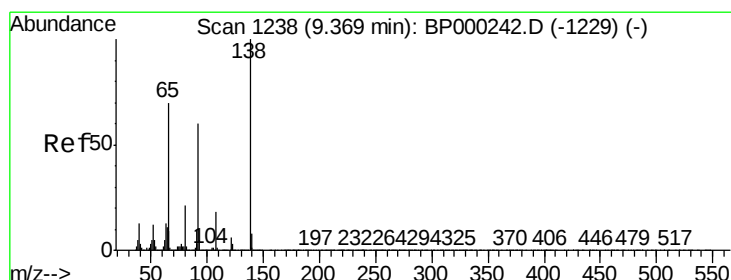
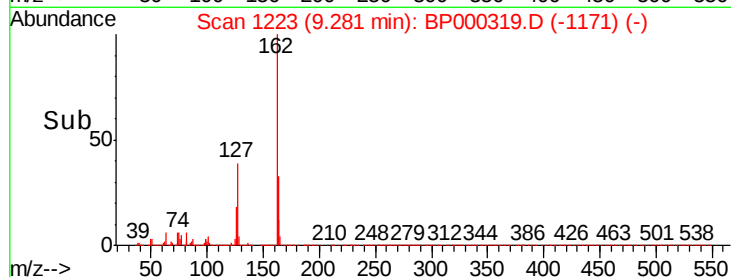
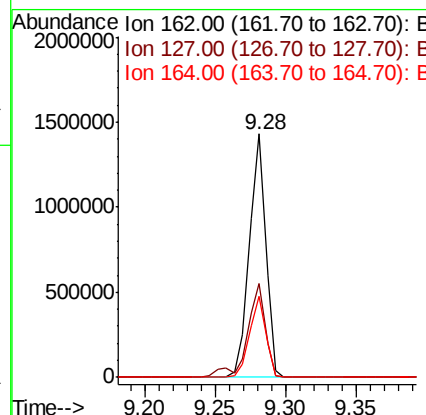
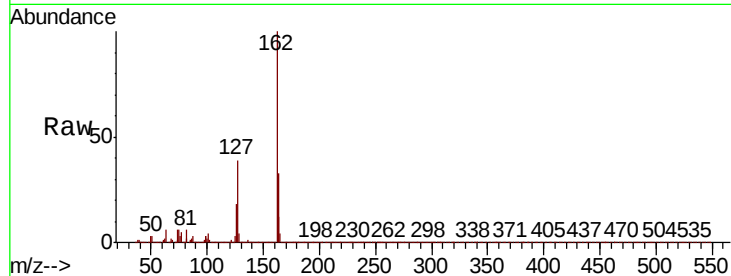
#47
2-Chloronaphthalene
Concen: 40.091 ng
RT: 9.28 min Scan# 1223
Delta R.T. 0.01 min
Lab File: BP000319.D
Acq: 19 Sep 2019 10:41

Instrument :
BNA_P
ClientSampleId :
PB123199BS

Tot Ion	Ratio	Lower	Upper
162	100		
127	38.7	32.4	48.6
164	33.5	26.3	39.5

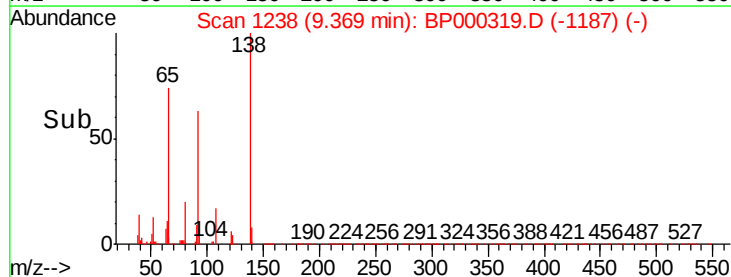
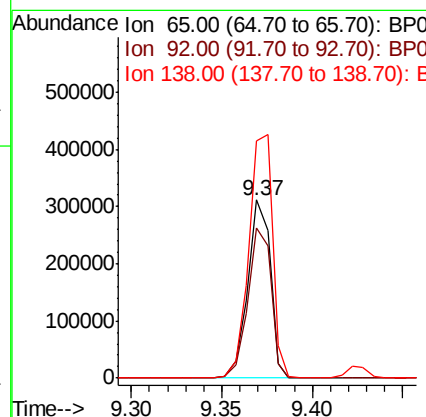
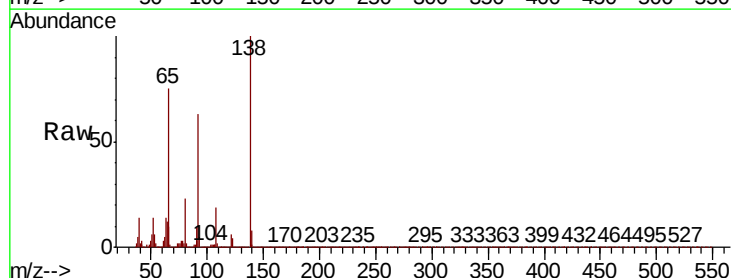
Manual Integrations
APPROVED

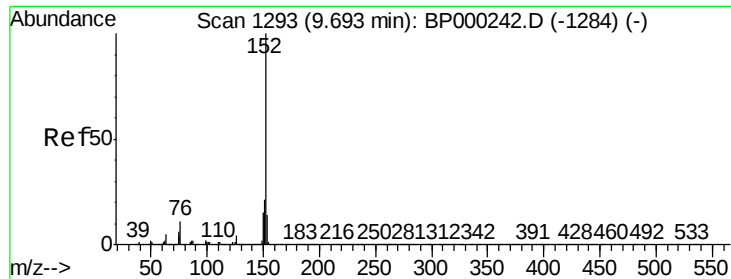
mohammad
9/20/2019 1:08:28 PM



#48
2-Nitroaniline
Concen: 36.824 ng
RT: 9.37 min Scan# 1238
Delta R.T. 0.00 min
Lab File: BP000319.D
Acq: 19 Sep 2019 10:41

Tgt Ion	Ratio	Lower	Upper
65	100		
92	84.3	68.7	103.1
138	133.3	114.4	171.6





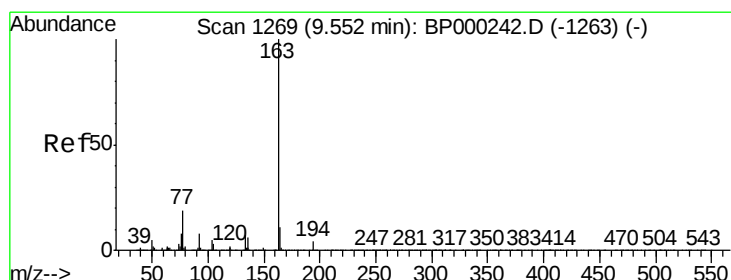
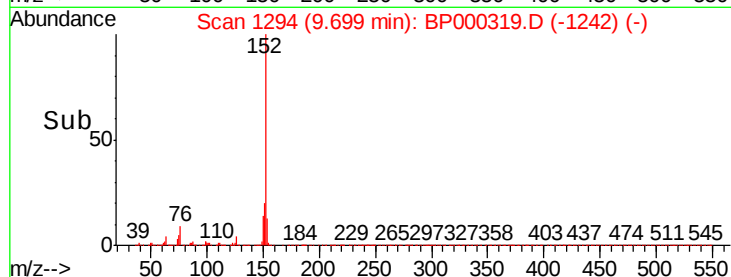
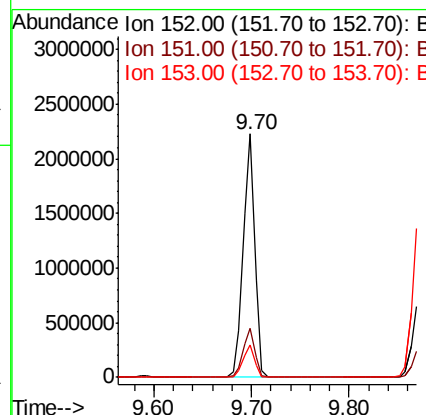
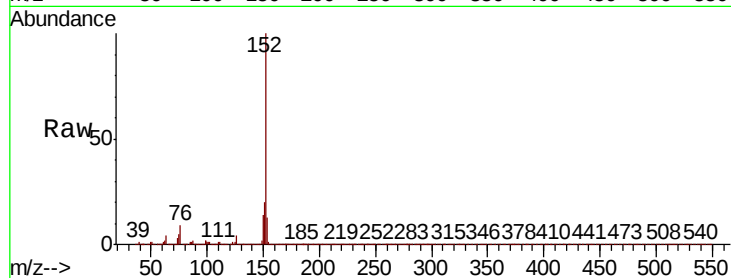
#49
Acenaphthylene
Concen: 42.025 ng
RT: 9.70 min Scan# 1294
Delta R.T. 0.01 min
Lab File: BP000319.D
Acq: 19 Sep 2019 10:41

Instrument :
BNA_P
ClientSampleId :
PB123199BS

Tot Ion	Ratio	Lower	Upper
152	100		
151	20.4	16.4	24.6
153	13.4	11.0	16.4

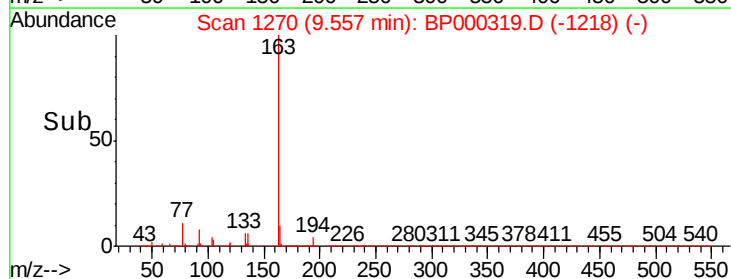
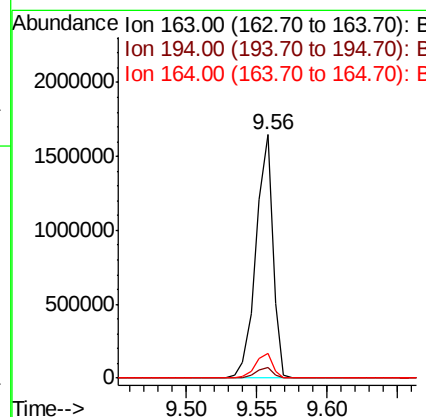
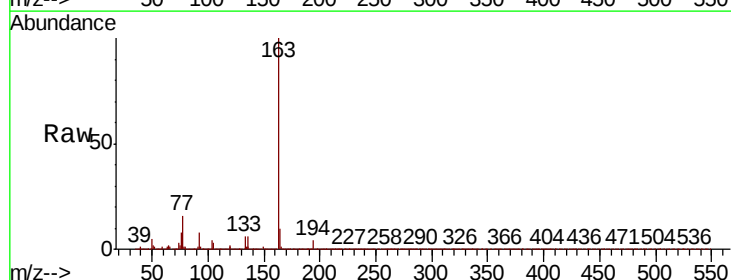
Manual Integrations
APPROVED

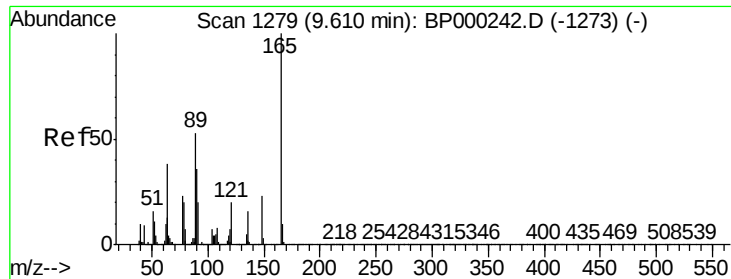
mohammad
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#50
Dimethylphthalate
Concen: 41.086 ng
RT: 9.56 min Scan# 1270
Delta R.T. 0.01 min
Lab File: BP000319.D
Acq: 19 Sep 2019 10:41

Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.4	3.4	5.0
164	10.0	8.5	12.7





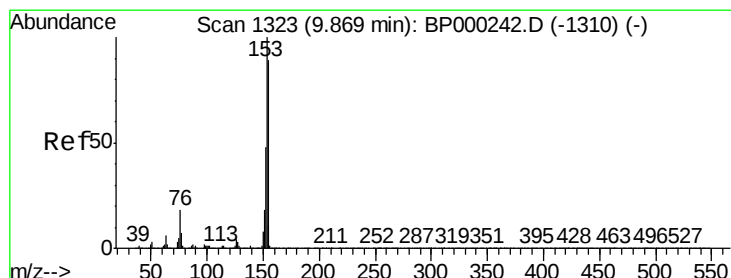
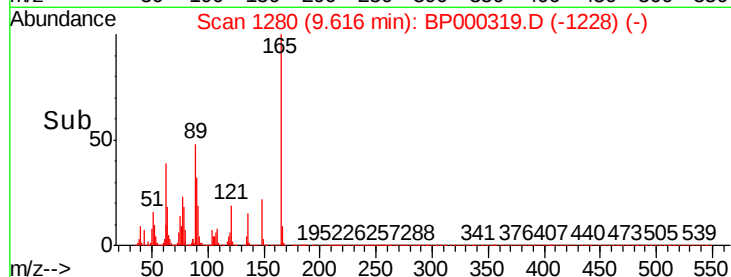
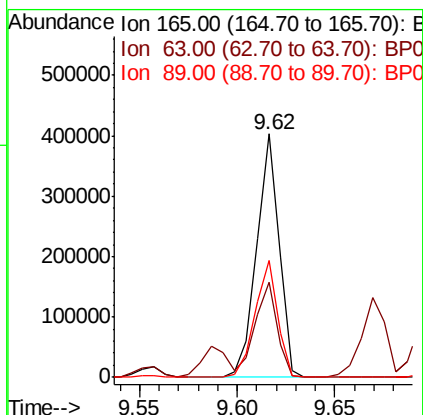
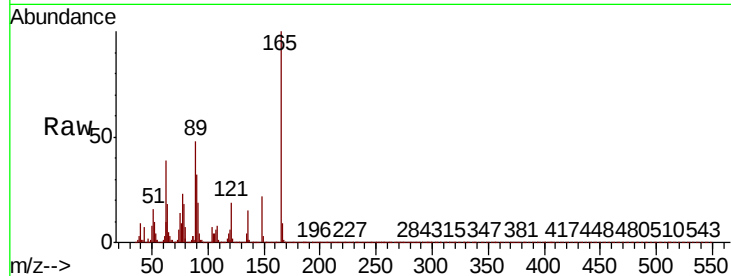
#51
2,6-Dinitrotoluene
Concen: 42.959 ng
RT: 9.62 min Scan# 1280
Delta R.T. 0.01 min
Lab File: BP000319.D
Acq: 19 Sep 2019 10:41

Instrument :
BNA_P
ClientSampleId :
PB123199BS

Tot Ion	Ratio	Resp	Lower	Upper
165	100	321255		
63	39.1		35.8	53.8
89	47.9		42.6	63.8

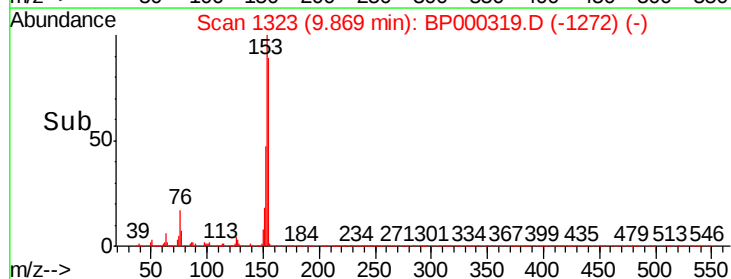
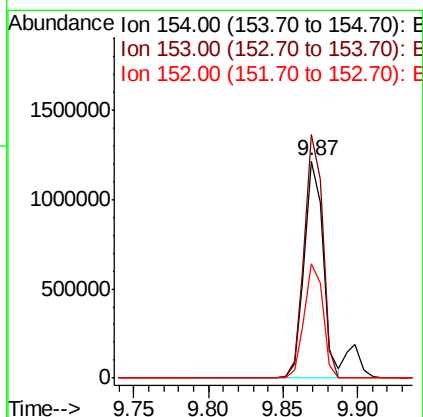
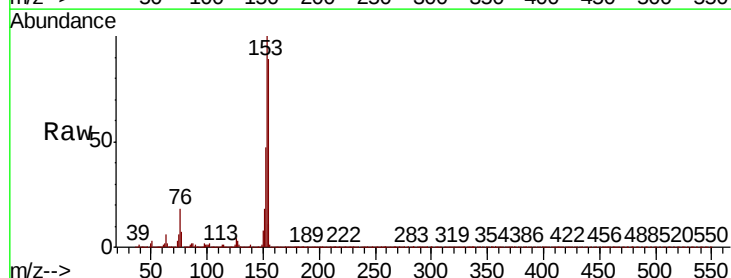
Manual Integrations
APPROVED

