

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP092319\
 Data File : BP000367.D
 Acq On : 23 Sep 2019 17:44
 Operator : HP/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTDCCC040

Manual Integrations
 APPROVED

mohammad
 9/24/2019 2:38:37 PM

Quant Time: Sep 24 09:30:51 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	223909	20.00	ng	0.00
21) Naphthalene-d8	8.08	136	703273	20.00	ng	0.00
39) Acenaphthene-d10	9.83	164	395716	20.00	ng	0.00
64) Phenanthrene-d10	11.33	188	758111	20.00	ng	0.00
76) Chrysene-d12	14.00	240	637219	20.00	ng	0.00
87) Perylene-d12	15.47	264	742569	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.41	112	1067850	82.33	ng	0.00
7) Phenol-d6	6.43	99	1367035	85.98	ng	0.00
23) Nitrobenzene-d5	7.35	82	1141228	104.70	ng	0.00
42) 2,4,6-Tribromophenol	10.63	330	385585	98.24	ng	0.00
45) 2-Fluorobiphenyl	9.15	172	2042142	92.88	ng	0.00
79) Terphenyl-d14	12.93	244	2633631	86.70	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.48	88	234957	40.144	ng	99
3) Pyridine	3.23	79	609718	38.696	ng	99
4) n-Nitrosodimethylamine	3.17	42	170520	38.380	ng	100
6) Aniline	6.45	93	924681	42.183	ng	99
8) 2-Chlorophenol	6.58	128	600801	43.017	ng	97
9) Benzaldehyde	6.33	77	367662	43.417	ng	98
10) Phenol	6.44	94	780004	43.182	ng	91
11) bis(2-Chloroethyl)ether	6.52	93	583571	42.188	ng	99
12) 1,3-Dichlorobenzene	6.73	146	720353	42.981	ng	99
13) 1,4-Dichlorobenzene	6.81	146	730111	43.784	ng	96
14) 1,2-Dichlorobenzene	6.96	146	679015	44.452	ng	99
15) Benzyl Alcohol	6.93	79	497890	43.034	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.07	45	539107	41.109	ng	98
17) 2-Methylphenol	7.05	107	500638	41.852	ng	99
18) Hexachloroethane	7.30	117	265260	42.985	ng	98
19) n-Nitroso-di-n-propylamine	7.20	70	349486	41.577	ng	97
20) 3+4-Methylphenols	7.20	107	618304	42.744	ng	94
22) Acetophenone	7.19	105	822797	53.987	ng	# 96
24) Nitrobenzene	7.37	77	586509	51.804	ng	98
25) Isophorone	7.61	82	1036504	48.022	ng	98
26) 2-Nitrophenol	7.69	139	252705	42.103	ng	96
27) 2,4-Dimethylphenol	7.73	122	384268	40.193	ng	98
28) bis(2-Chloroethoxy)methane	7.82	93	582852	40.601	ng	100
29) 2,4-Dichlorophenol	7.93	162	444164	43.347	ng	98
30) 1,2,4-Trichlorobenzene	8.02	180	522773	44.511	ng	99
31) Naphthalene	8.10	128	1435207	44.064	ng	99
32) Benzoic acid	7.82	122	216485m	33.536	ng	
33) 4-Chloroaniline	8.14	127	628675	42.650	ng	100
34) Hexachlorobutadiene	8.22	225	327133	47.008	ng	98
35) Caprolactam	8.50	113	145728	41.807	ng	97
36) 4-Chloro-3-methylphenol	8.63	107	442663	42.555	ng	98
37) 2-Methylnaphthalene	8.79	142	985792	44.274	ng	99
38) 1-Methylnaphthalene	8.89	142	927556	44.472	ng	99
40) 1,2,4,5-Tetrachlorobenzene	8.96	216	516828	45.680	ng	99

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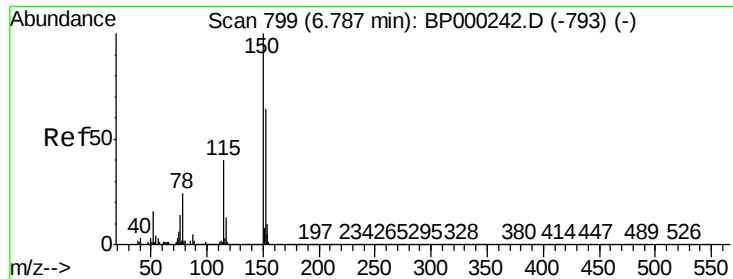
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.95	237	230638	35.499	nq	99
43) 2,4,6-Trichlorophenol	9.07	196	338828	43.279	nq	99
44) 2,4,5-Trichlorophenol	9.11	196	348959	43.530	nq	98
46) 1,1'-Biphenyl	9.25	154	1217968	44.492	nq	99
47) 2-Chloronaphthalene	9.28	162	1013203	44.122	nq	99
48) 2-Nitroaniline	9.37	65	240076	41.168	nq	99
49) Acenaphthylene	9.69	152	1533712	44.432	nq	99
50) Dimethylphthalate	9.55	163	1202095	44.587	nq	99
51) 2,6-Dinitrotoluene	9.61	165	264596	44.635	nq	98
52) Acenaphthene	9.87	154	958243	43.990	nq	100
53) 3-Nitroaniline	9.78	138	295473	42.941	nq	99
54) 2,4-Dinitrophenol	9.89	184	93802	35.816	nq	92
55) Dibenzofuran	10.04	168	1394685	45.291	nq	100
56) 4-Nitrophenol	9.95	139	195829	38.264	nq	95
57) 2,4-Dinitrotoluene	10.02	165	354160	45.700	nq	99
58) Fluorene	10.39	166	1061124	44.614	nq	100
59) 2,3,4,6-Tetrachlorophenol	10.16	232	290880	44.096	nq	99
60) Diethylphthalate	10.26	149	1182574	45.597	nq	99
61) 4-Chlorophenyl-phenylether	10.38	204	580242	47.525	nq	98
62) 4-Nitroaniline	10.40	138	300226	44.360	nq	94
63) Azobenzene	10.54	77	923726	42.040	nq	98
65) 4,6-Dinitro-2-methylphenol	10.43	198	141228	39.619	nq	99
66) n-Nitrosodiphenylamine	10.49	169	969957	42.501	nq	99
67) 4-Bromophenyl-phenylether	10.87	248	379749	44.297	nq	97
68) Hexachlorobenzene	10.95	284	427667	45.632	nq	97
69) Atrazine	11.02	200	223596	34.935	nq	100
70) Pentachlorophenol	11.13	266	178206	34.912	nq	99
71) Phenanthrene	11.35	178	1682467	44.286	nq	100
72) Anthracene	11.40	178	1683758	43.058	nq	100
73) Carbazole	11.56	167	1531940	43.501	nq	100
74) Di-n-butylphthalate	11.90	149	1947176	43.682	nq	99
75) Fluoranthene	12.55	202	1902400	46.634	nq	97
77) Benzidine	12.67	184	777664	34.171	nq	99
78) Pyrene	12.78	202	1921196	40.298	nq	100
80) Butylbenzylphthalate	13.41	149	856340	39.091	nq	99
81) Benzo(a)anthracene	13.99	228	1726403	42.890	nq	100
82) 3,3'-Dichlorobenzidine	13.95	252	712780	44.062	nq	100
83) Chrysene	14.02	228	1674029	42.358	nq	99
84) Bis(2-ethylhexyl)phthalate	13.98	149	1115335	42.413	nq	100
85) Di-n-octyl phthalate	14.60	149	2011583	41.273	nq	99
86) Indeno(1,2,3-cd)pyrene	16.97	276	2039749	42.342	nq	95
88) Benzo(b)fluoranthene	15.05	252	1960548	44.257	nq	98
89) Benzo(k)fluoranthene	15.07	252	1631989	42.234	nq	98
90) Benzo(a)pyrene	15.42	252	1709016	42.399	nq	98
91) Dibenzo(a,h)anthracene	16.99	278	1646558	43.814	nq	97
92) Benzo(g,h,i)perylene	17.42	276	1629806	42.192	nq	97

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



#1

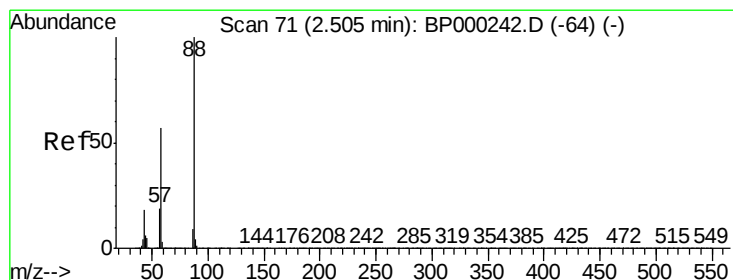
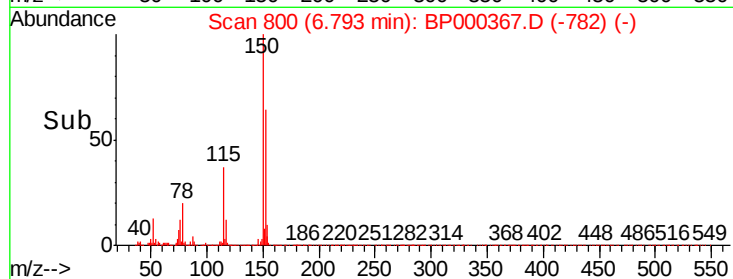
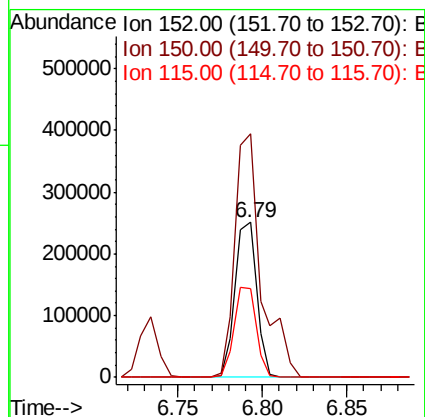
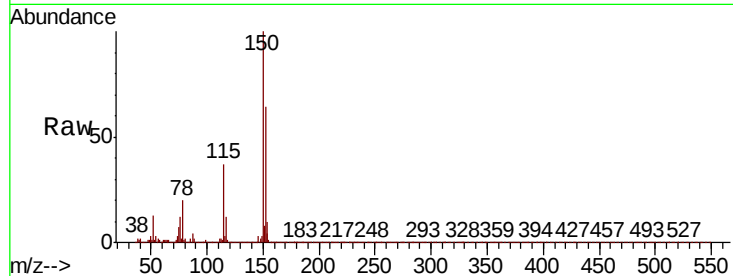
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.79 min Scan# 800
Delta R.T. 0.01 min
Lab File: BP000367.D
Acq: 23 Sep 2019 17:44