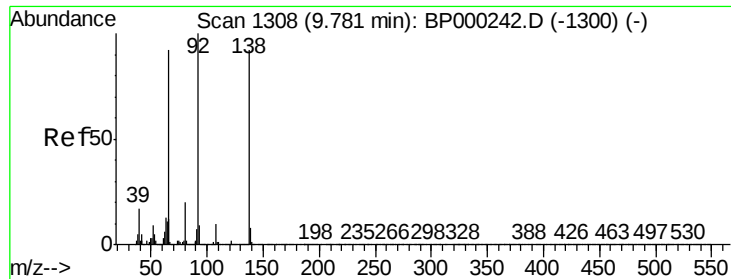
mohammad
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#52
Acenaphthene
Concen: 38.952 ng
RT: 9.87 min Scan# 1323
Delta R.T. 0.00 min
Lab File: BP000319.D
Acq: 19 Sep 2019 10:41

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	1070381		
153	112.2		89.8	134.6
152	52.9		43.4	65.0





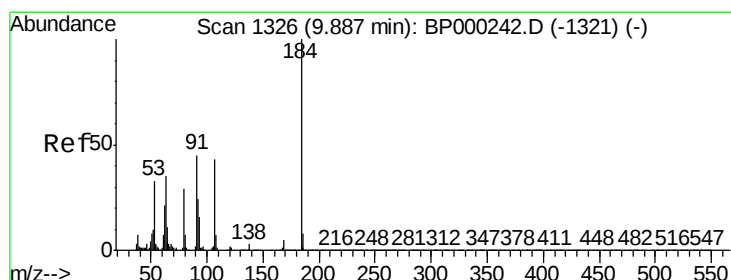
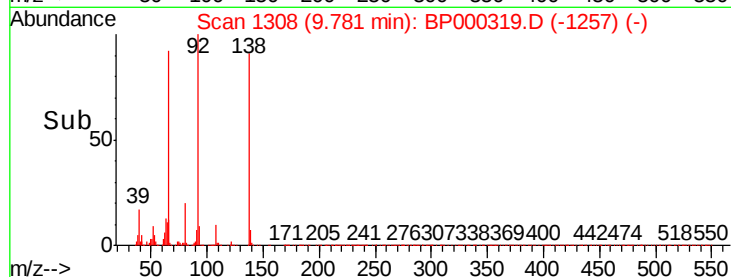
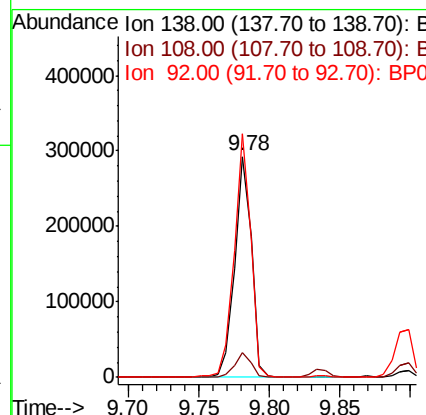
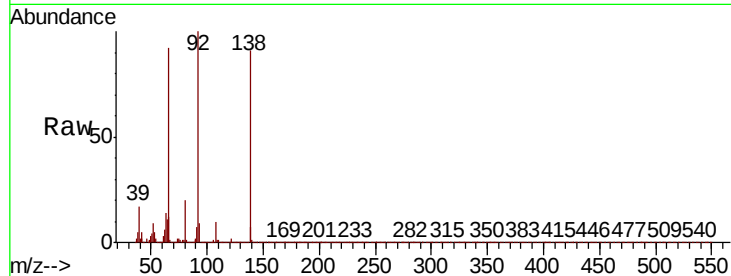
#53
3-Nitroaniline
Concen: 27.783 ng
RT: 9.78 min Scan# 1308
Delta R.T. 0.00 min
Lab File: BP000319.D
Acq: 19 Sep 2019 10:41

Instrument :
BNA_P
ClientSampleId :
PB123199BS

Tot Ion	Ratio	Lower	Upper
138	100		
108	11.1	9.1	13.7
92	110.3	86.7	130.1

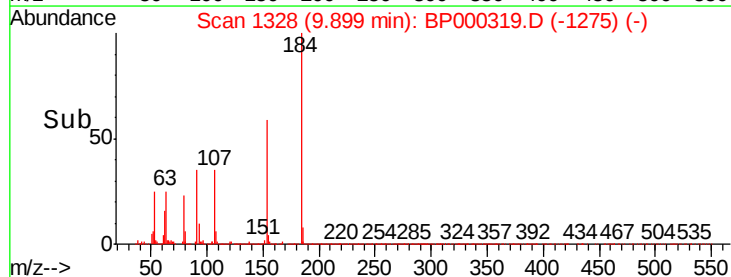
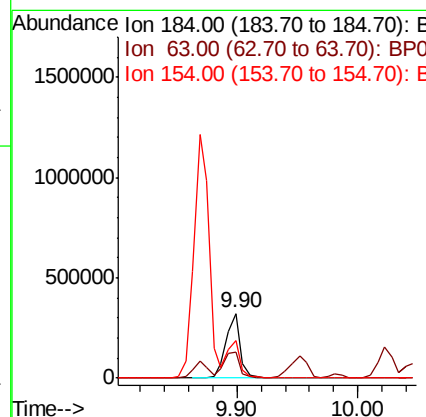
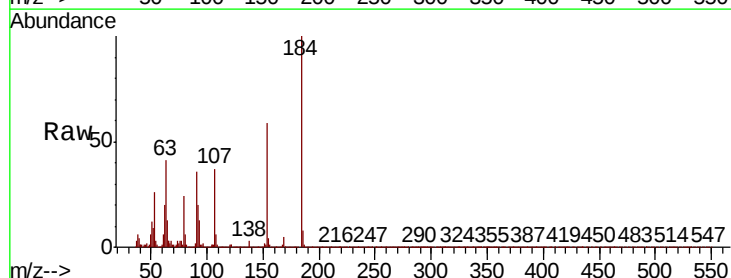
Manual Integrations
APPROVED

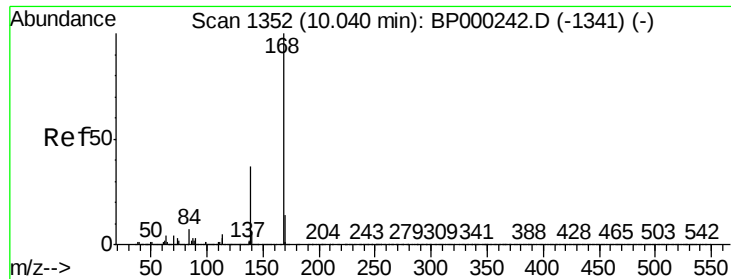
mohammad
9/20/2019 1:08:28 PM



#54
2,4-Dinitrophenol
Concen: 80.525 ng
RT: 9.90 min Scan# 1328
Delta R.T. 0.01 min
Lab File: BP000319.D
Acq: 19 Sep 2019 10:41

Tgt Ion	Ratio	Lower	Upper
184	100		
63	40.6	39.5	59.3
154	59.1	48.8	73.2





#55

Dibenzofuran

Concen: 42.762 ng

RT: 10.05 min Scan# 1353

Delta R.T. 0.01 min

Lab File: BP000319.D

Acq: 19 Sep 2019 10:41

Instrument :

BNA_P

ClientSampled :

PB123199BS

Tot Ion:168 Resp: 1661122

Ion Ratio Lower Upper

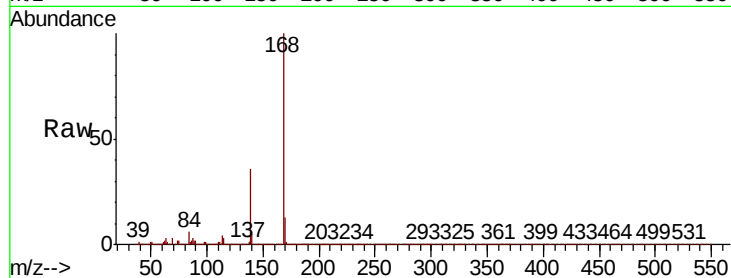
168 100

139 36.5 30.0 45.0

169 13.4 11.0 16.6

Manual Integrations
APPROVED

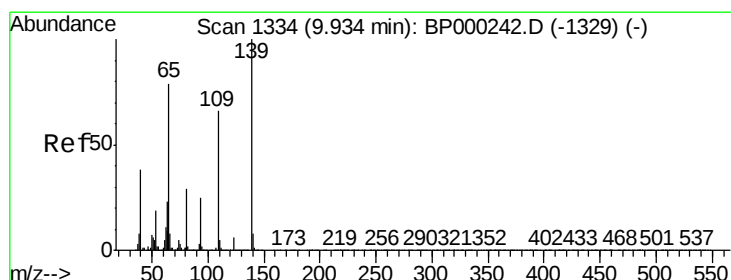
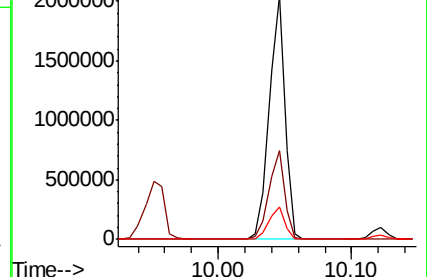
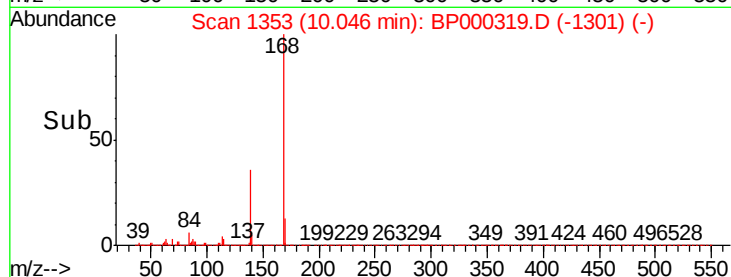
mohammad
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Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56

4-Nitrophenol

Concen: 79.060 ng

RT: 9.95 min Scan# 1337

Delta R.T. 0.02 min

Lab File: BP000319.D

Acq: 19 Sep 2019 10:41

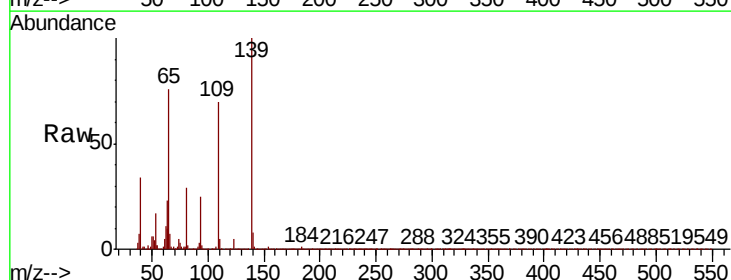
Tgt Ion:139 Resp: 510417

Ion Ratio Lower Upper

139 100

109 70.2 46.2 86.2

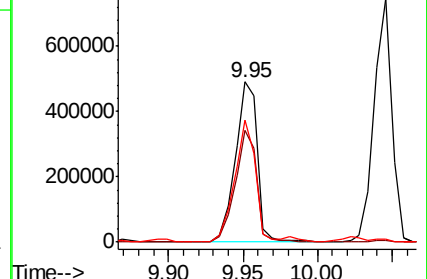
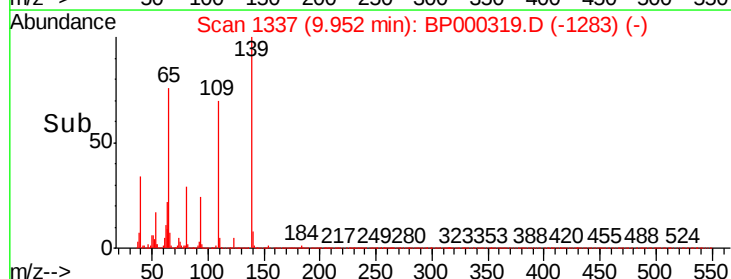
65 76.3 59.4 99.4

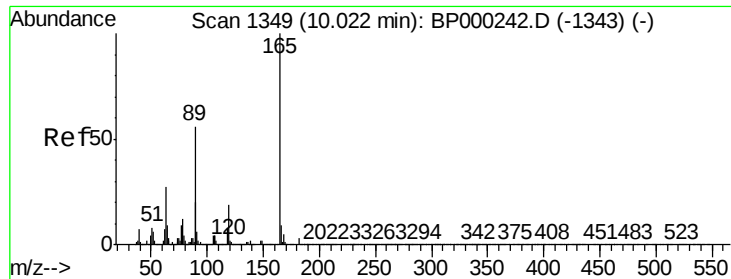


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BPO





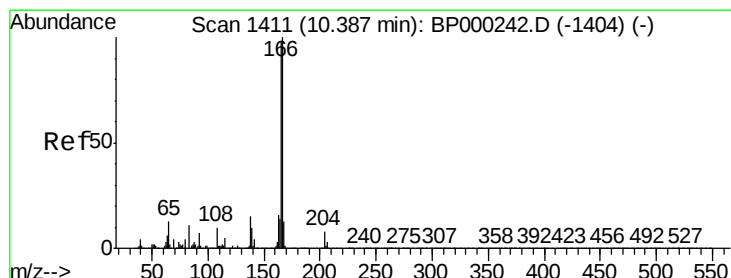
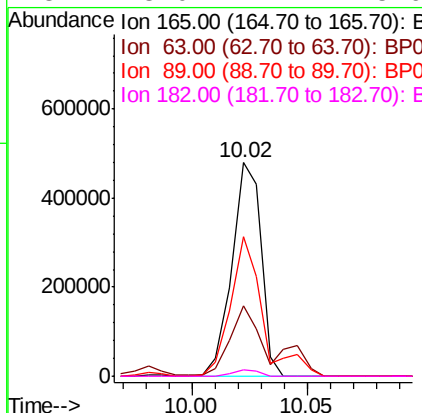
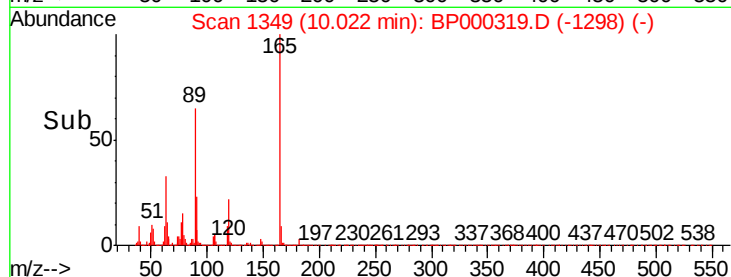
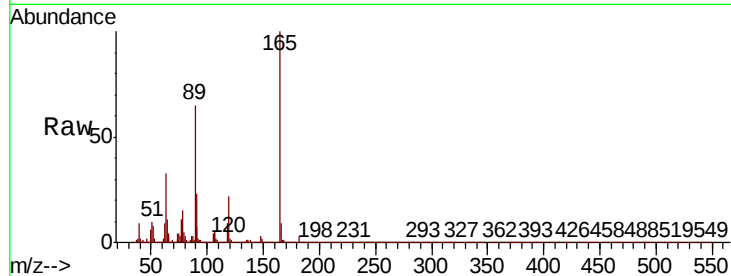
#57
2,4-Dinitrotoluene
Concen: 43.196 ng
RT: 10.02 min Scan# 1349
Delta R.T. 0.00 min
Lab File: BP000319.D
Acq: 19 Sep 2019 10:41

Instrument :
BNA_P
ClientSampleId :
PB123199BS

Tot Ion	Ratio	Lower	Upper
165	100		
63	33.0	21.7	32.5#
89	65.2	45.0	67.6
182	3.0	2.4	3.6

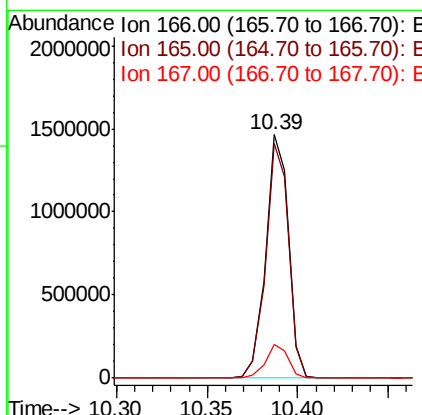
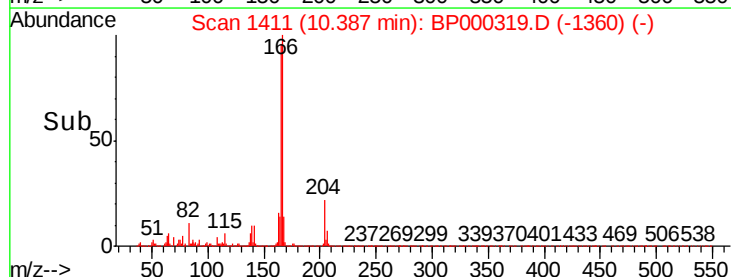
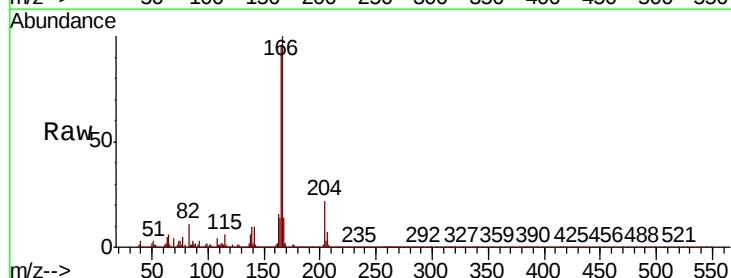
Manual Integrations
APPROVED