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.0	125.2	187.8
115	57.4	49.7	74.5

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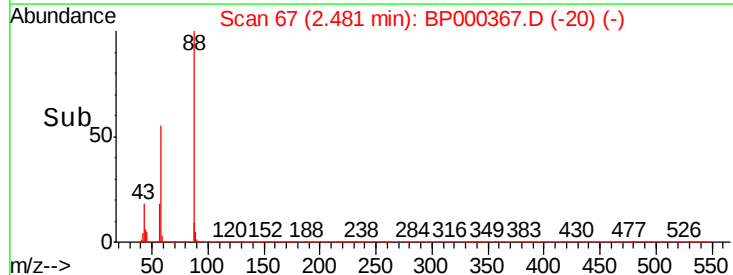
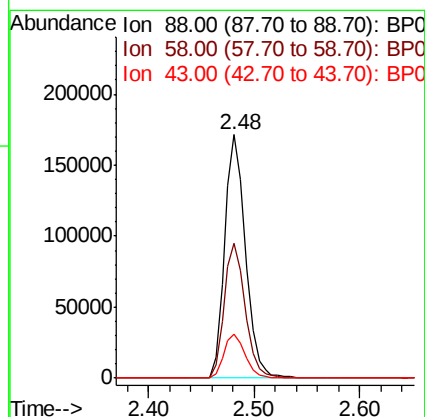
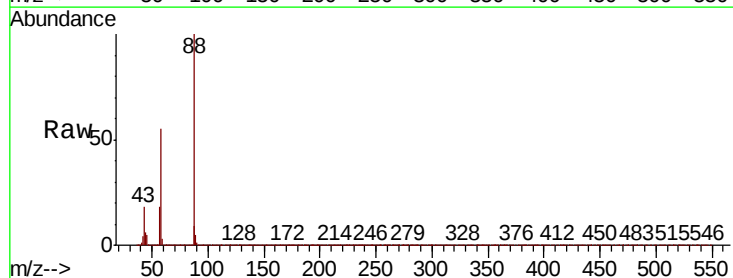
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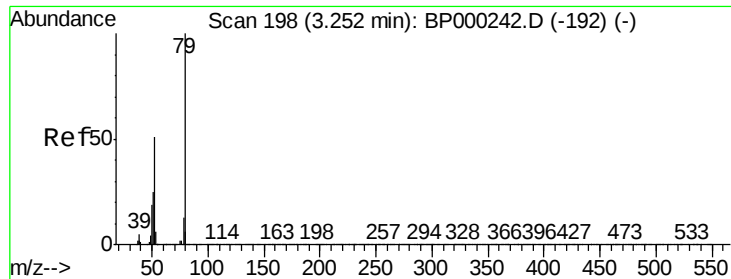


#2

1,4-Dioxane
Concen: 40.144 ng
RT: 2.48 min Scan# 67
Delta R.T. -0.02 min
Lab File: BP000367.D
Acq: 23 Sep 2019 17:44

Tgt Ion	Ratio	Lower	Upper
88	100		
58	56.1	45.4	68.2
43	18.2	15.0	22.6





#3

Pvridine

Concen: 38.696 ng

RT: 3.23 min Scan# 194

Delta R.T. -0.02 min

Lab File: BP000367.D

Acq: 23 Sep 2019 17:44

Instrument :

BNA_P

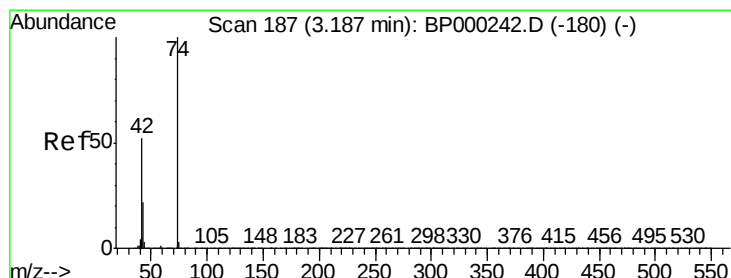
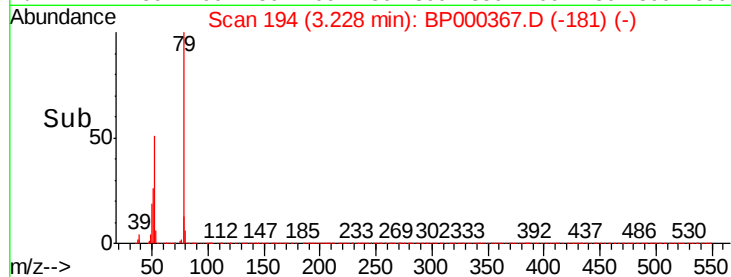
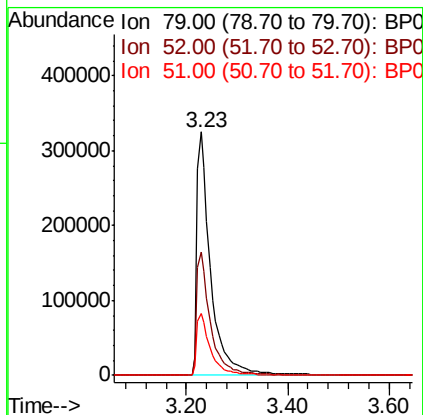
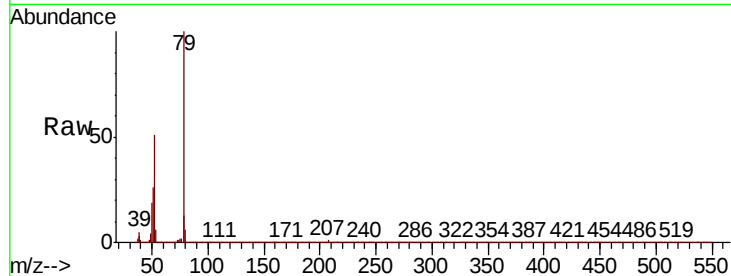
ClientSampleId :

SSTDCCC040

Tot Ion:	79	Resp:	609718
Ion Ratio	Lower	Upper	
79	100		
52	50.7	40.9	61.3
51	25.6	20.2	30.2

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#4

n-Nitrosodimethylamine

Concen: 38.380 ng

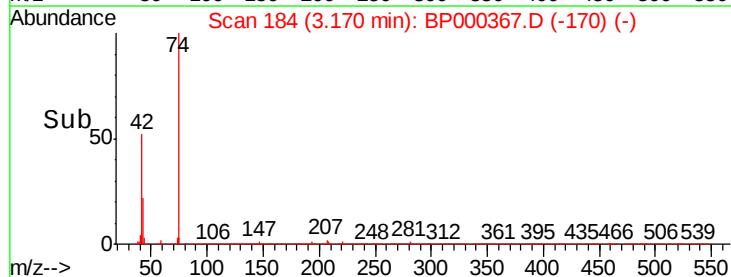
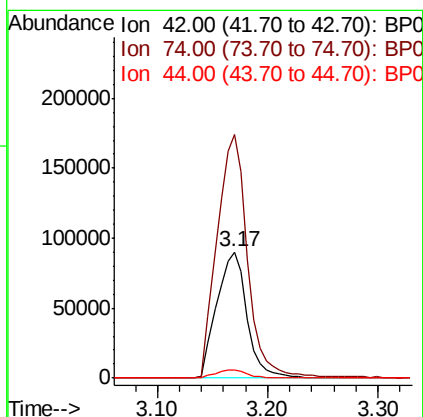
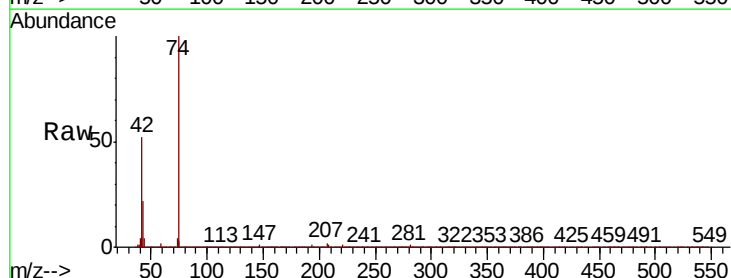
RT: 3.17 min Scan# 184

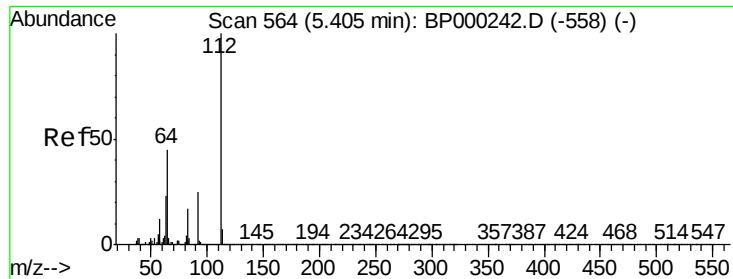
Delta R.T. -0.02 min

Lab File: BP000367.D

Acq: 23 Sep 2019 17:44

Tgt Ion:	42	Resp:	170520
Ion Ratio	Lower	Upper	
42	100		
74	192.8	154.5	231.7
44	6.8	5.9	8.9





#5

2-Fluorophenol

Concen: 82.332 ng

RT: 5.41 min Scan# 565

Delta R.T. 0.01 min

Lab File: BP000367.D

Acq: 23 Sep 2019 17:44

Instrument :