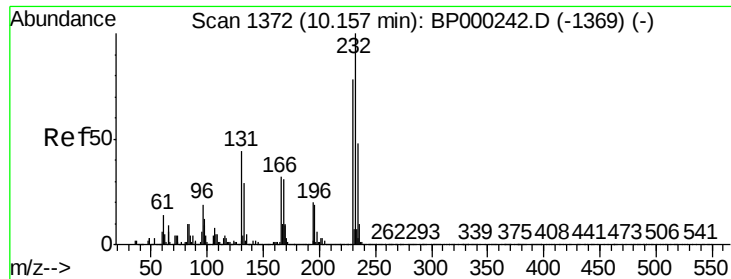
mohammad
9/20/2019 1:08:28 PM



#58
Fluorene
Concen: 42.463 ng
RT: 10.39 min Scan# 1411
Delta R.T. 0.00 min
Lab File: BP000319.D
Acq: 19 Sep 2019 10:41

Tgt Ion	Ratio	Lower	Upper
166	100		
165	96.3	78.2	117.2
167	13.7	10.7	16.1





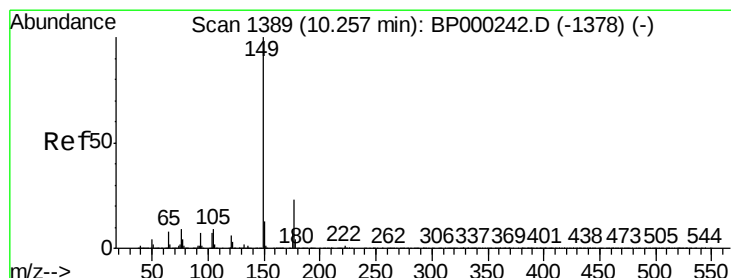
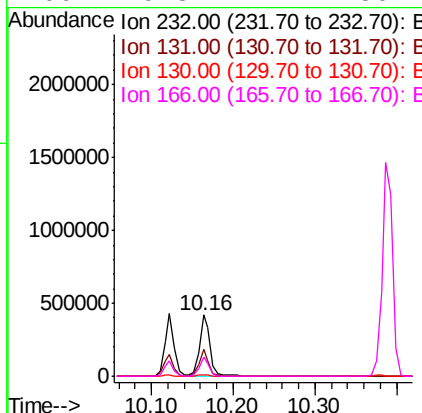
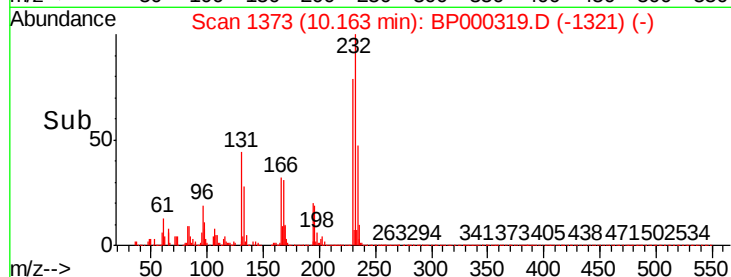
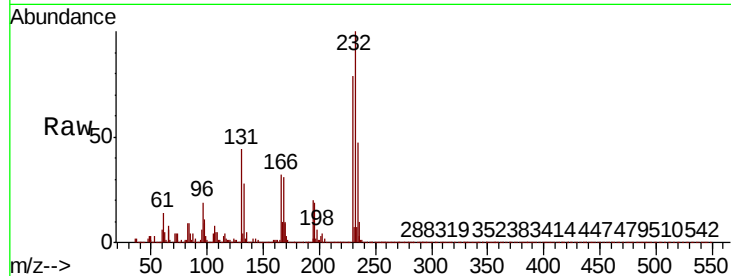
#59
2,3,4,6-Tetrachlorophenol
Concen: 45.104 ng
RT: 10.16 min Scan# 1373
Delta R.T. 0.01 min
Lab File: BP000319.D
Acq: 19 Sep 2019 10:41

Instrument :
BNA_P
ClientSampleId :
PB123199BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
232	100		375327		
131	39.9	33.6	50.4		
130	2.1	1.8	2.6		
166	29.3	24.2	36.2		

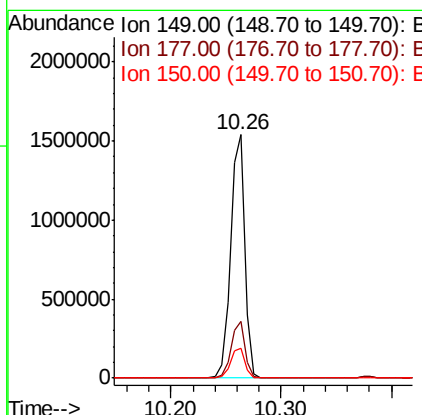
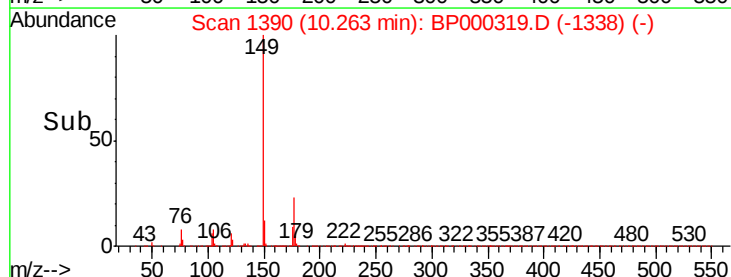
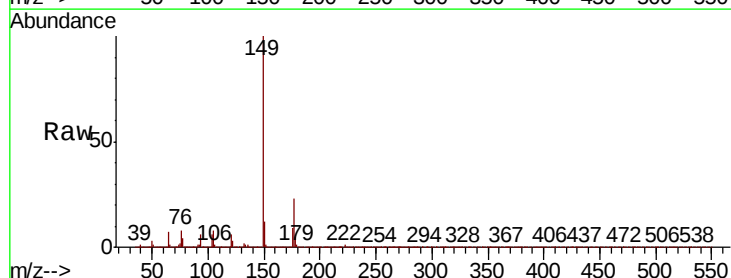
Manual Integrations
APPROVED

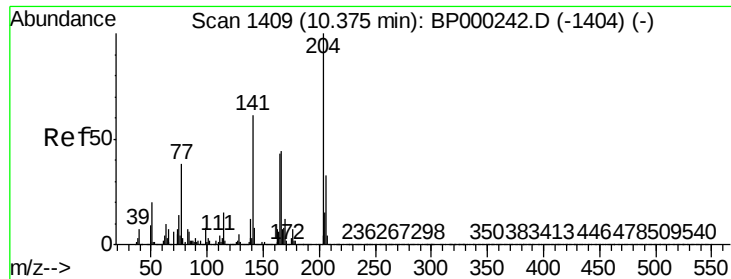
mohammad
9/20/2019 1:08:28 PM



#60
Diethylphthalate
Concen: 42.186 ng
RT: 10.26 min Scan# 1390
Delta R.T. 0.01 min
Lab File: BP000319.D
Acq: 19 Sep 2019 10:41

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
149	100		1380210		
177	23.1	18.1	27.1		
150	12.4	10.3	15.5		





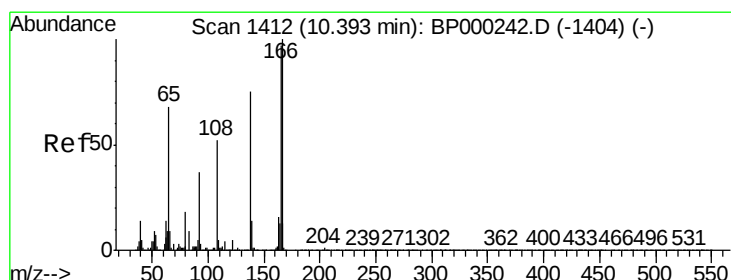
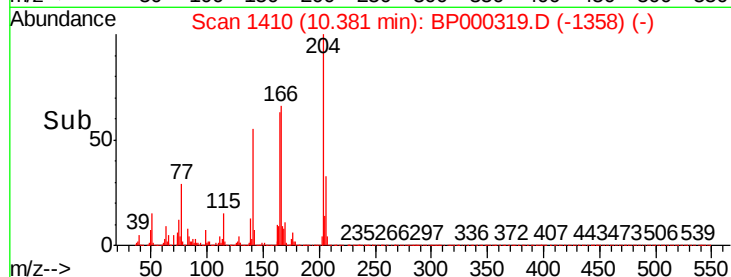
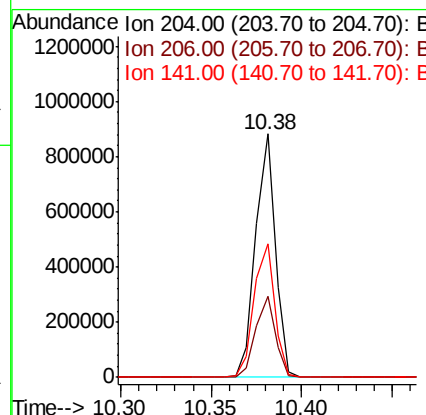
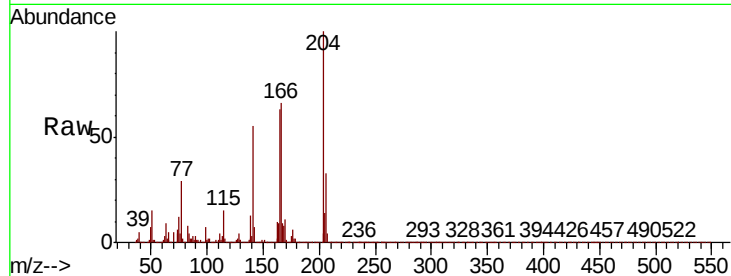
#61
4-Chlorophenyl-phenylether
Concen: 43.652 ng
RT: 10.38 min Scan# 1410
Delta R.T. 0.01 min
Lab File: BP000319.D
Acq: 19 Sep 2019 10:41

Instrument :
BNA_P
ClientSampleId :
PB123199BS

Tot Ion	Ratio	Lower	Upper
204	100		
206	33.1	26.3	39.5
141	55.1	48.6	72.8

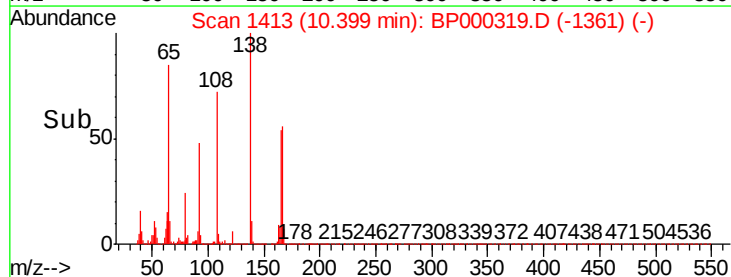
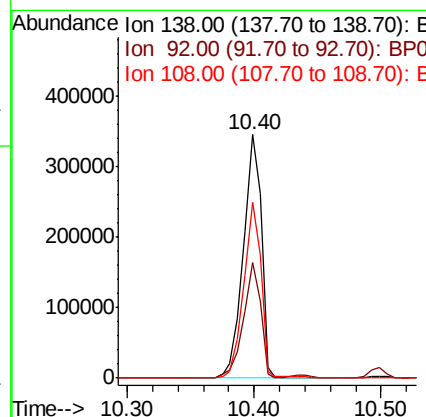
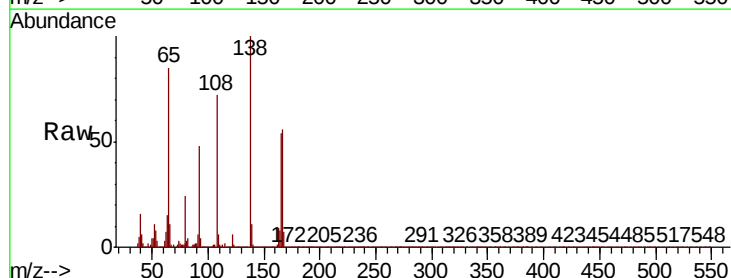
Manual Integrations
APPROVED

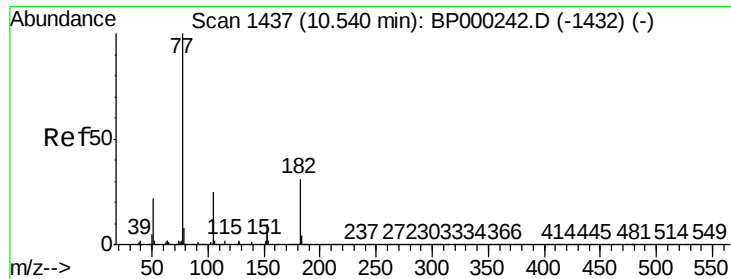
mohammad
9/20/2019 1:08:28 PM



#62
4-Nitroaniline
Concen: 39.353 ng
RT: 10.40 min Scan# 1413
Delta R.T. 0.01 min
Lab File: BP000319.D
Acq: 19 Sep 2019 10:41

Tgt Ion	Ratio	Lower	Upper
138	100		
92	47.6	30.1	70.1
108	72.3	49.5	89.5





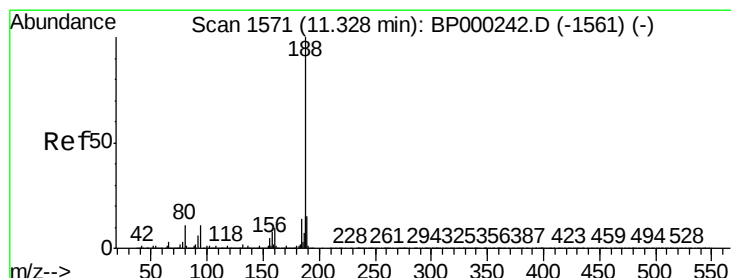
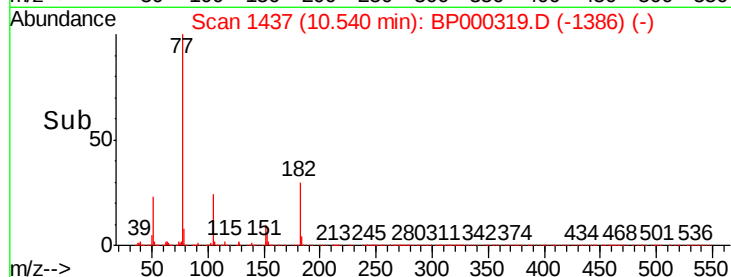
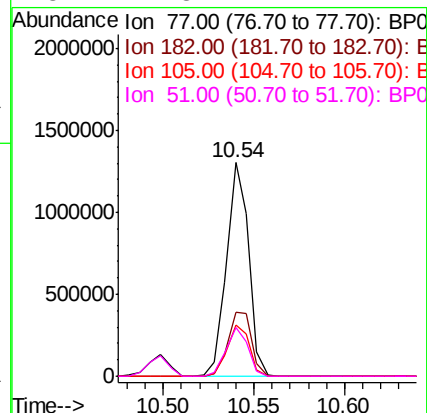
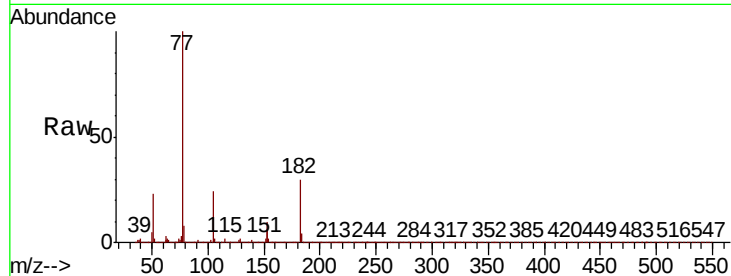
#63
Azobenzene
Concen: 39.729 ng
RT: 10.54 min Scan# 1437
Delta R.T. 0.00 min
Lab File: BP000319.D
Acq: 19 Sep 2019 10:41

Instrument :
BNA_P
ClientSampleId :
PB123199BS

Tot Ion:	77	Resp:	1101216
Ion	Ratio	Lower	Upper
77	100		
182	30.0	11.1	51.1
105	23.9	4.7	44.7
51	22.8	2.2	42.2

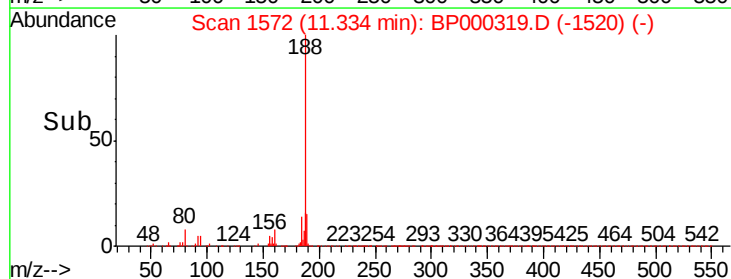
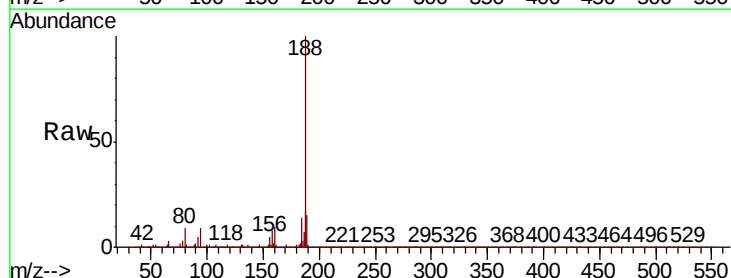
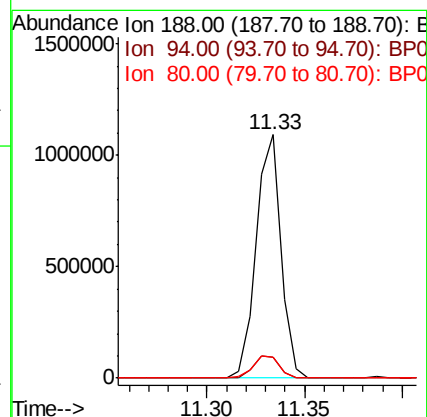
Manual Integrations
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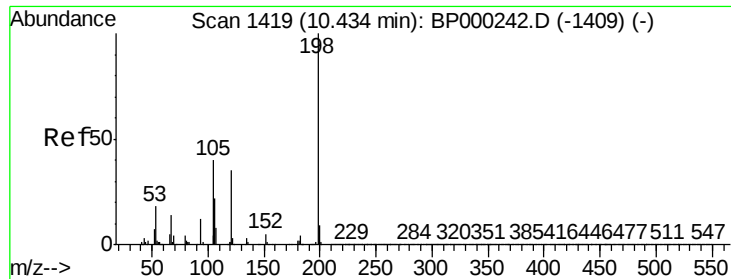
mohammad
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.33 min Scan# 1572
Delta R.T. 0.01 min
Lab File: BP000319.D
Acq: 19 Sep 2019 10:41

Tgt Ion:	188	Resp:	960882
Ion	Ratio	Lower	Upper
188	100		
94	8.6	8.5	12.7
80	8.7	8.6	13.0





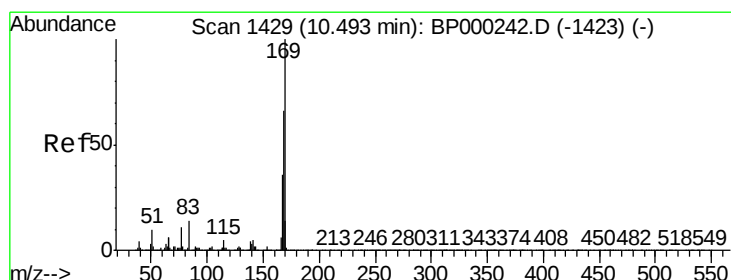
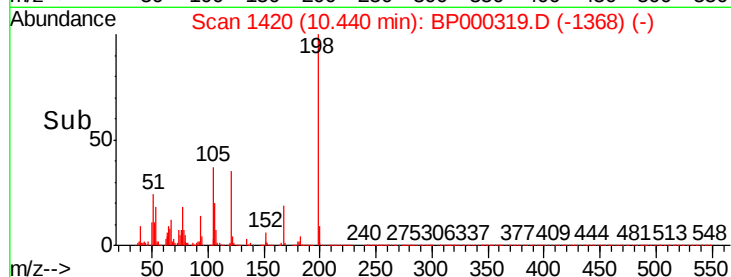
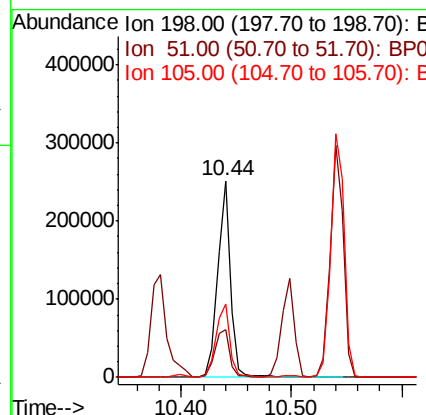
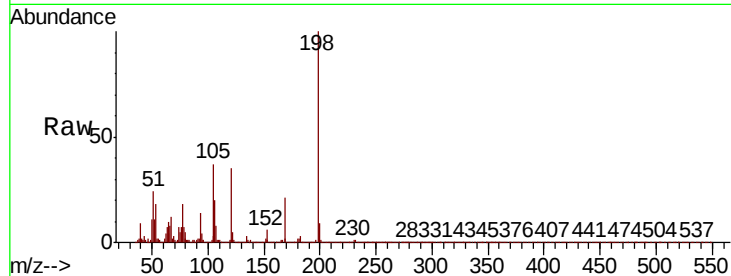
#65
4,6-Dinitro-2-methylphenol
Concen: 43.903 ng
RT: 10.44 min Scan# 1420
Delta R.T. 0.01 min
Lab File: BP000319.D
Acq: 19 Sep 2019 10:41

Instrument :
BNA_P
ClientSampleId :
PB123199BS

Tot Ion	Ratio	Resp	Lower	Upper
198	100	198360		
51	24.3		7.4	47.4
105	37.1		20.2	60.2

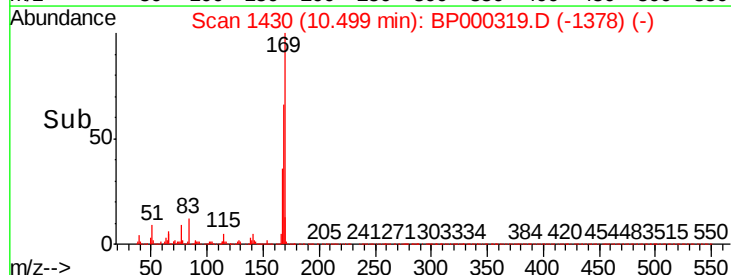
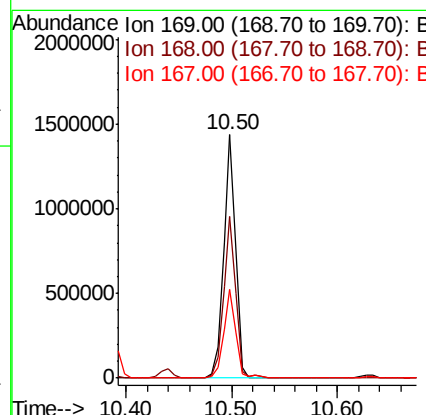
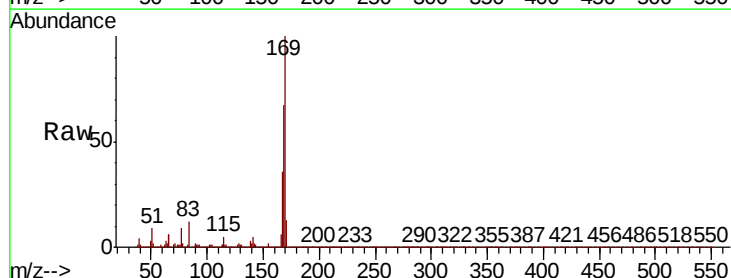
Manual Integrations
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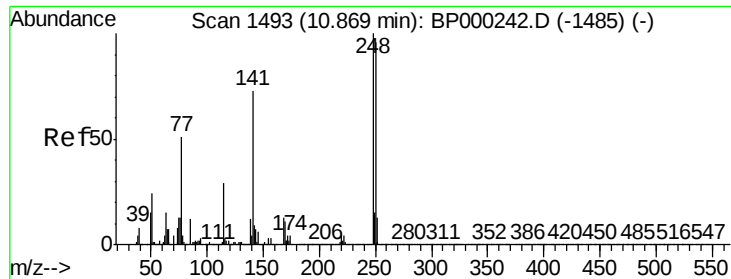
mohammad
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#66
n-Nitrosodiphenylamine
Concen: 39.980 ng
RT: 10.50 min Scan# 1430
Delta R.T. 0.01 min
Lab File: BP000319.D
Acq: 19 Sep 2019 10:41

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	1156449		
168	66.6		52.9	79.3
167	36.2		29.0	43.6





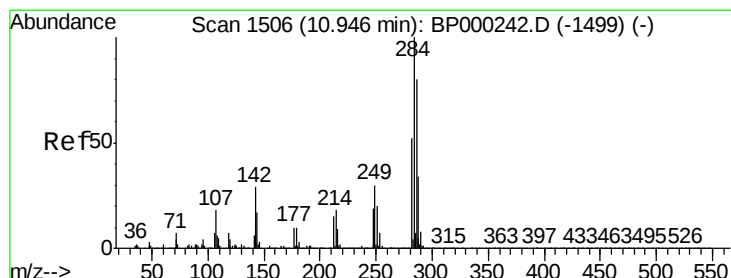
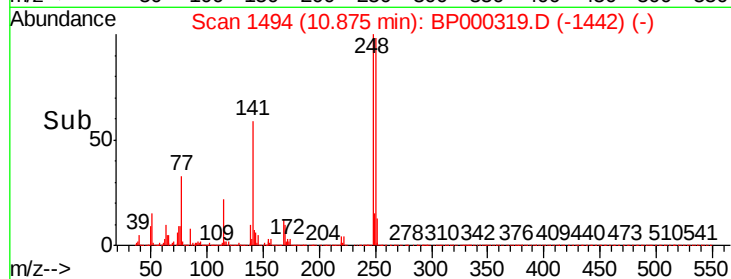
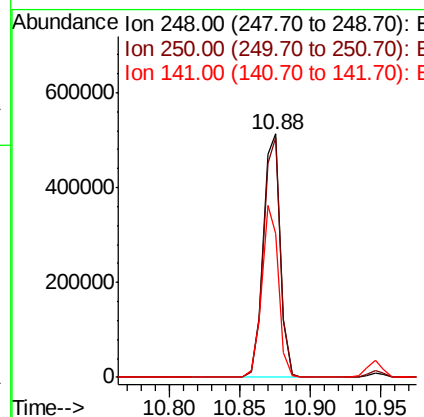
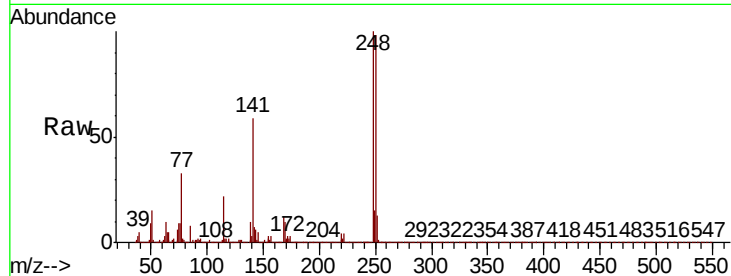
#67
4-Bromophenyl-phenylether
Concen: 40.542 ng
RT: 10.88 min Scan# 1494
Delta R.T. 0.01 min
Lab File: BP000319.D
Acq: 19 Sep 2019 10:41

Instrument :
BNA_P
ClientSampleId :
PB123199BS

Tot Ion	Ratio	Lower	Upper
248	100		
250	98.2	77.0	115.4
141	59.3	58.5	87.7

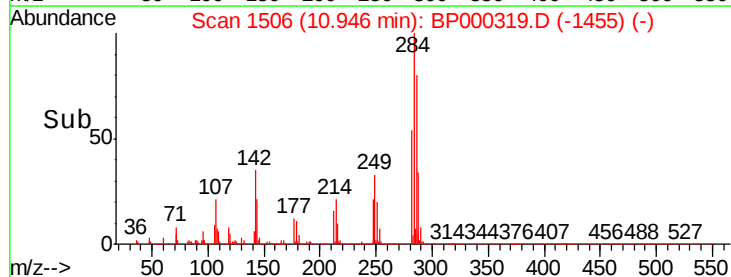
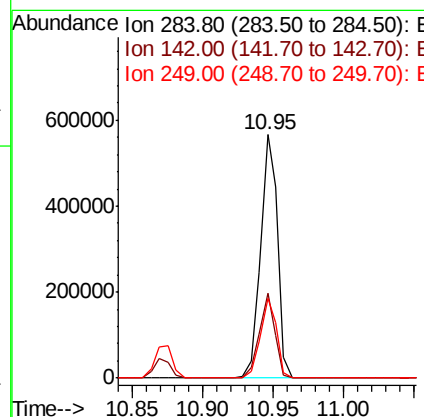
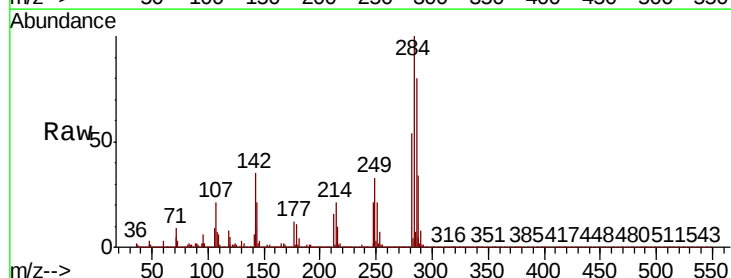
Manual Integrations
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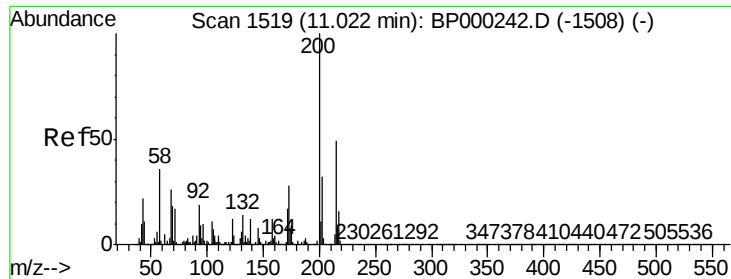
mohammad
9/20/2019 1:08:28 PM



#68
Hexachlorobenzene
Concen: 40.179 ng
RT: 10.95 min Scan# 1506
Delta R.T. 0.00 min
Lab File: BP000319.D
Acq: 19 Sep 2019 10:41

Tgt Ion	Ratio	Lower	Upper
284	100		
142	35.1	23.6	35.4
249	32.8	24.3	36.5





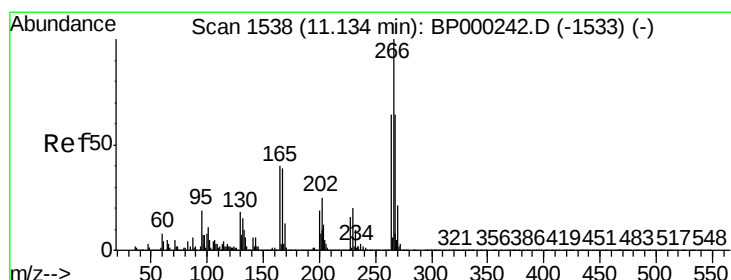
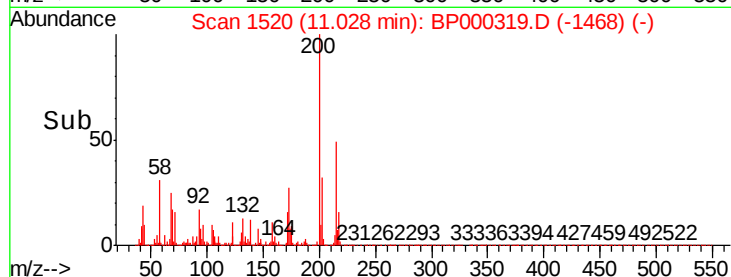
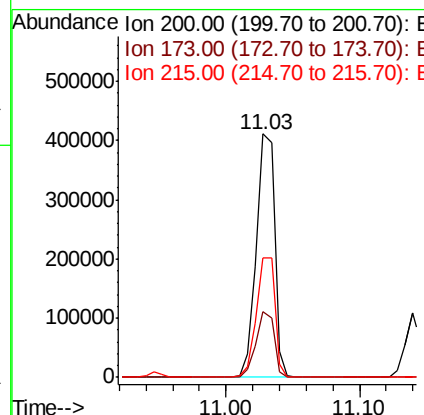
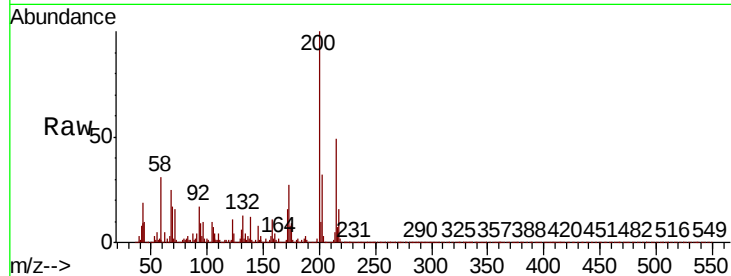
#69
Atrazine
Concen: Below Cal
RT: 11.03 min Scan# 1520
Delta R.T. 0.01 min
Lab File: BP000319.D
Acq: 19 Sep 2019 10:41