BNA_P

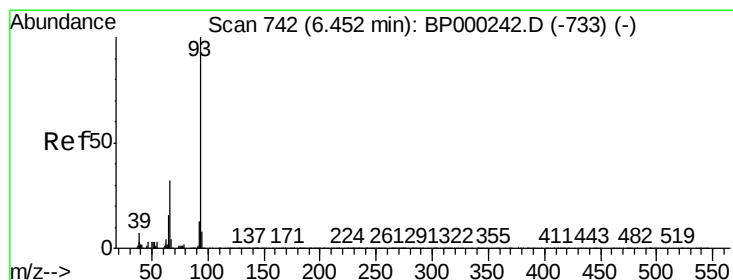
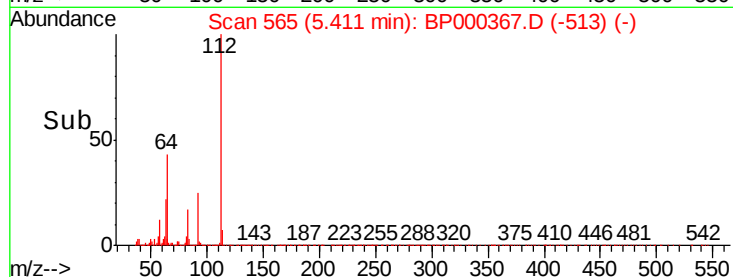
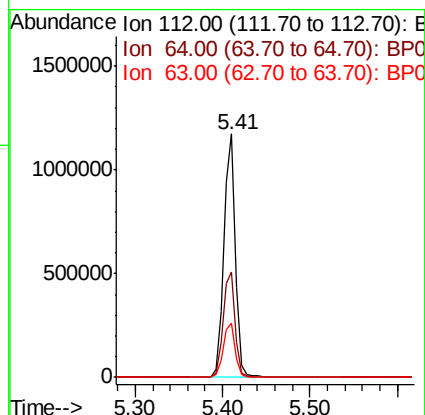
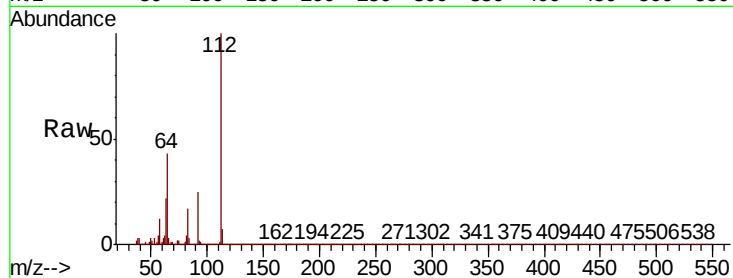
ClientSampleId :

SSTDCCC040

Tot Ion:	112	Resp:	1067850
Ion	Ratio	Lower	Upper
112	100		
64	43.3	36.2	54.4
63	22.4	18.3	27.5

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#6

Aniline

Concen: 42.183 ng

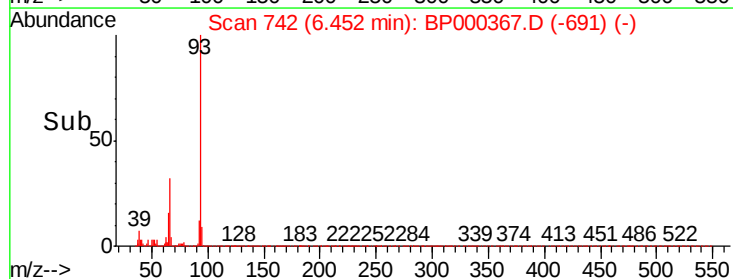
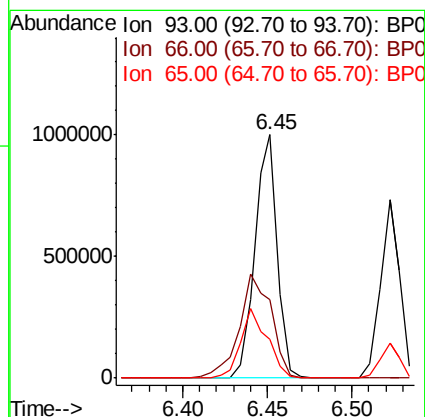
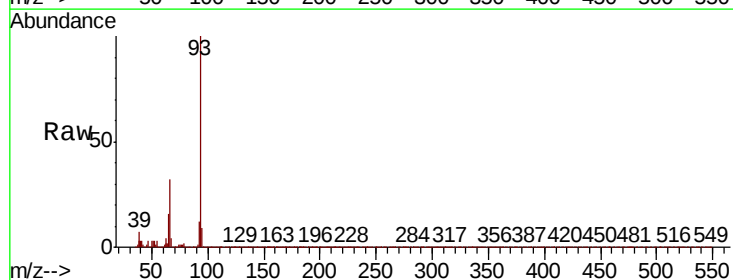
RT: 6.45 min Scan# 742

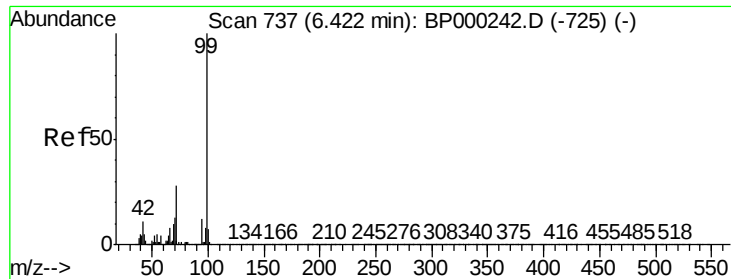
Delta R.T. 0.00 min

Lab File: BP000367.D

Acq: 23 Sep 2019 17:44

Tgt Ion:	93	Resp:	924681
Ion	Ratio	Lower	Upper
93	100		
66	32.4	26.2	39.2
65	16.2	12.7	19.1





#7

Phenol-d6

Concen: 85.985 ng

RT: 6.43 min Scan# 738

Delta R.T. 0.01 min

Lab File: BP000367.D

Acq: 23 Sep 2019 17:44

Instrument :

BNA_P

ClientSampleId :

SSTDCCC040

Tot Ion: 99 Resp: 1367035

Ion Ratio Lower Upper

99 100

42 10.6 8.5 12.7

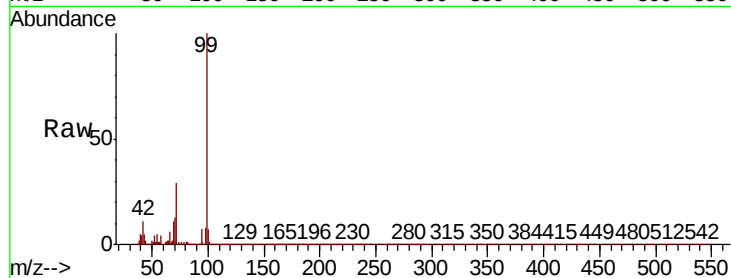
71 28.9 22.6 34.0

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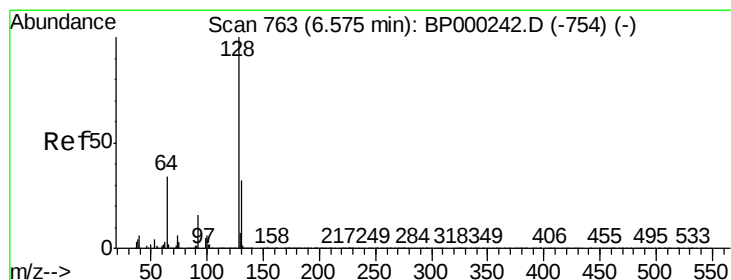
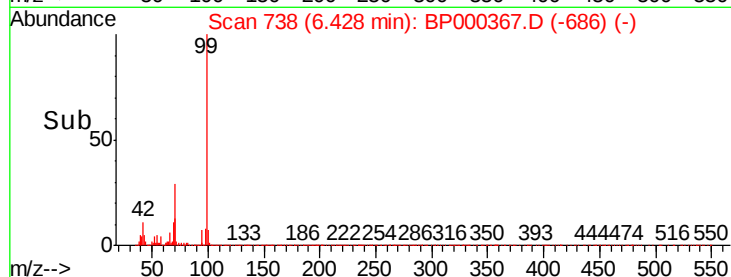
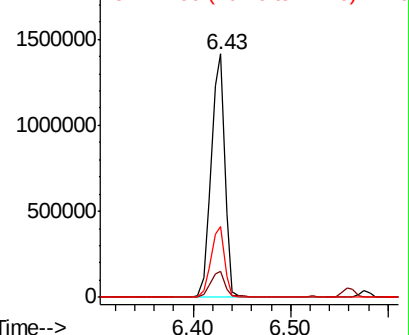
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Abundance Ion 99.00 (98.70 to 99.70): BP0

Ion 42.00 (41.70 to 42.70): BP0

Ion 71.00 (70.70 to 71.70): BP0



#8

2-Chlorophenol

Concen: 43.017 ng

RT: 6.58 min Scan# 763

Delta R.T. 0.00 min

Lab File: BP000367.D

Acq: 23 Sep 2019 17:44

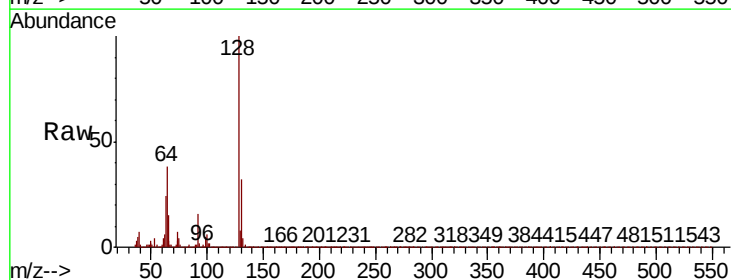
Tgt Ion:128 Resp: 600801

Ion Ratio Lower Upper

128 100

130 31.8 12.5 52.5

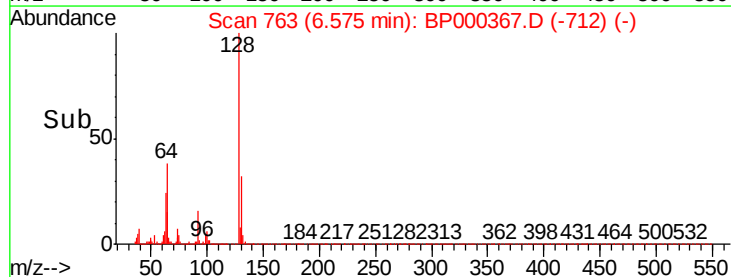
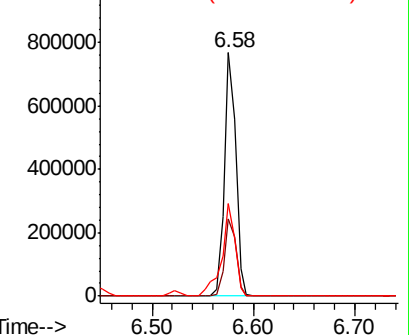
64 38.2 16.0 56.0