Instrument :
BNA_P
ClientSampled :
PB123199BS

Tot Ion	Ratio	Resp	Lower	Upper
200	100			
173	26.8	7.6	47.6	
215	48.8	28.6	68.6	

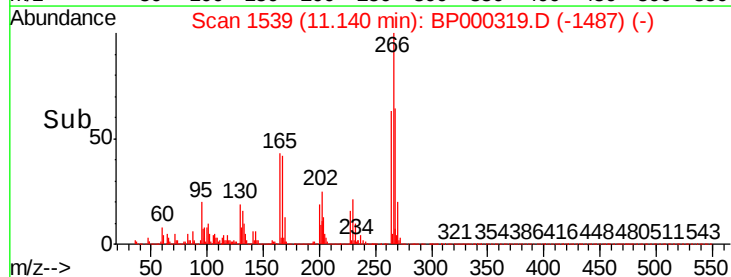
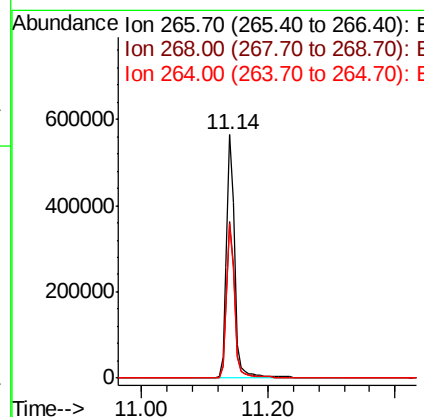
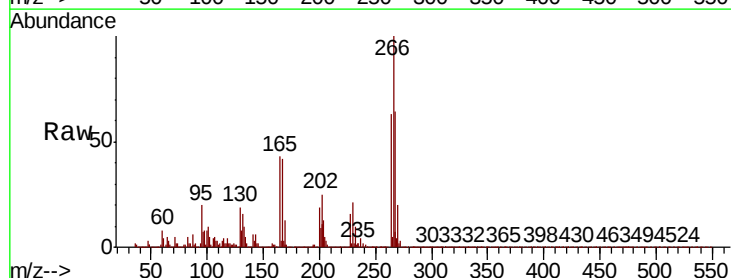
Manual Integrations
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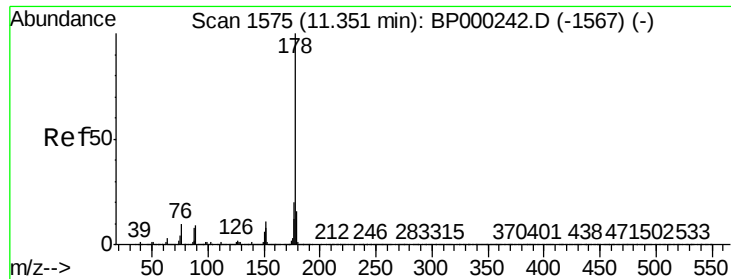
mohammad
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#70
Pentachlorophenol
Concen: 80.514 ng
RT: 11.14 min Scan# 1539
Delta R.T. 0.01 min
Lab File: BP000319.D
Acq: 19 Sep 2019 10:41

Tgt Ion	Ratio	Resp	Lower	Upper
266	100			
268	64.2	51.6	77.4	
264	63.1	50.8	76.2	





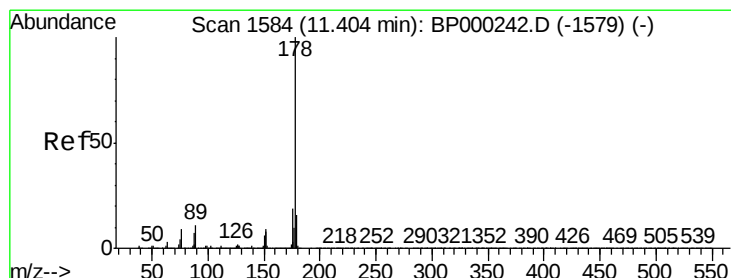
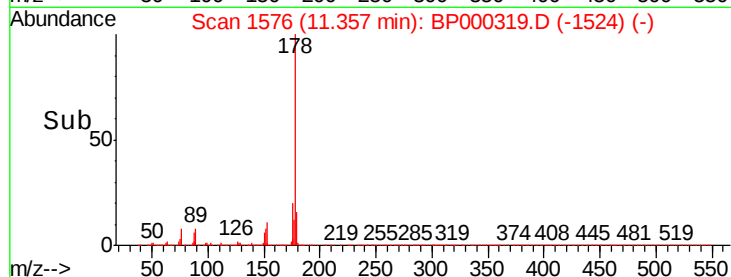
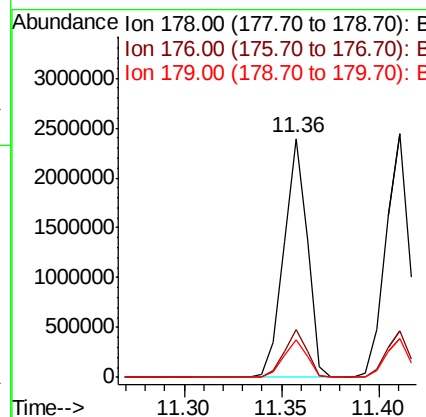
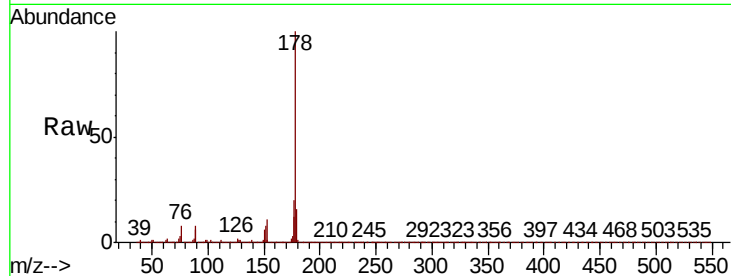
#71
Phenanthrene
Concen: 41.316 ng
RT: 11.36 min Scan# 1576
Delta R.T. 0.01 min
Lab File: BP000319.D
Acq: 19 Sep 2019 10:41

Instrument :
BNA_P
ClientSampleId :
PB123199BS

Tot Ion:178 Resp: 1989460
Ion Ratio Lower Upper
178 100
176 19.7 15.8 23.8
179 15.8 12.7 19.1

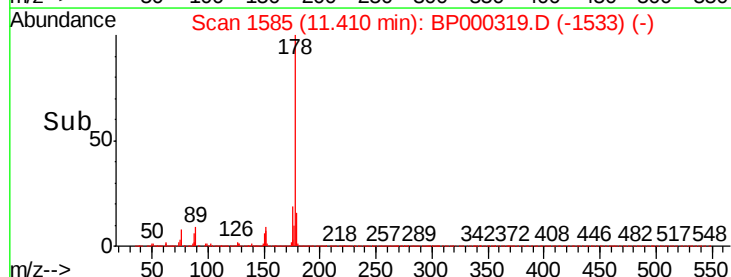
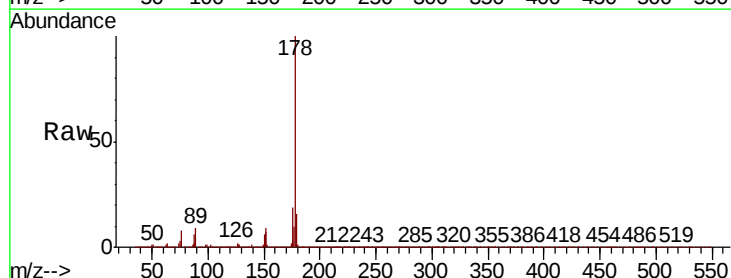
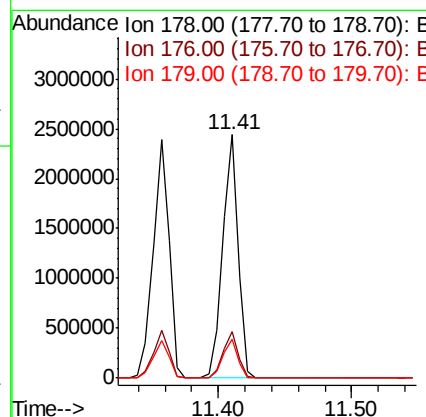
Manual Integrations
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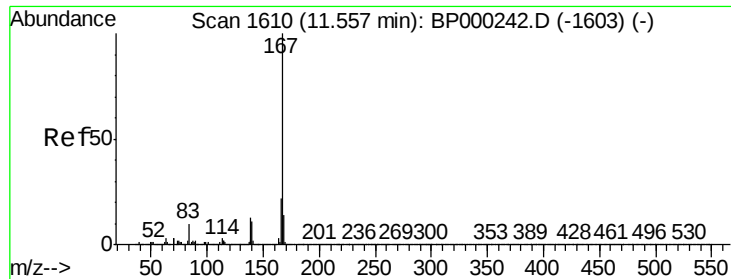
mohammad
9/20/2019 1:08:28 PM



#72
Anthracene
Concen: 40.373 ng
RT: 11.41 min Scan# 1585
Delta R.T. 0.01 min
Lab File: BP000319.D
Acq: 19 Sep 2019 10:41

Tgt Ion:178 Resp: 2001061
Ion Ratio Lower Upper
178 100
176 19.2 15.4 23.0
179 15.8 12.7 19.1





#73

Carbazole

Concen: 40.921 ng

RT: 11.56 min Scan# 1611

Delta R.T. 0.01 min

Lab File: BP000319.D

Acq: 19 Sep 2019 10:41

Instrument :

BNA_P

ClientSampleId :

PB123199BS

Tot Ion:167 Resp: 1826522

Ion Ratio Lower Upper

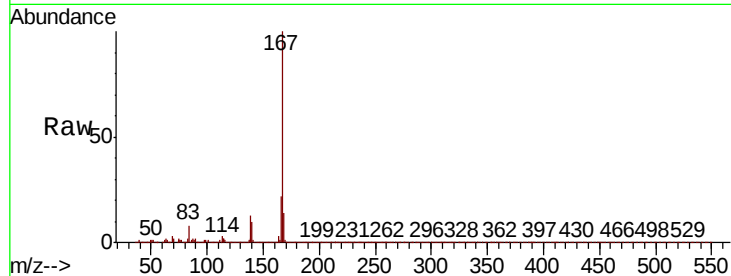
167 100

166 22.1 17.8 26.8

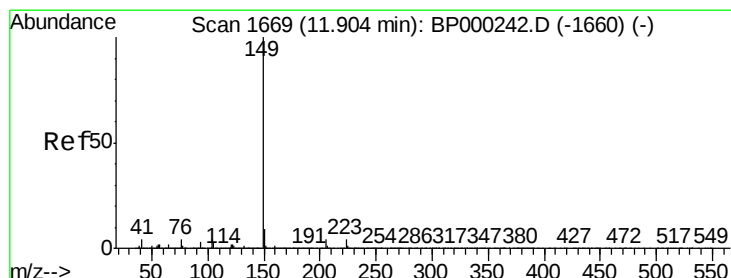
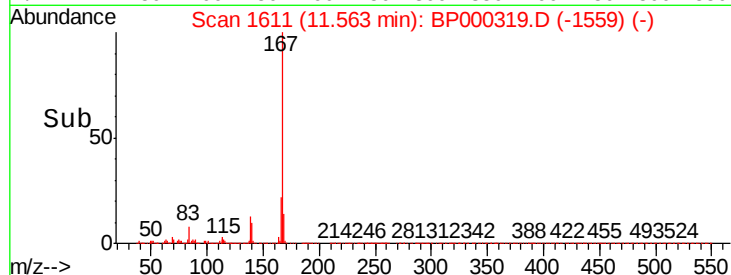
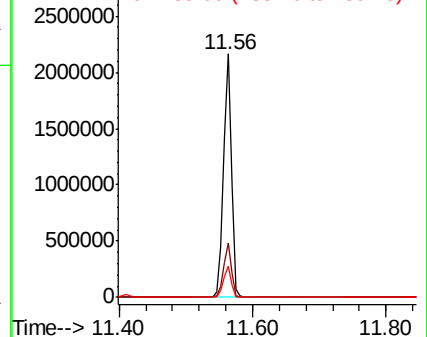
139 13.0 10.8 16.2

Manual Integrations
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Abundance Ion 167.00 (166.70 to 167.70): E
Ion 166.00 (165.70 to 166.70): E
Ion 139.00 (138.70 to 139.70): E



#74

Di-n-butylphthalate

Concen: 39.528 ng

RT: 11.90 min Scan# 1668

Delta R.T. -0.01 min

Lab File: BP000319.D

Acq: 19 Sep 2019 10:41

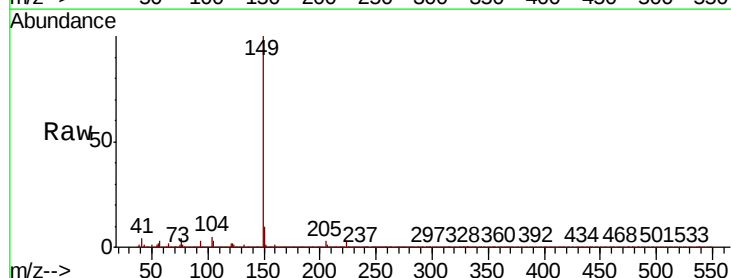
Tgt Ion:149 Resp: 2233286

Ion Ratio Lower Upper

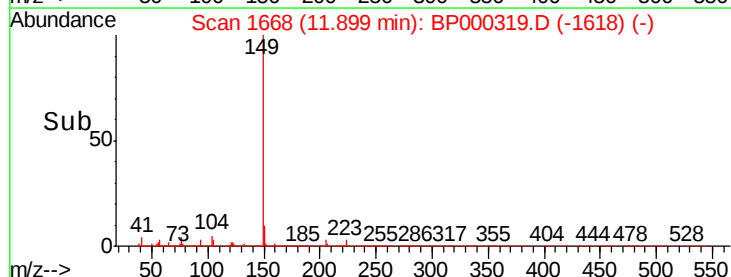
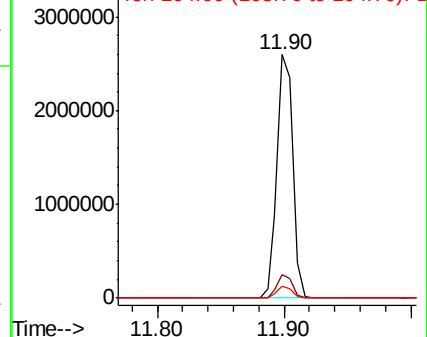
149 100

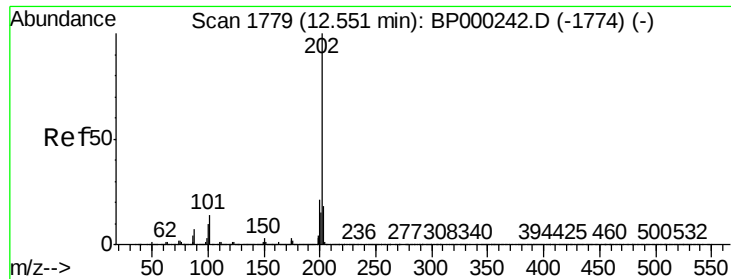
150 9.5 7.4 11.2

104 4.9 3.5 5.3



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 104.00 (103.70 to 104.70): E





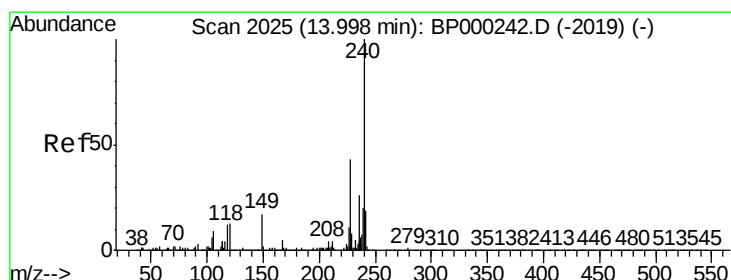
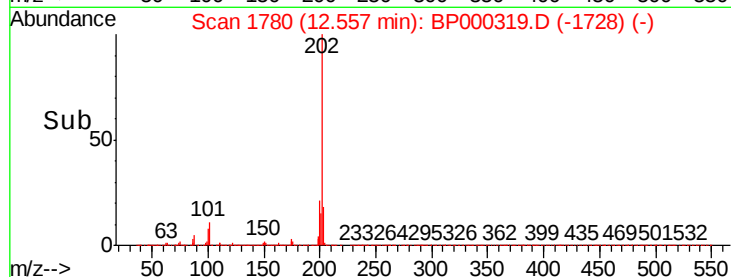
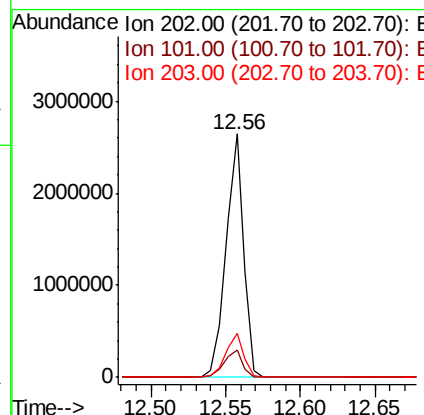
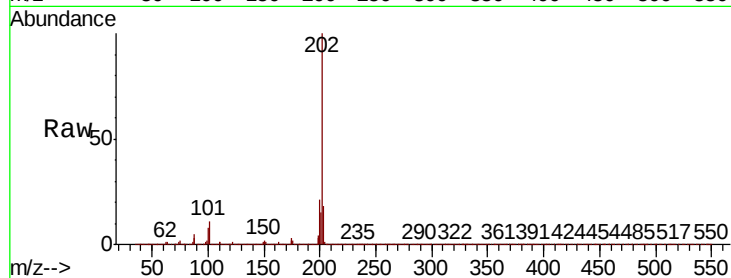
#75
Fluoranthene
Concen: 42.724 ng
RT: 12.56 min Scan# 1780
Delta R.T. 0.01 min
Lab File: BP000319.D
Acq: 19 Sep 2019 10:41

Instrument :
BNA_P
ClientSampleId :
PB123199BS

Tot Ion	Ratio	Lower	Upper
202	100		
101	11.0	0.0	33.9
203	18.0	0.0	38.0

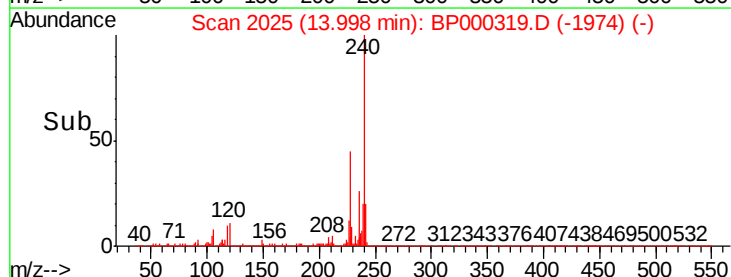
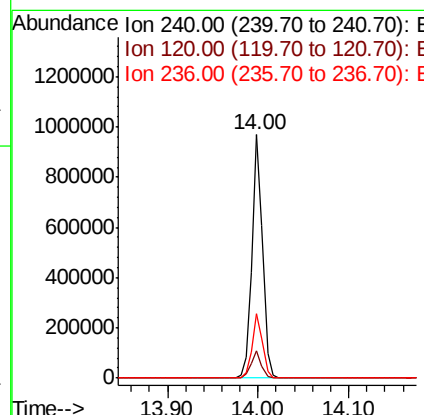
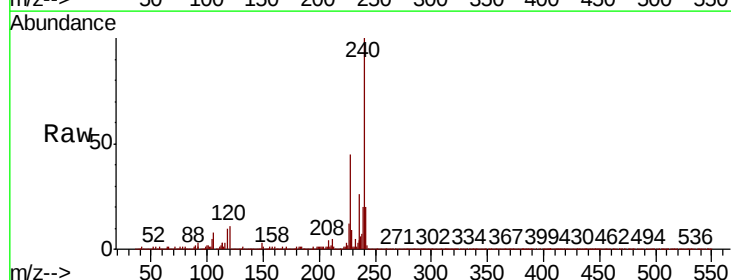
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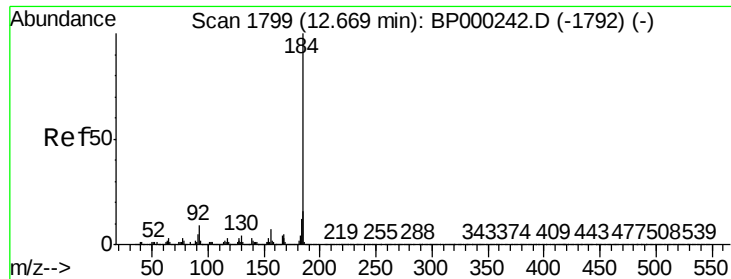
mohammad
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#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.00 min Scan# 2025
Delta R.T. 0.00 min
Lab File: BP000319.D
Acq: 19 Sep 2019 10:41

Tgt Ion	Ratio	Lower	Upper
240	100		
120	11.3	10.4	15.6
236	26.3	21.0	31.6





#77

Benzidine

Concen: 30.646 ng

RT: 12.67 min Scan# 1800

Delta R.T. 0.01 min

Lab File: BP000319.D

Acq: 19 Sep 2019 10:41

Instrument :

BNA_P

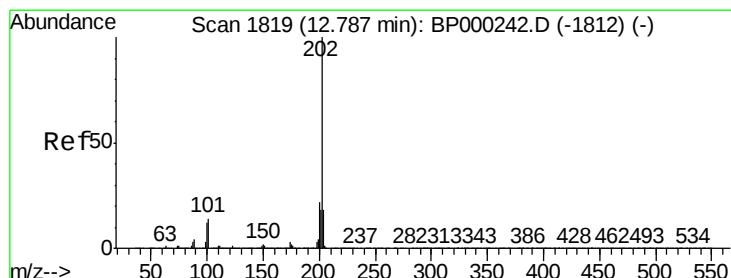
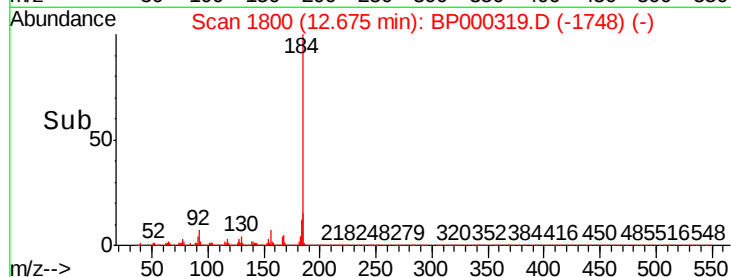
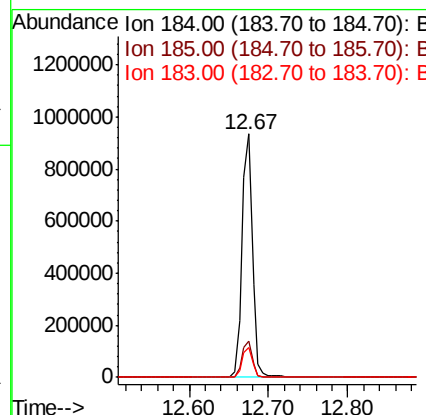
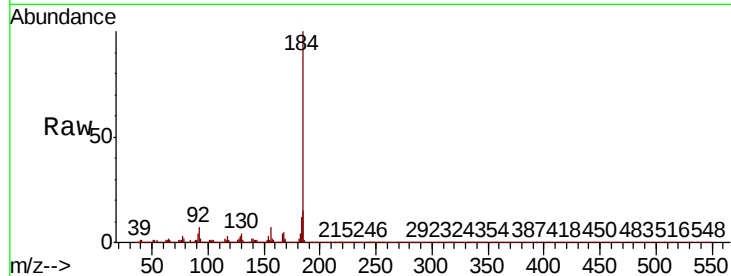
ClientSampleId :

PB123199BS

Tot Ion	Ratio	Lower	Upper
184	100		
185	14.7	12.7	19.1
183	12.1	9.5	14.3

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#78

Pyrene

Concen: 37.241 ng

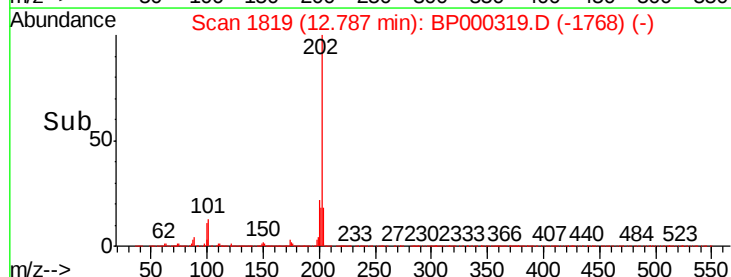
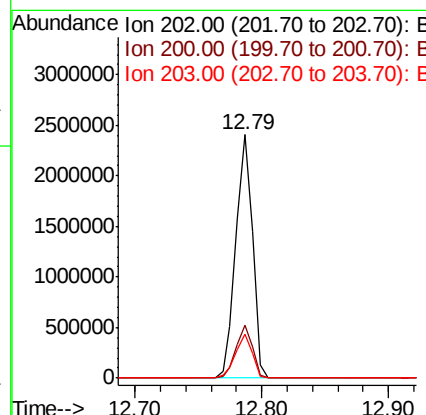
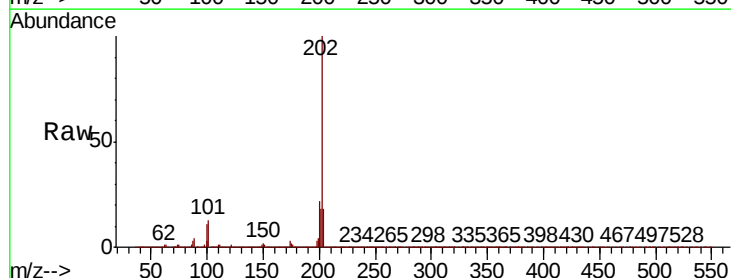
RT: 12.79 min Scan# 1819

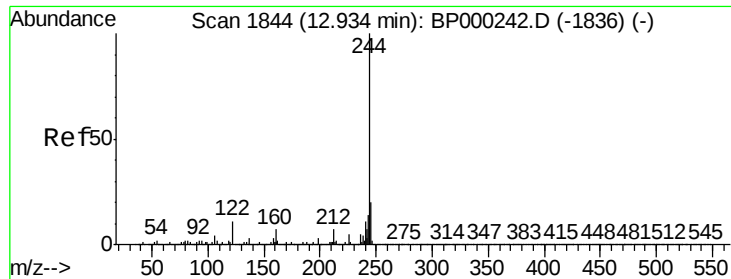
Delta R.T. 0.00 min

Lab File: BP000319.D

Acq: 19 Sep 2019 10:41

Tgt Ion	Ratio	Lower	Upper
202	100		
200	21.8	17.5	26.3
203	18.0	14.3	21.5





#79

Terphenyl-d14

Concen: 67.738 ng

RT: 12.93 min Scan# 1844

Delta R.T. 0.00 min

Lab File: BP000319.D

Acq: 19 Sep 2019 10:41

Instrument :

BNA_P

ClientSampleId :

PB123199BS

Tot Ion:244 Resp: 2521442

Ion Ratio Lower Upper

244 100

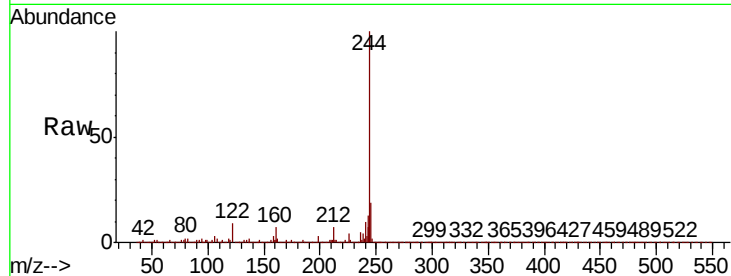
212 7.2 5.9 8.9

122 9.5 9.0 13.4

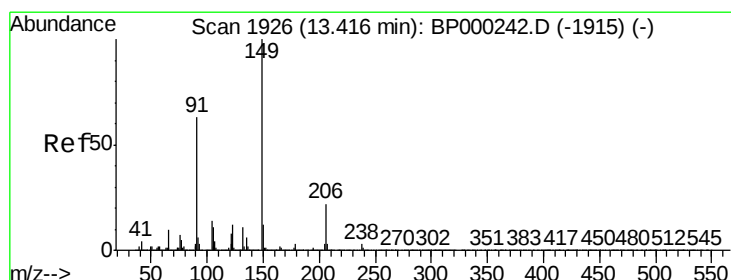
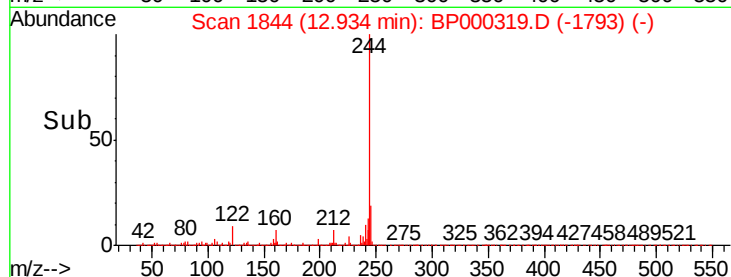
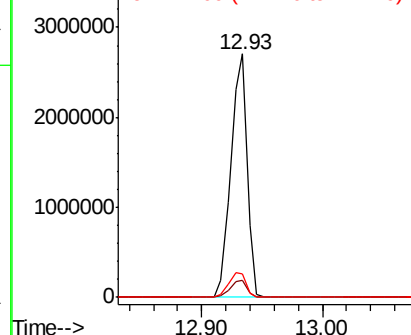
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Abundance Ion 244.00 (243.70 to 244.70): E
Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 33.553 ng

RT: 13.41 min Scan# 1925

Delta R.T. -0.01 min

Lab File: BP000319.D

Acq: 19 Sep 2019 10:41

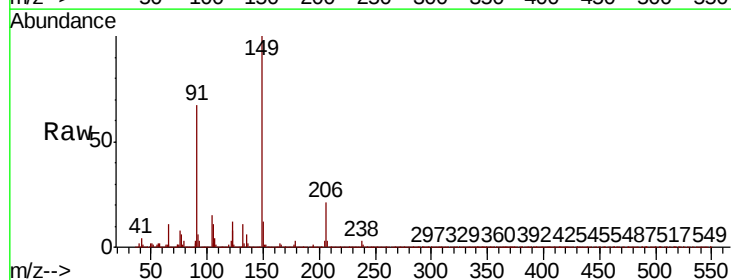
Tgt Ion:149 Resp: 900754

Ion Ratio Lower Upper

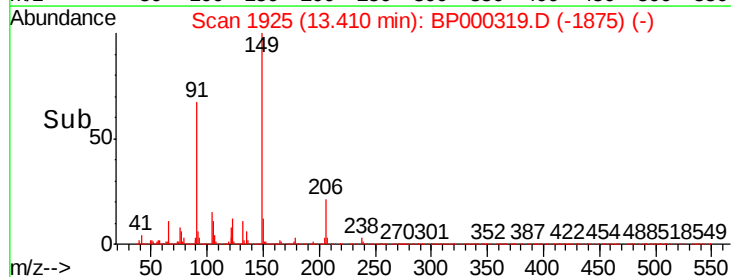
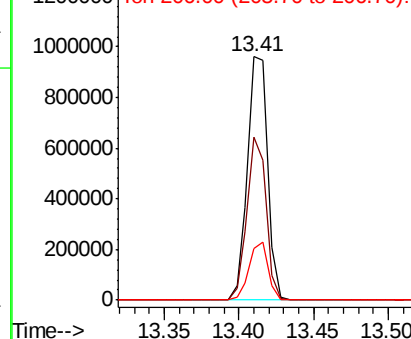
149 100