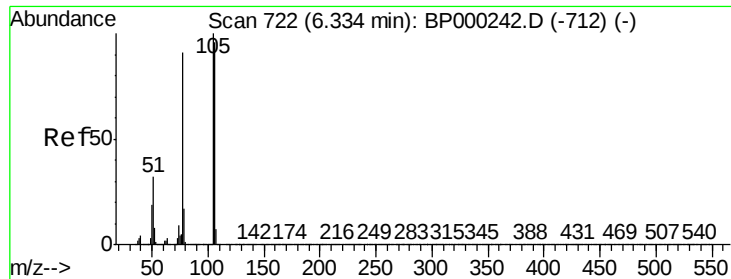


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BP0





#9

Benzaldehyde

Concen: 43.417 ng

RT: 6.33 min Scan# 722

Delta R.T. 0.00 min

Lab File: BP000367.D

Acq: 23 Sep 2019 17:44

Instrument :

BNA_P

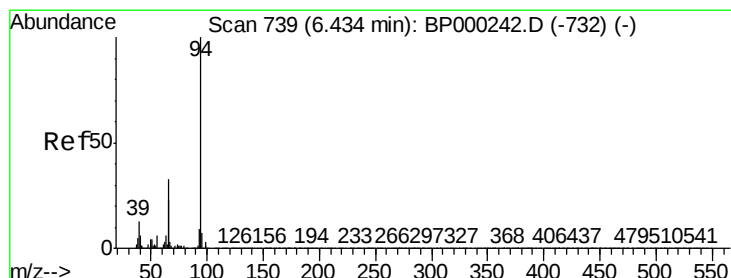
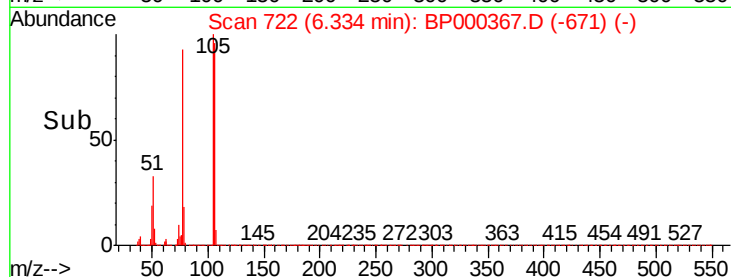
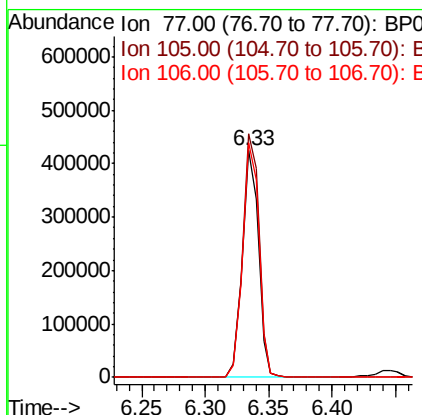
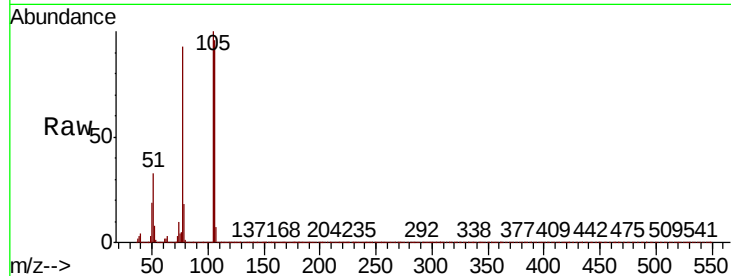
ClientSampleId :

SSTDCCC040

Tot Ion:	77	Resp:	367662
Ion	Ratio	Lower	Upper
77	100		
105	107.4	89.6	129.6
106	103.6	84.6	124.6

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#10

Phenol

Concen: 43.182 ng

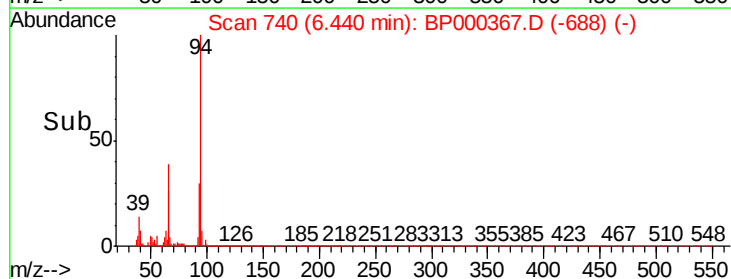
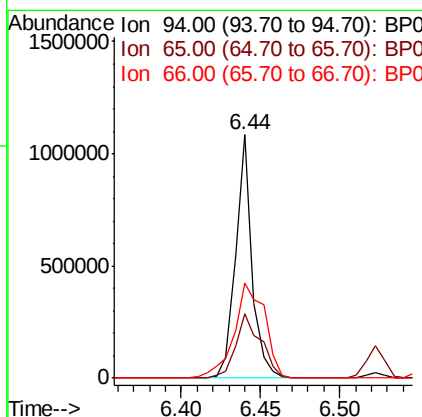
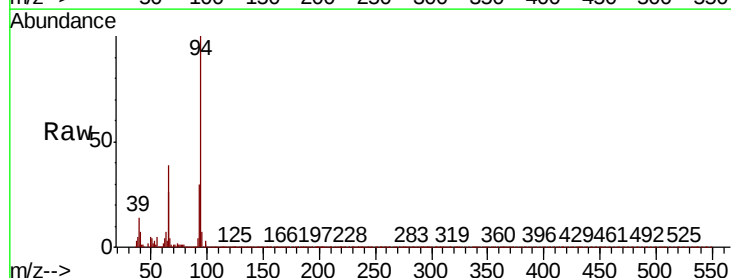
RT: 6.44 min Scan# 740

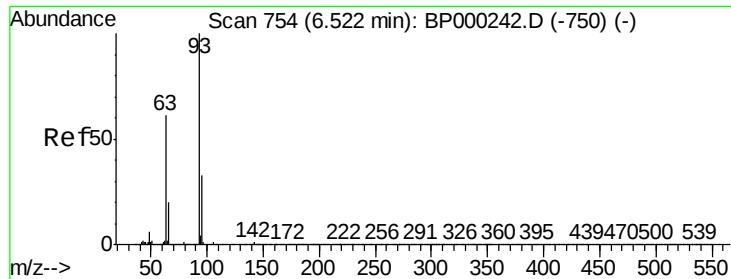
Delta R.T. 0.01 min

Lab File: BP000367.D

Acq: 23 Sep 2019 17:44

Tgt Ion:	94	Resp:	780004
Ion	Ratio	Lower	Upper
94	100		
65	26.3	3.3	43.3
66	39.2	12.7	52.7





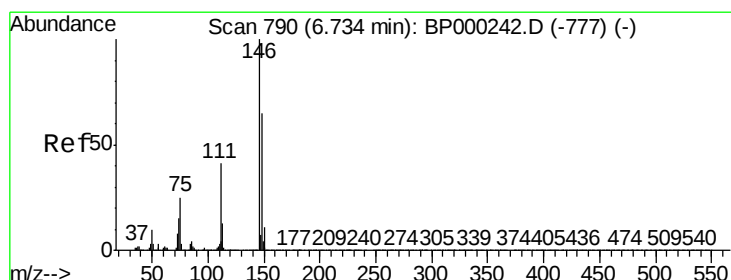
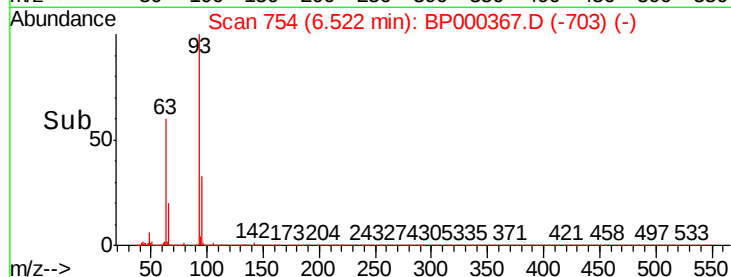
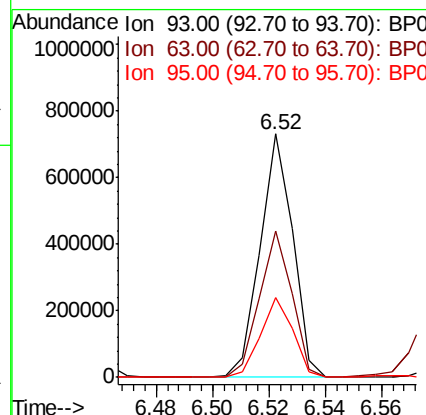
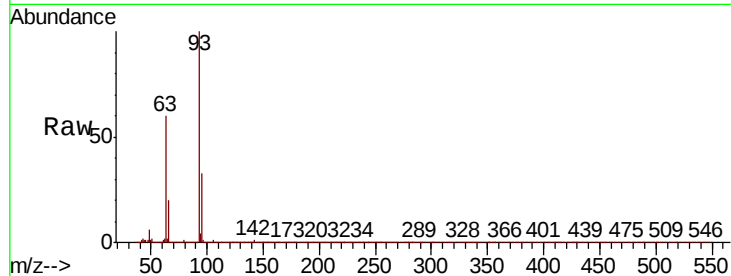
#11
bis(2-Chloroethyl)ether
Concen: 42.188 ng
RT: 6.52 min Scan# 754
Delta R.T. 0.00 min
Lab File: BP000367.D
Acq: 23 Sep 2019 17:44

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
93	100		
63	60.2	41.0	81.0
95	32.8	12.7	52.7

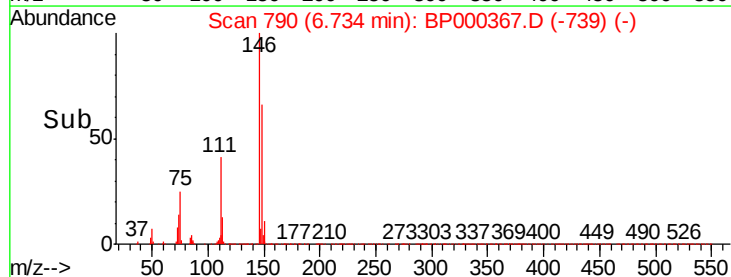
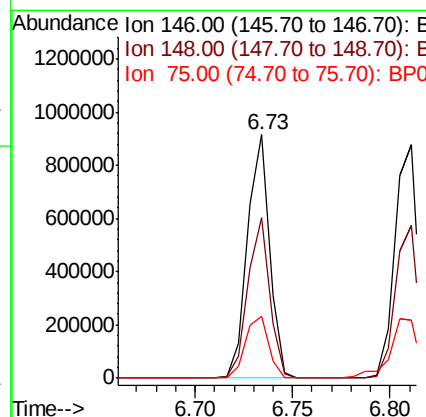
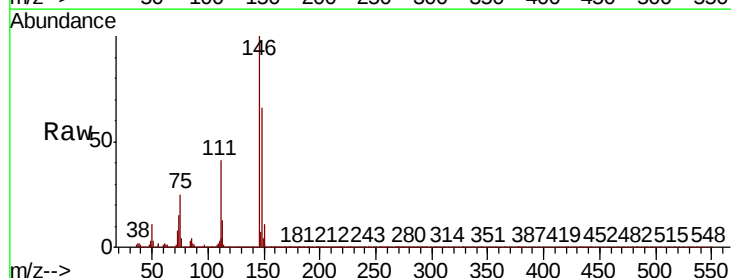
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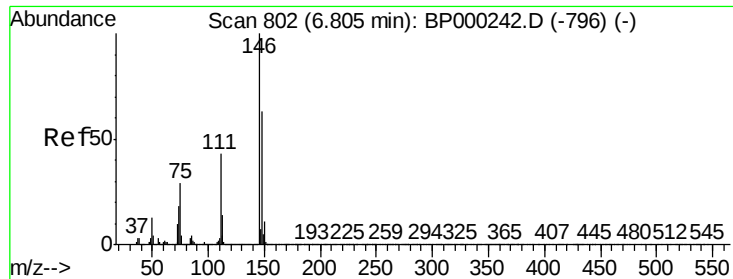
mohammad
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#12
1,3-Dichlorobenzene
Concen: 42.981 ng
RT: 6.73 min Scan# 790
Delta R.T. 0.00 min
Lab File: BP000367.D
Acq: 23 Sep 2019 17:44

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.9	52.1	78.1
75	25.4	20.2	30.4





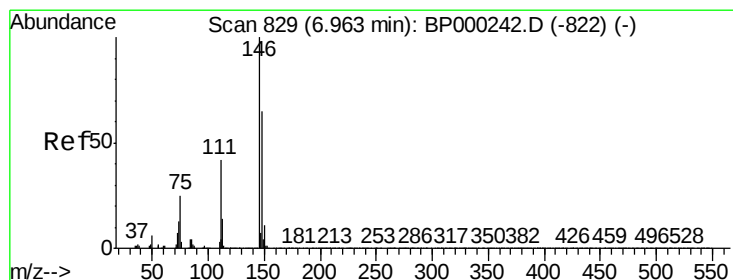
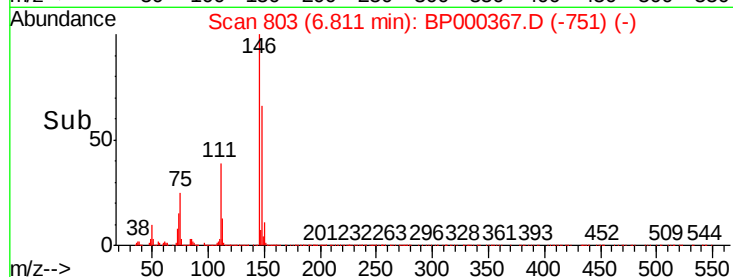
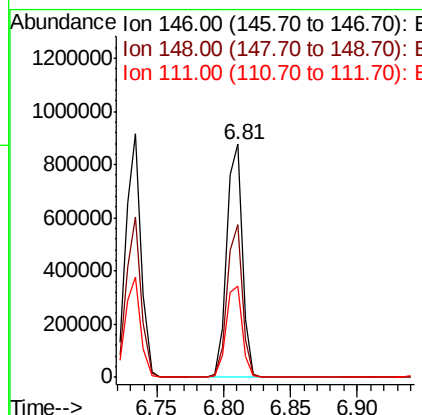
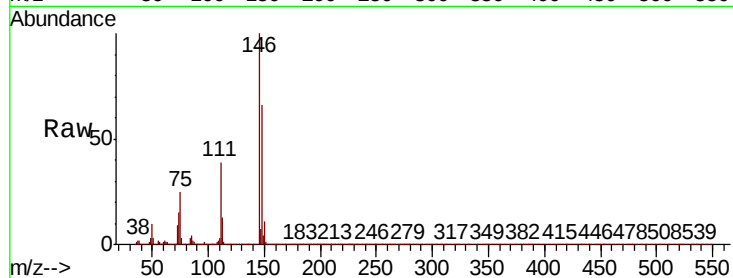
#13
1,4-Dichlorobenzene
Concen: 43.784 ng
RT: 6.81 min Scan# 803
Delta R.T. 0.01 min
Lab File: BP000367.D
Acq: 23 Sep 2019 17:44

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
146	100		
148	65.7	50.7	76.1
111	39.0	34.1	51.1

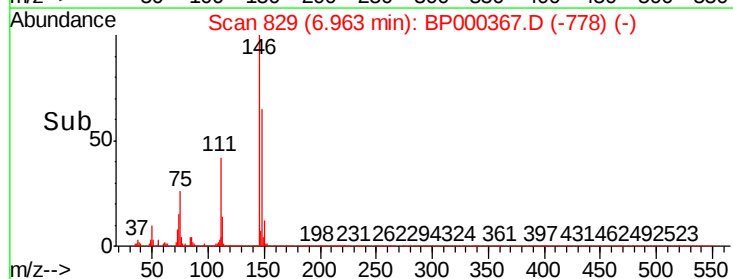
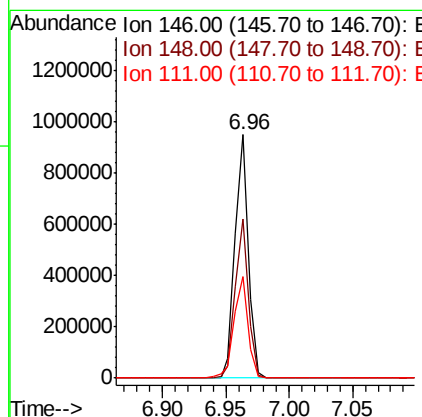
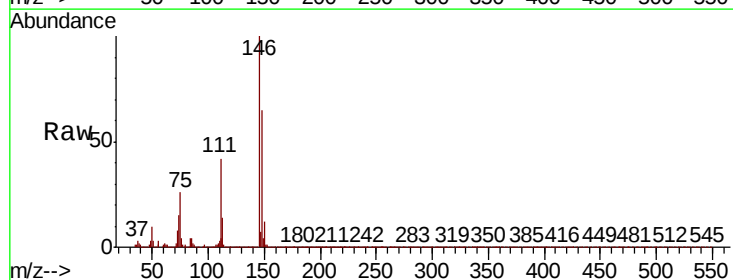
Manual Integrations
APPROVED

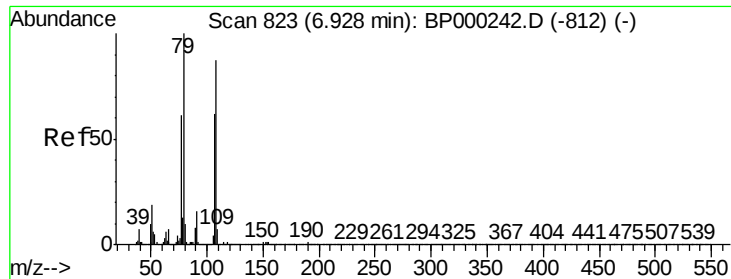
mohammad
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#14
1,2-Dichlorobenzene
Concen: 44.452 ng
RT: 6.96 min Scan# 829
Delta R.T. 0.00 min
Lab File: BP000367.D
Acq: 23 Sep 2019 17:44

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.4	51.7	77.5
111	41.9	33.4	50.2





#15

Benzyl Alcohol

Concen: 43.034 ng

RT: 6.93 min Scan# 823

Delta R.T. 0.00 min

Lab File: BP000367.D

Acq: 23 Sep 2019 17:44

Instrument :

BNA_P

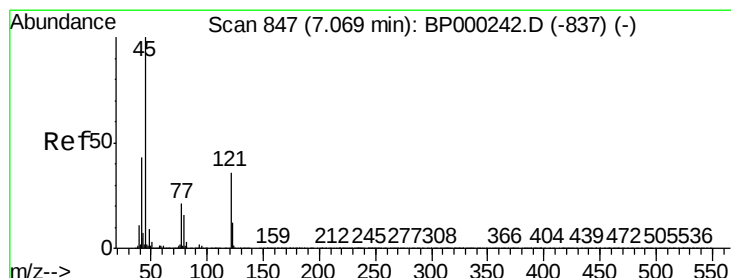
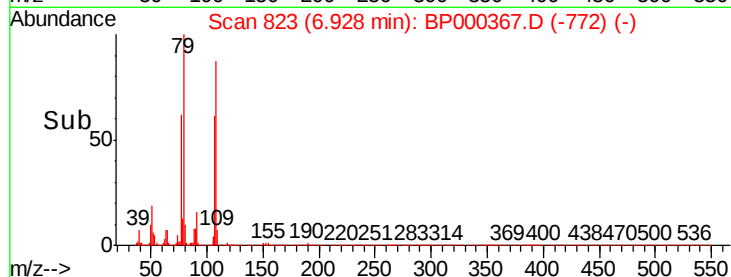
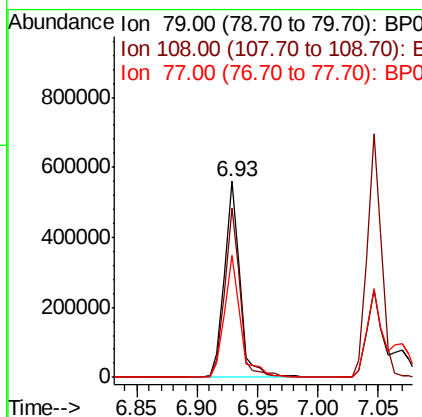
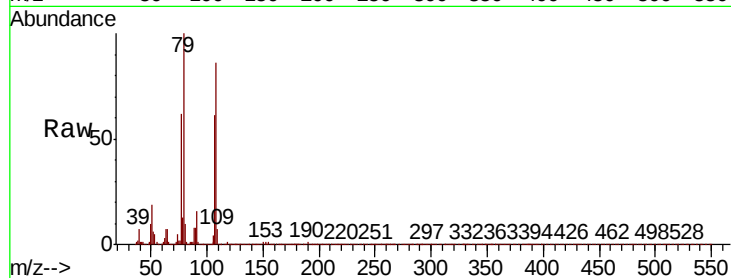
ClientSampleId :