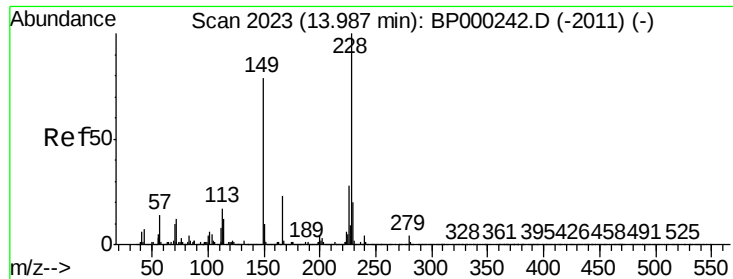
91 66.7 50.6 76.0

206 21.2 17.8 26.6



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 91.00 (90.70 to 91.70): BP0
Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 38.939 ng

RT: 13.99 min Scan# 2023

Delta R.T. 0.00 min

Lab File: BP000319.D

Acq: 19 Sep 2019 10:41

Instrument :

BNA_P

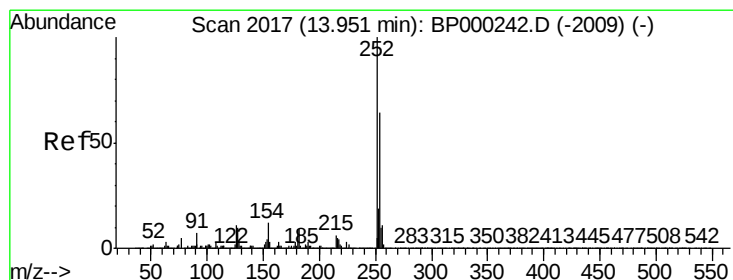
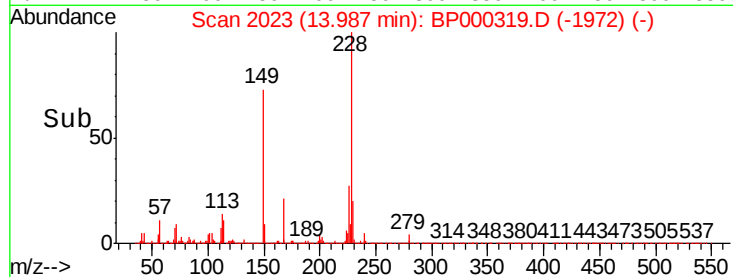
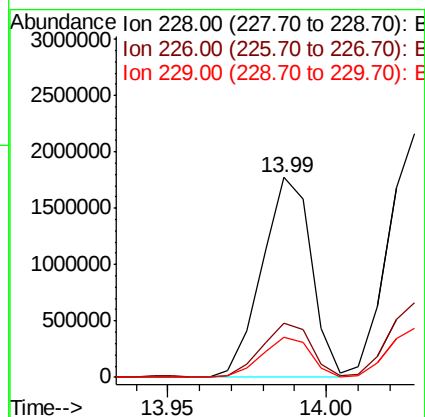
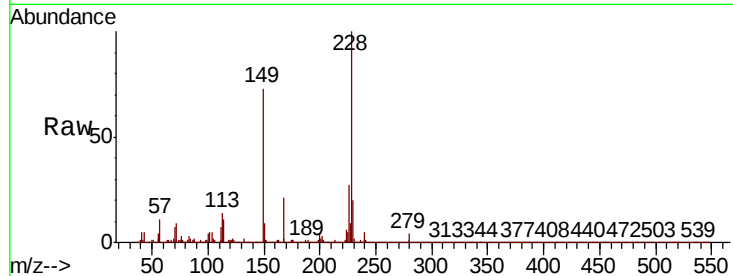
ClientSampleId :

PB123199BS

Tot Ion:	228	Resp:	1920723
Ion	Ratio	Lower	Upper
228	100		
226	27.4	22.2	33.4
229	19.9	16.0	24.0

Manual Integrations
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#82

3,3'-Dichlorobenzidine

Concen: 34.425 ng

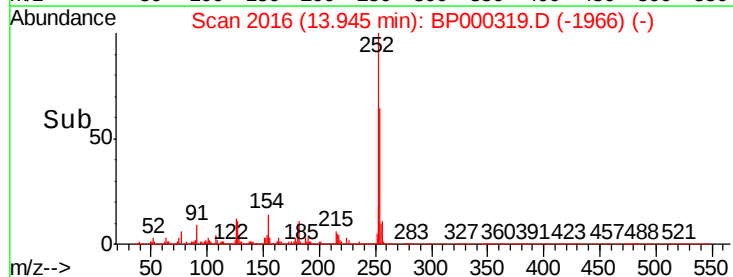
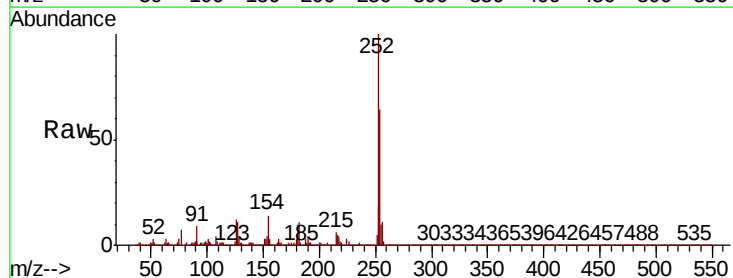
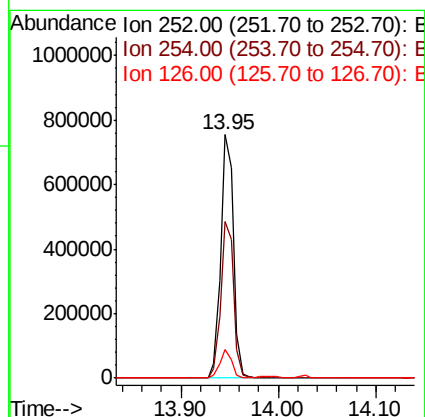
RT: 13.95 min Scan# 2016

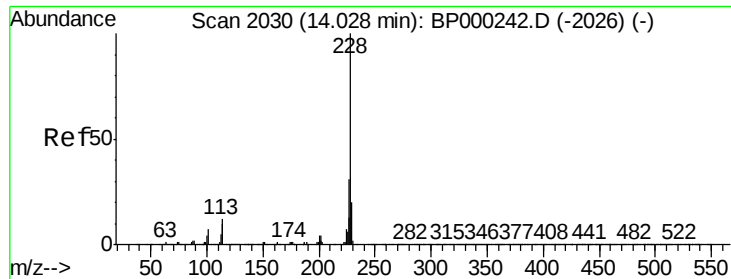
Delta R.T. -0.01 min

Lab File: BP000319.D

Acq: 19 Sep 2019 10:41

Tgt Ion:	252	Resp:	682447
Ion	Ratio	Lower	Upper
252	100		
254	64.3	51.5	77.3
126	11.7	8.4	12.6





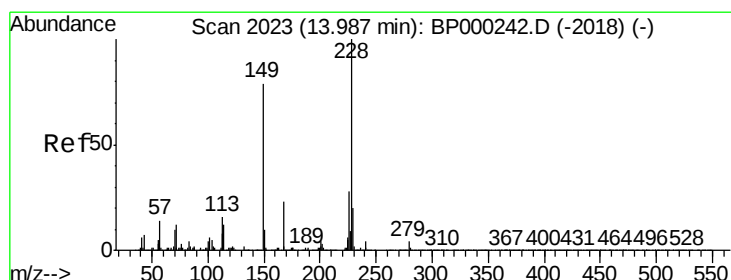
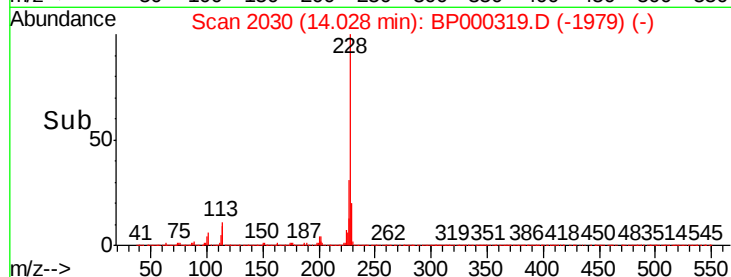
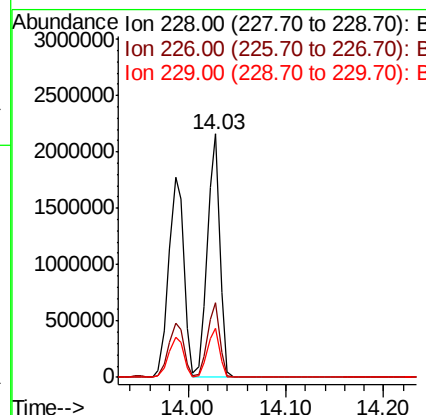
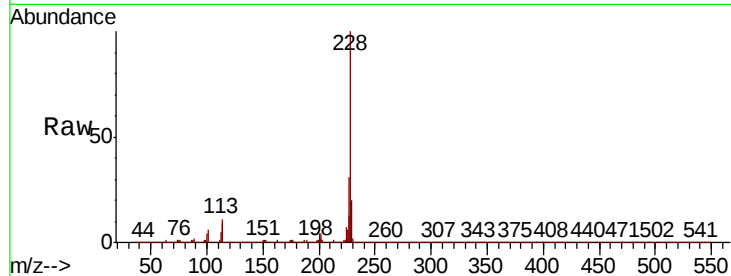
#83
 Chrysene
 Concen: 39.251 ng
 RT: 14.03 min Scan# 2030
 Delta R.T. 0.00 min
 Lab File: BP000319.D
 Acq: 19 Sep 2019 10:41

Instrument :
 BNA_P
 ClientSampleId :
 PB123199BS

Tot Ion	Ratio	Lower	Upper
228	100		
226	30.8	24.9	37.3
229	20.2	16.2	24.2

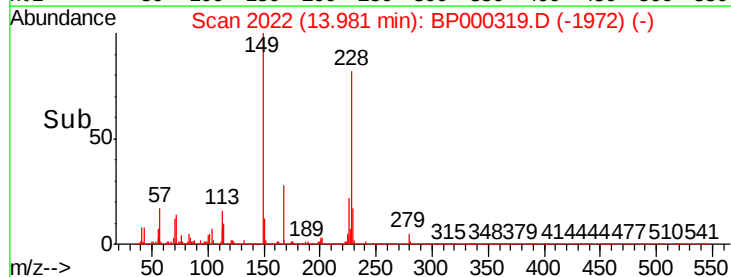
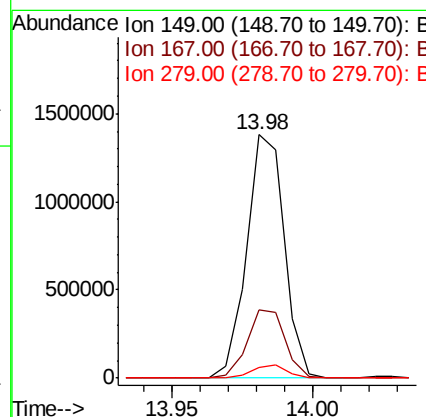
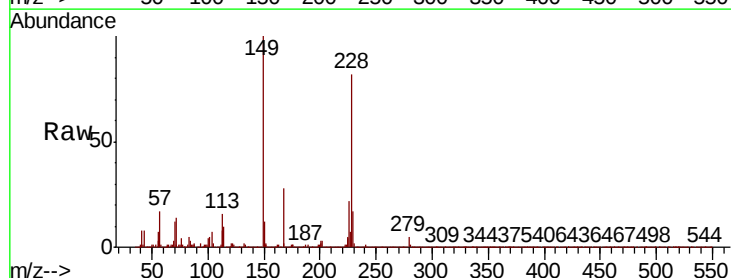
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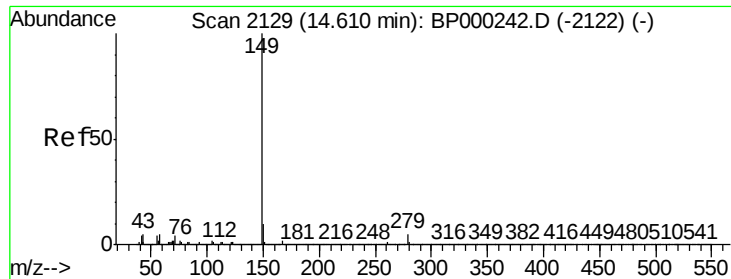
mohammad
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#84
 Bis(2-ethylhexyl)phthalate
 Concen: 39.660 ng
 RT: 13.98 min Scan# 2022
 Delta R.T. -0.01 min
 Lab File: BP000319.D
 Acq: 19 Sep 2019 10:41

Tgt Ion	Ratio	Lower	Upper
149	100		
167	28.1	23.0	34.4
279	4.6	3.7	5.5





#85

Di-n-octyl phthalate

Concen: 37.190 ng

RT: 14.60 min Scan# 2128

Delta R.T. -0.01 min

Lab File: BP000319.D

Acq: 19 Sep 2019 10:41

Instrument :

BNA_P

ClientSampleId :

PB123199BS

Tot Ion:149 Resp: 2221241

Ion Ratio Lower Upper

149 100

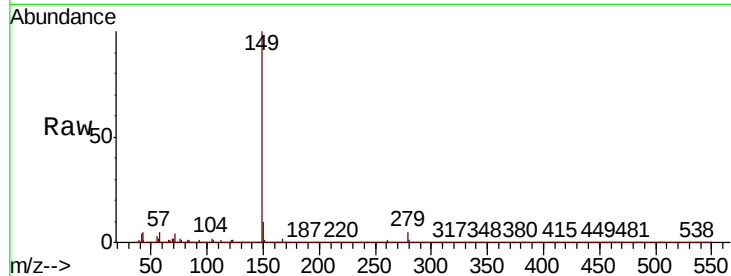
167 1.6 1.4 2.0

43 5.4 5.0 7.6

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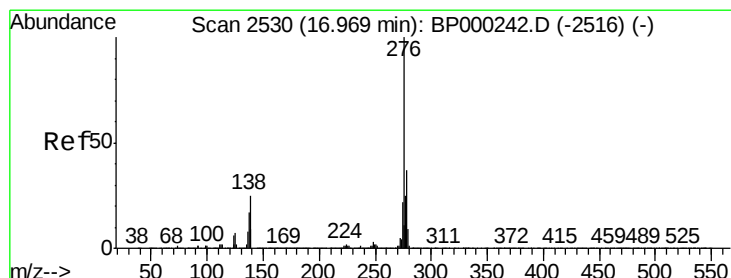
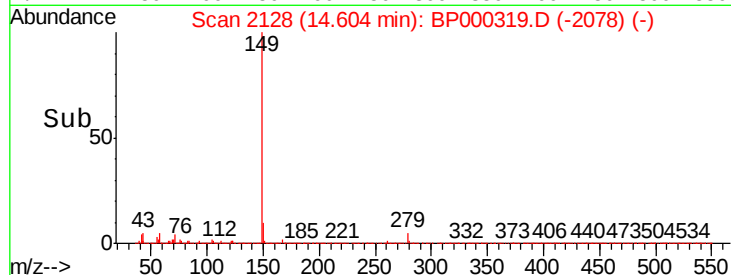
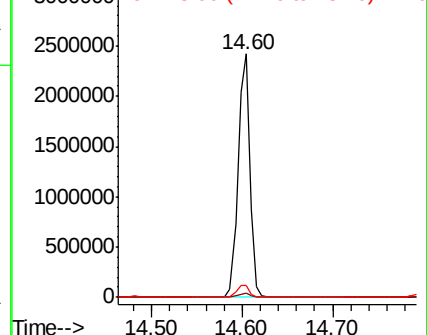
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Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BP0



#86

Indeno(1,2,3-cd)pyrene

Concen: 34.224 ng

RT: 16.97 min Scan# 2531

Delta R.T. 0.01 min

Lab File: BP000319.D

Acq: 19 Sep 2019 10:41

Tgt Ion:276 Resp: 2020439

Ion Ratio Lower Upper

276 100

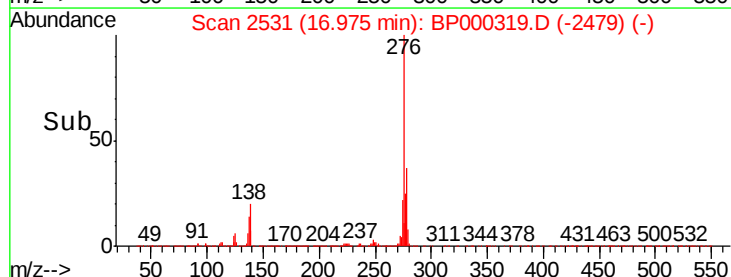
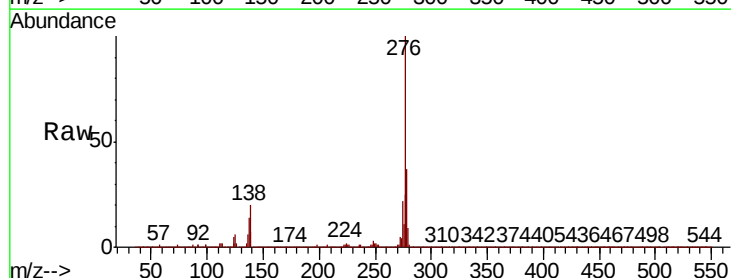
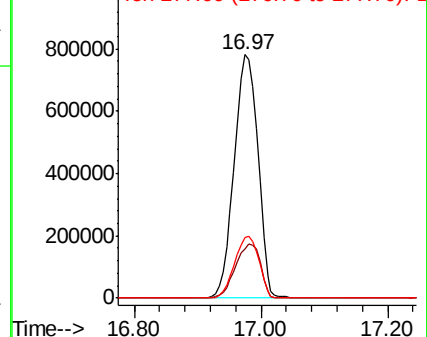
138 23.6 22.6 33.8