SSTDCCC040

Tot Ion:	79	Resp:	497890
Ion Ratio	Lower	Upper	
79	100		
108	86.5	69.2	103.8
77	62.0	48.7	73.1

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 41.109 ng

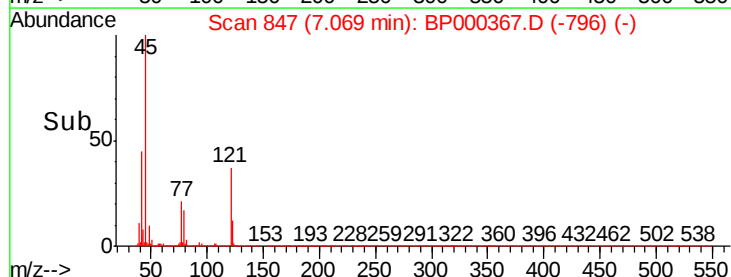
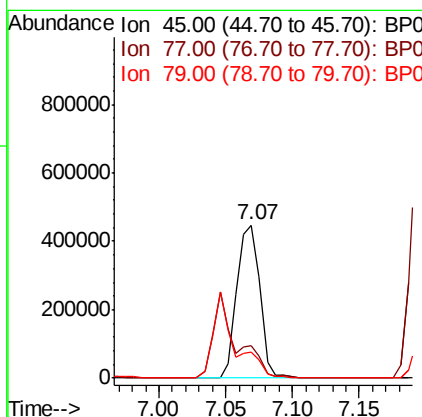
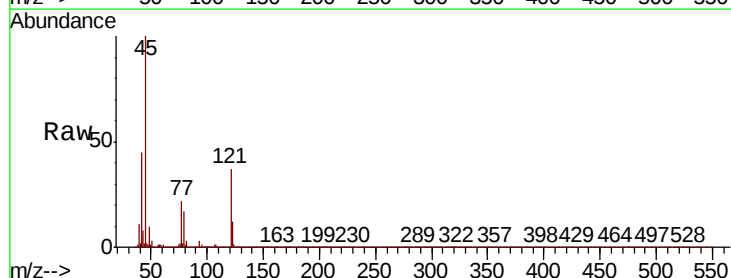
RT: 7.07 min Scan# 847

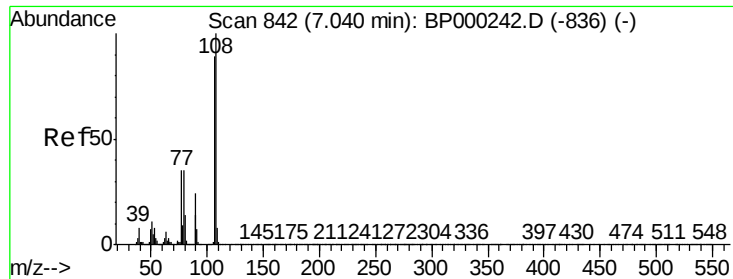
Delta R.T. 0.00 min

Lab File: BP000367.D

Acq: 23 Sep 2019 17:44

Tgt Ion:	45	Resp:	539107
Ion Ratio	Lower	Upper	
45	100		
77	21.5	0.7	40.7
79	17.4	0.0	36.4





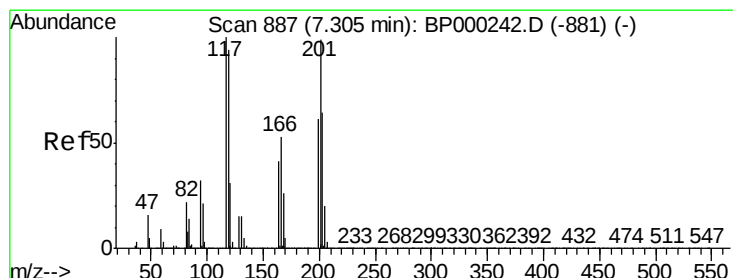
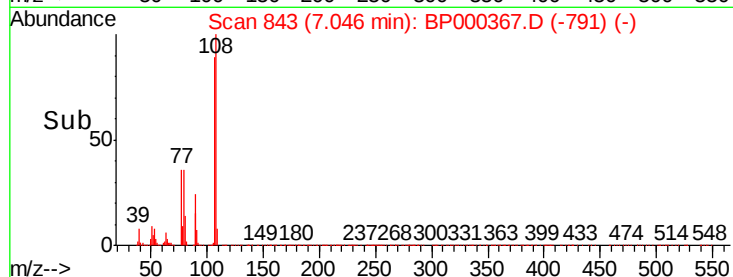
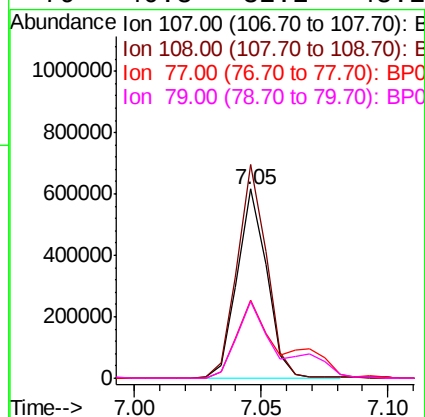
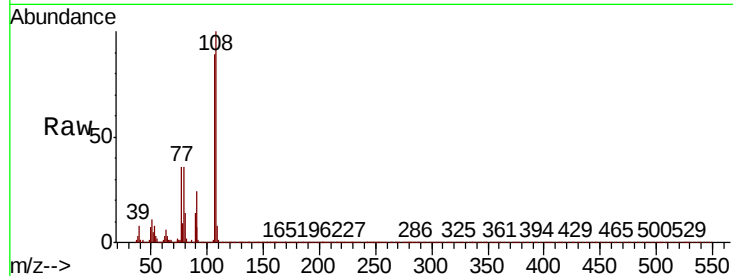
#17
2-Methylphenol
Concen: 41.852 ng
RT: 7.05 min Scan# 843
Delta R.T. 0.01 min
Lab File: BP000367.D
Acq: 23 Sep 2019 17:44

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	113.0	90.1	135.1	
77	41.0	31.5	47.3	
79	40.8	32.2	48.2	

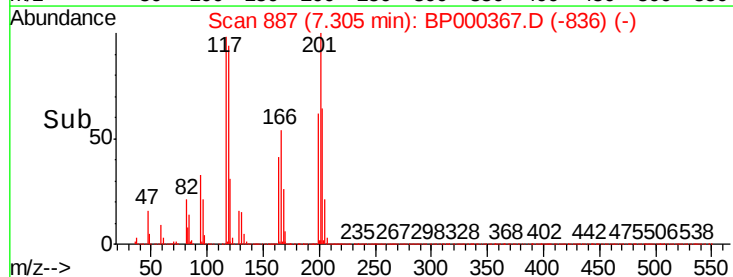
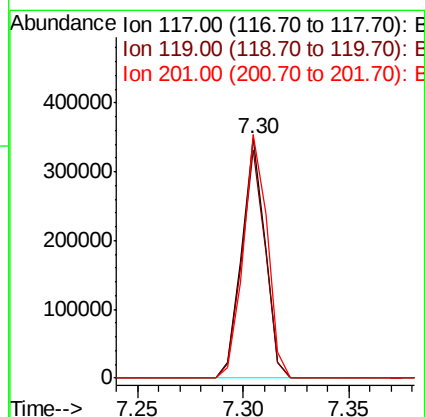
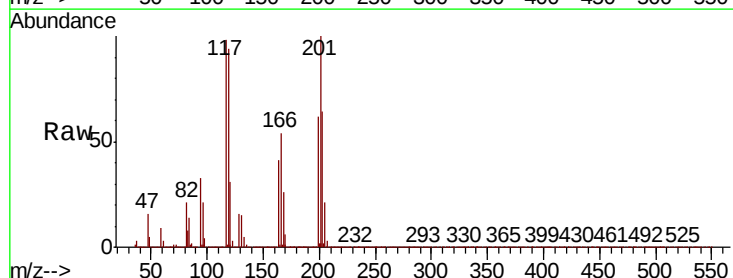
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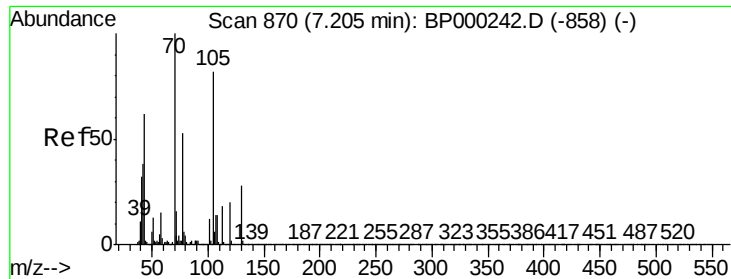
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#18
Hexachloroethane
Concen: 42.985 ng
RT: 7.30 min Scan# 887
Delta R.T. 0.00 min
Lab File: BP000367.D
Acq: 23 Sep 2019 17:44

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	95.4	75.6	113.4	
201	101.7	79.4	119.2	





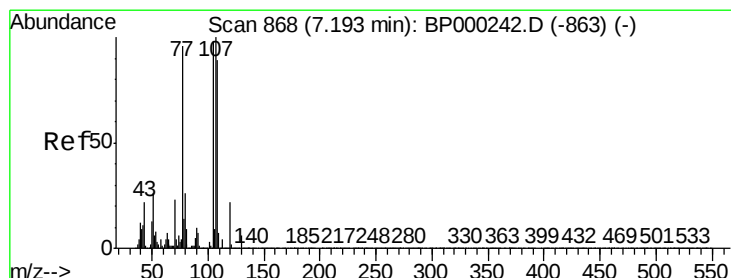
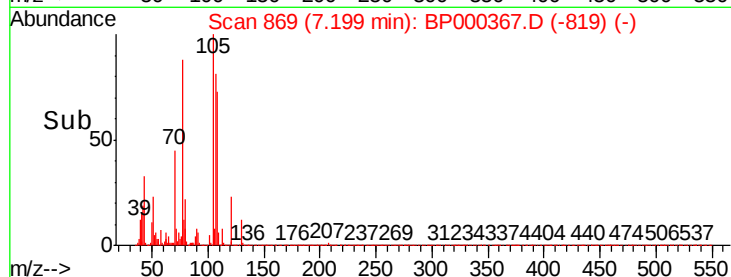
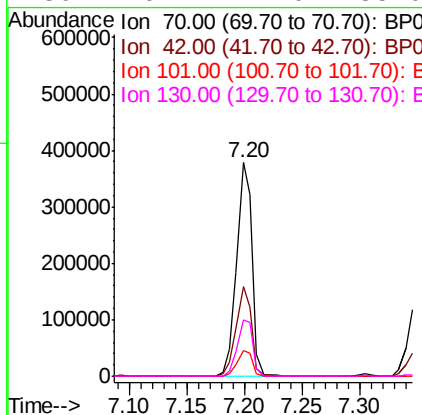
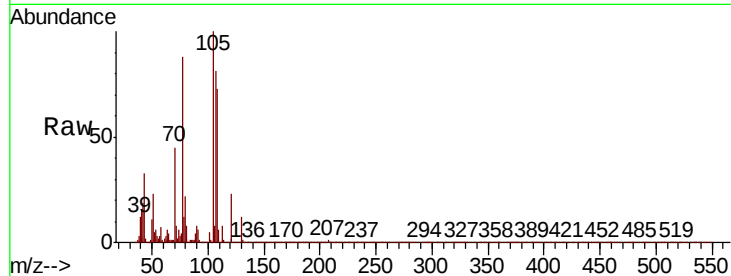
#19
n-Nitroso-di-n-propylamine
Concen: 41.577 ng
RT: 7.20 min Scan# 869
Delta R.T. -0.01 min
Lab File: BP000367.D
Acq: 23 Sep 2019 17:44

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
70	100		
42	41.8	30.7	46.1
101	12.1	9.6	14.4
130	26.7	22.0	33.0

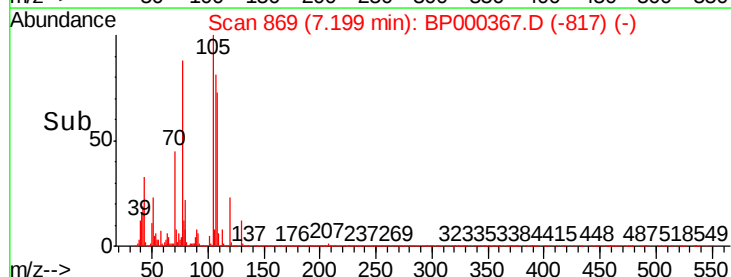
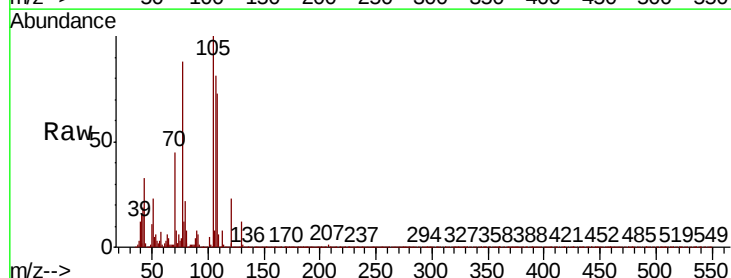
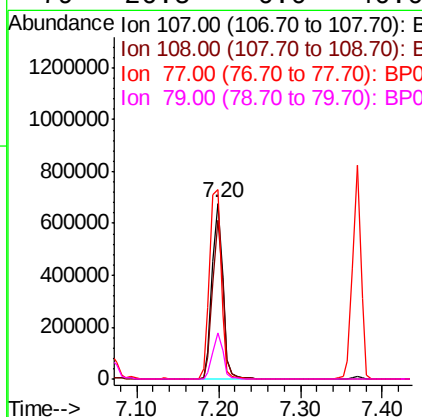
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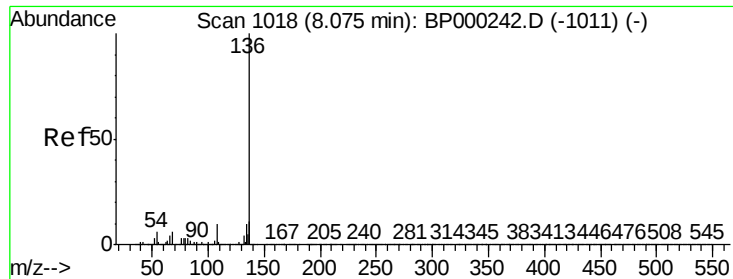
mohammad
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#20
3+4-Methylphenols
Concen: 42.744 ng
RT: 7.20 min Scan# 869
Delta R.T. 0.01 min
Lab File: BP000367.D
Acq: 23 Sep 2019 17:44

Tgt Ion	Ratio	Lower	Upper
107	100		
108	90.1	68.8	108.8
77	107.9	75.7	115.7
79	26.5	6.0	46.0





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.08 min Scan# 1018

Delta R.T. 0.00 min

Lab File: BP000367.D

Acq: 23 Sep 2019 17:44

Instrument :

BNA_P

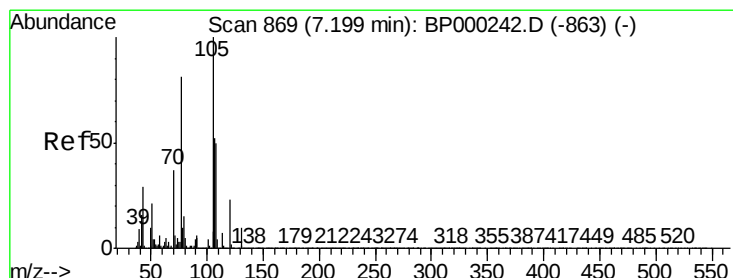
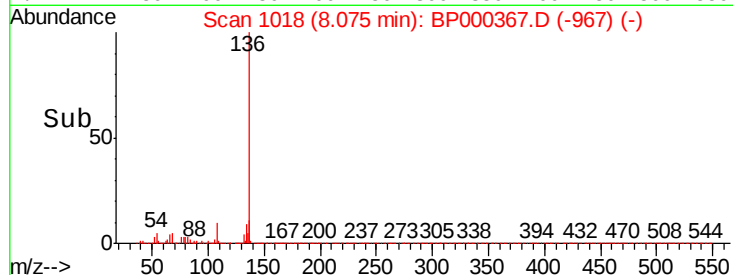
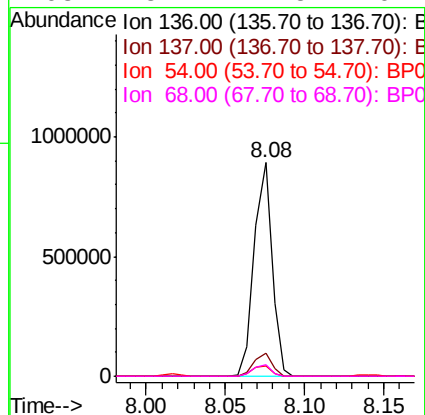
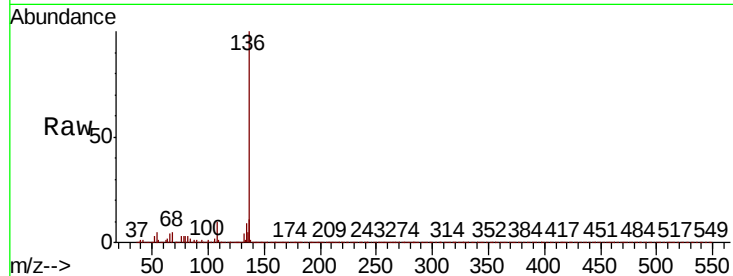
ClientSampleId :

SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
136	100	703273		
137	10.8		8.6	13.0
54	5.0		4.5	6.7
68	5.2		4.5	6.7

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#22

Acetophenone

Concen: 53.987 ng

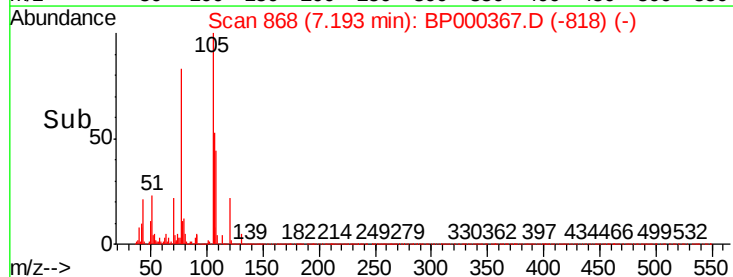
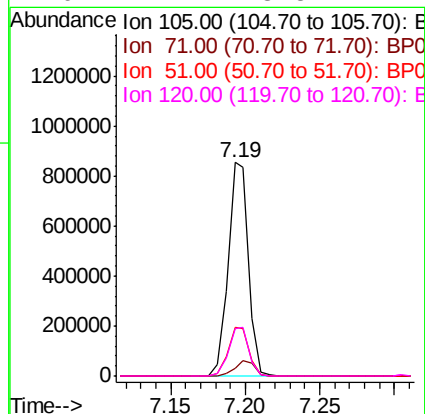
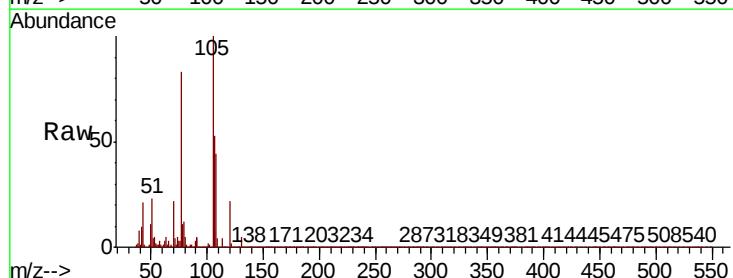
RT: 7.19 min Scan# 868

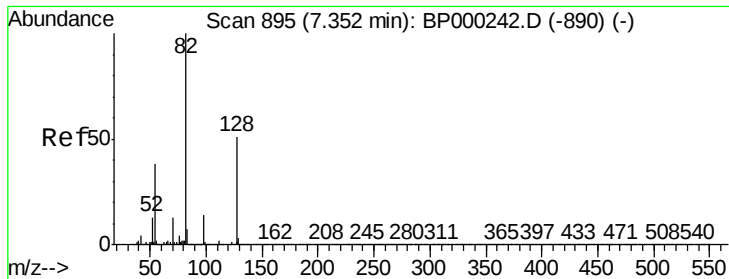
Delta R.T. -0.01 min

Lab File: BP000367.D

Acq: 23 Sep 2019 17:44

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	822797		
71	3.7		5.2	7.8#
51	22.7		16.6	24.8
120	22.4		18.5	27.7