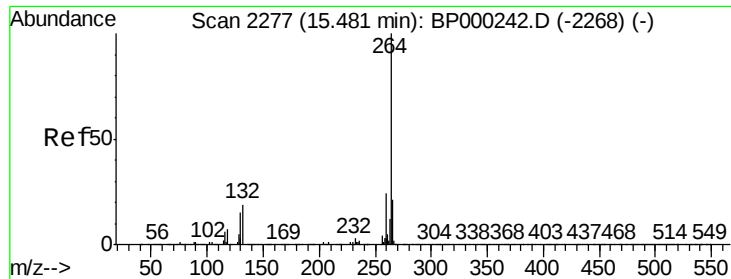
277 25.8 20.4 30.6

Abundance Ion 276.00 (275.70 to 276.70): E

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: 15.48 min Scan# 2277

Delta R.T. 0.00 min

Lab File: BP000319.D

Acq: 19 Sep 2019 10:41

Instrument :

BNA_P

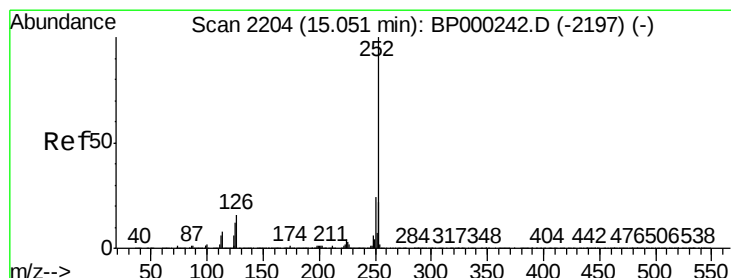
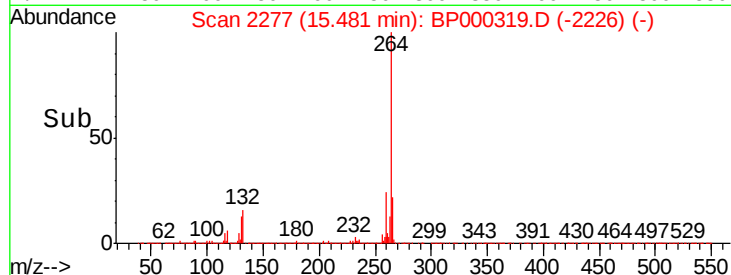
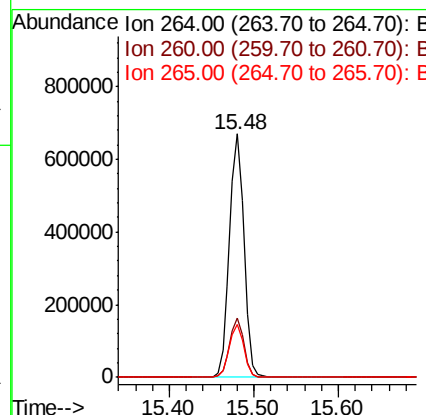
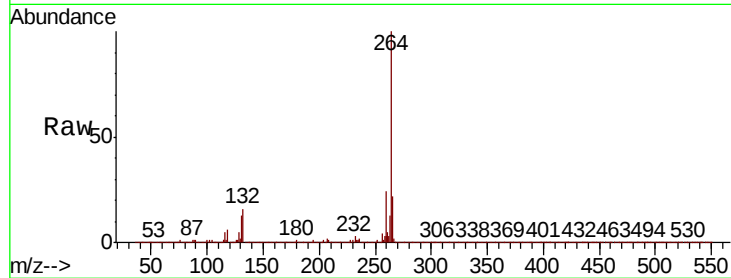
ClientSampleId :

PB123199BS

Tot Ion:	264	Resp:	800790
Ion Ratio	Lower	Upper	
264	100		
260	24.2	18.9	28.3
265	21.6	17.2	25.8

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#88

Benzo(b)fluoranthene

Concen: 42.511 ng

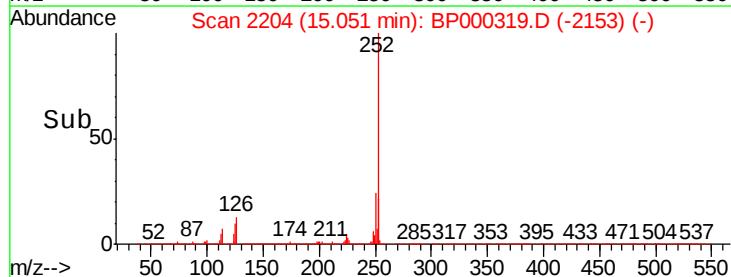
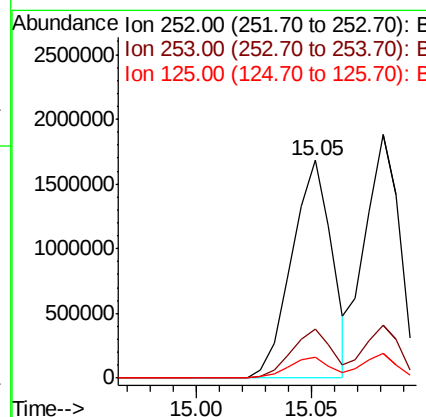
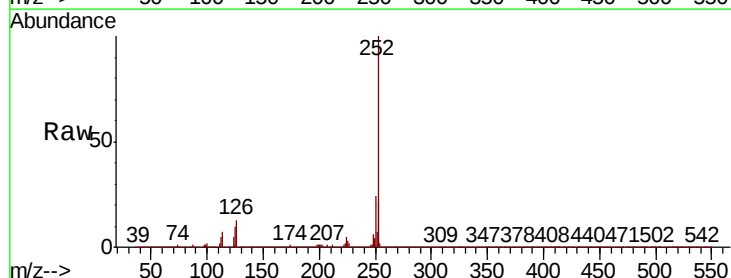
RT: 15.05 min Scan# 2204

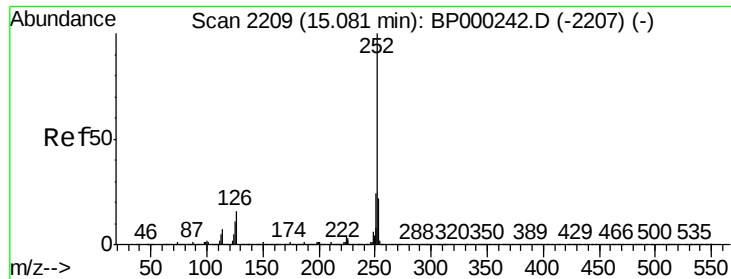
Delta R.T. 0.00 min

Lab File: BP000319.D

Acq: 19 Sep 2019 10:41

Tgt Ion:	252	Resp:	2030826
Ion Ratio	Lower	Upper	
252	100		
253	22.3	17.8	26.6
125	9.7	9.5	14.3





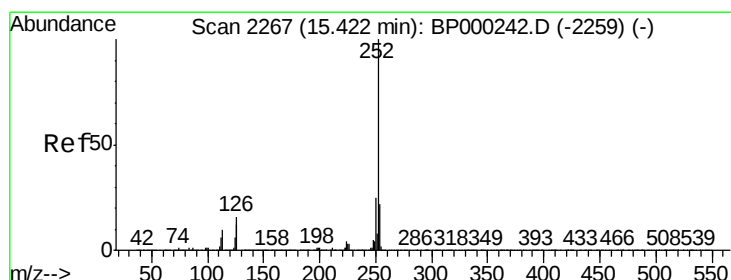
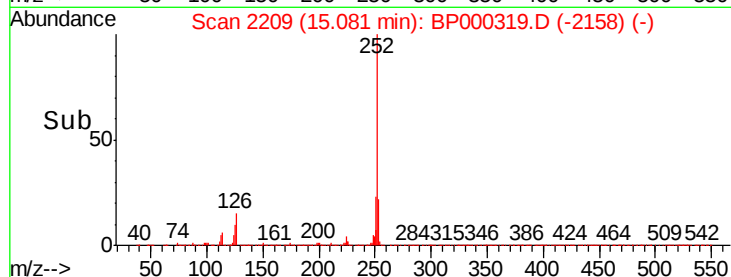
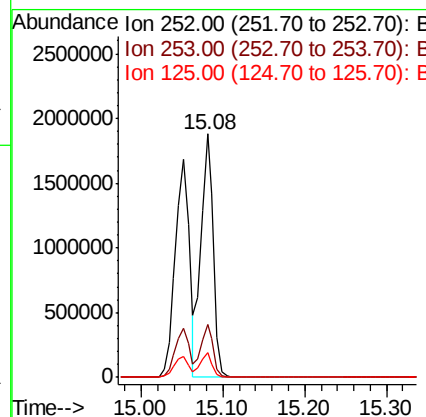
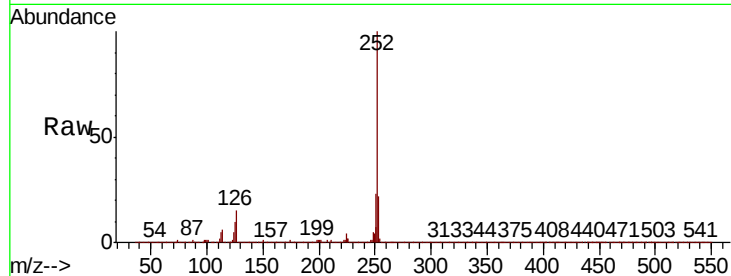
#89
Benzo(k)fluoranthene
Concen: 47.541 ng
RT: 15.08 min Scan# 2209
Delta R.T. 0.00 min
Lab File: BP000319.D
Acq: 19 Sep 2019 10:41

Instrument :
BNA_P
ClientSampleId :
PB123199BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.7	17.8	26.8
125	10.1	9.6	14.4

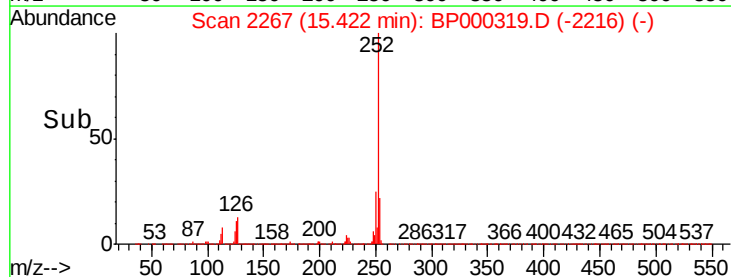
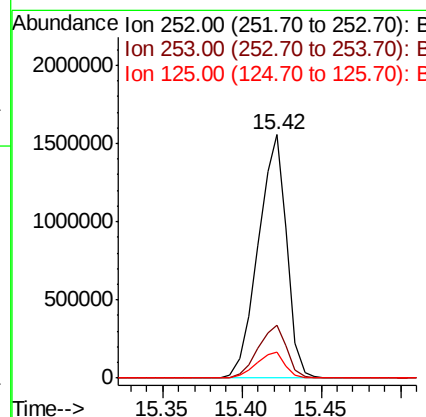
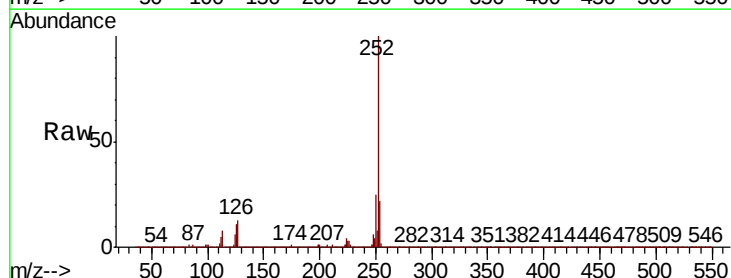
Manual Integrations
APPROVED

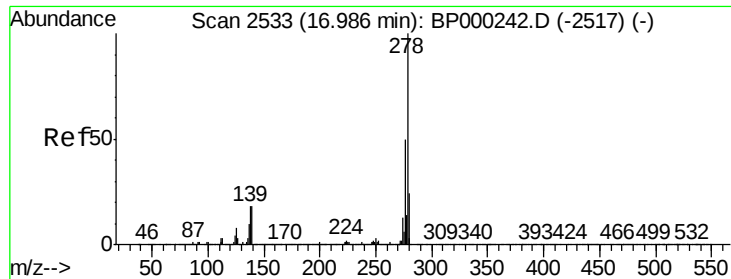
mohammad
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#90
Benzo(a)pyrene
Concen: 44.704 ng
RT: 15.42 min Scan# 2267
Delta R.T. 0.00 min
Lab File: BP000319.D
Acq: 19 Sep 2019 10:41

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.7	26.5
125	10.6	10.0	15.0





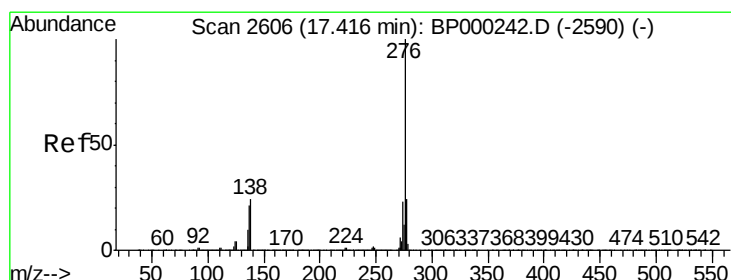
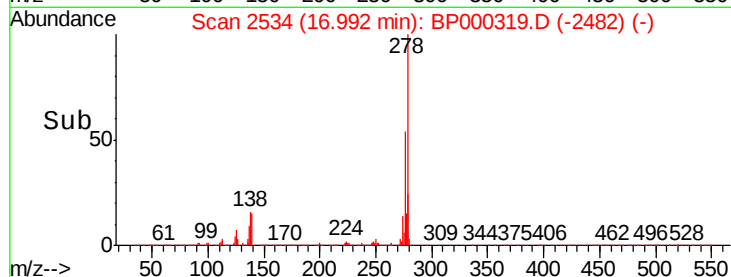
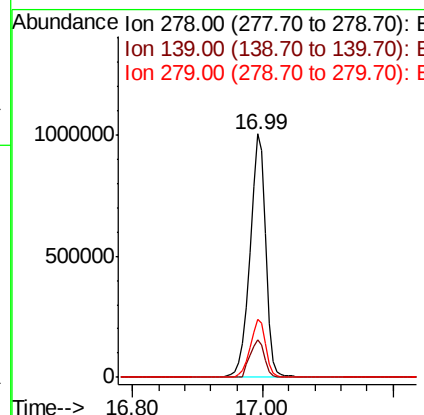
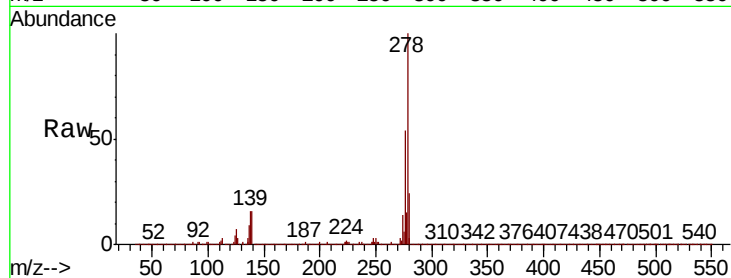
#91
Dibenzo(a,h)anthracene
Concen: 41.150 ng
RT: 16.99 min Scan# 2534
Delta R.T. 0.01 min
Lab File: BP000319.D
Acq: 19 Sep 2019 10:41

Instrument :
BNA_P
ClientSampled :
PB123199BS

Tot Ion	Ratio	Lower	Upper
278	100		
139	15.5	14.5	21.7
279	23.8	19.0	28.6

Manual Integrations
APPROVED

mohammad
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#92
Benzo(g,h,i)perylene
Concen: 40.624 ng
RT: 17.43 min Scan# 2608
Delta R.T. 0.01 min
Lab File: BP000319.D
Acq: 19 Sep 2019 10:41

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.6	19.1	28.7
138	20.3	19.5	29.3