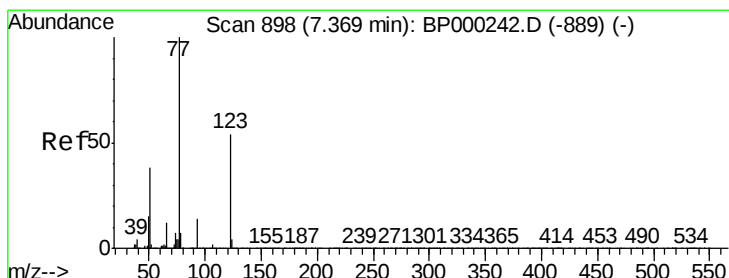
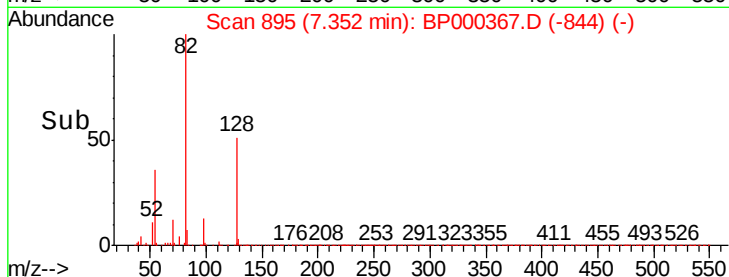
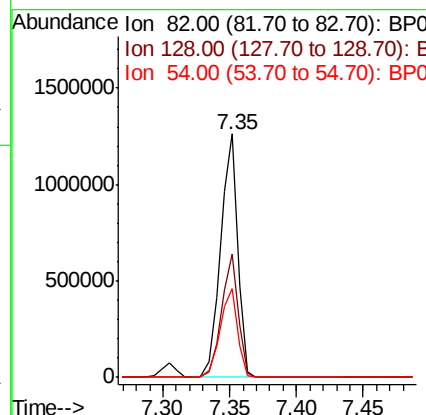
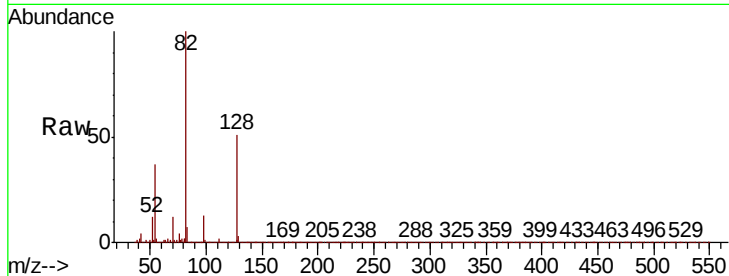
#23
 Nitrobenzene-d5
 Concen: 104.698 ng
 RT: 7.35 min Scan# 895
 Delta R.T. 0.00 min
 Lab File: BP000367.D
 Acq: 23 Sep 2019 17:44

Instrument :
 BNA_P
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
82	100		
128	50.6	40.7	61.1
54	36.6	30.1	45.1

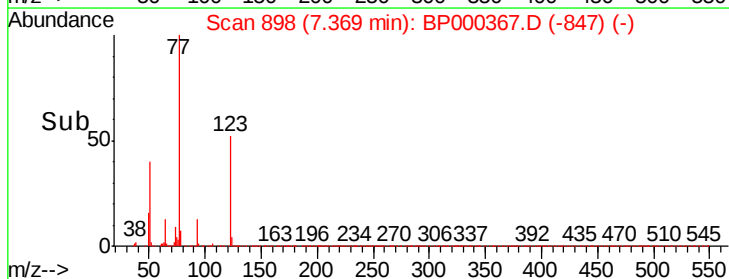
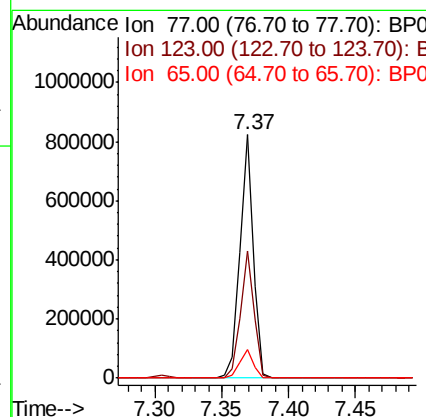
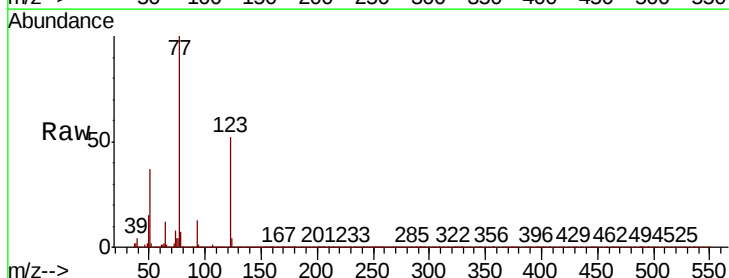
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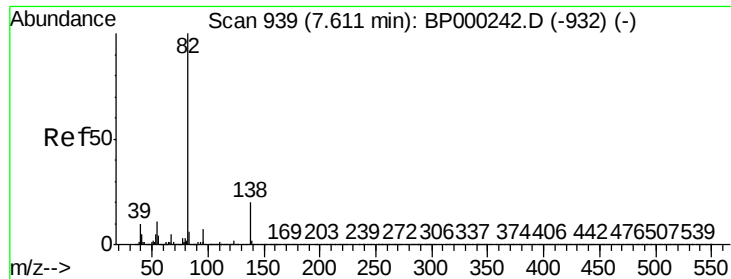
mohammad
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#24
 Nitrobenzene
 Concen: 51.804 ng
 RT: 7.37 min Scan# 898
 Delta R.T. 0.00 min
 Lab File: BP000367.D
 Acq: 23 Sep 2019 17:44

Tgt Ion	Ratio	Lower	Upper
77	100		
123	52.2	43.1	64.7
65	11.9	9.4	14.2





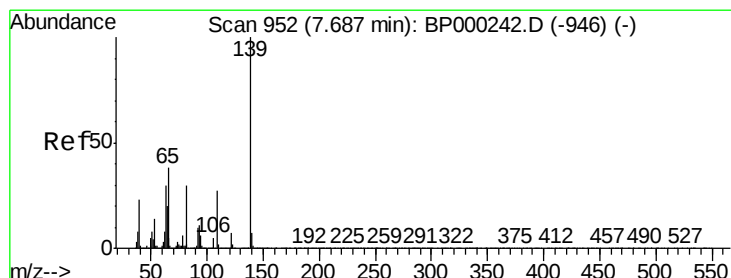
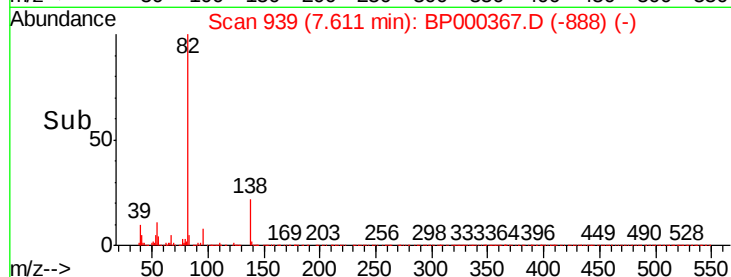
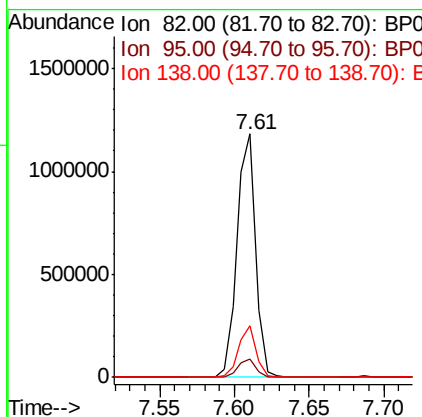
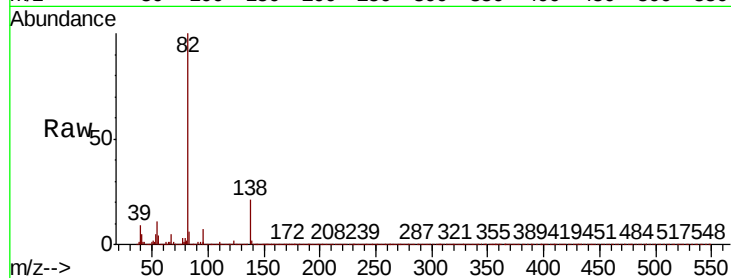
#25
Isophorone
Concen: 48.022 ng
RT: 7.61 min Scan# 939
Delta R.T. 0.00 min
Lab File: BP000367.D
Acq: 23 Sep 2019 17:44

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
82	100		
95	7.4	5.9	8.9
138	21.0	15.9	23.9

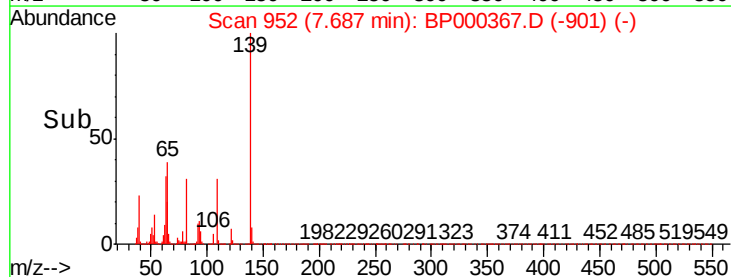
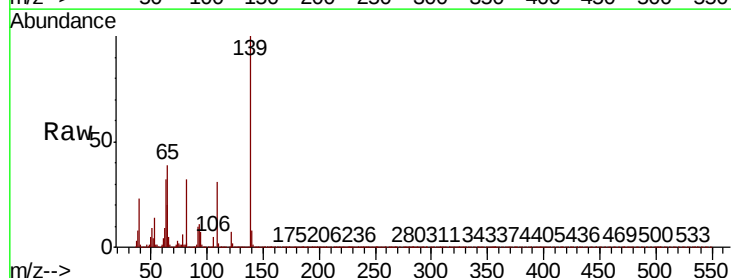
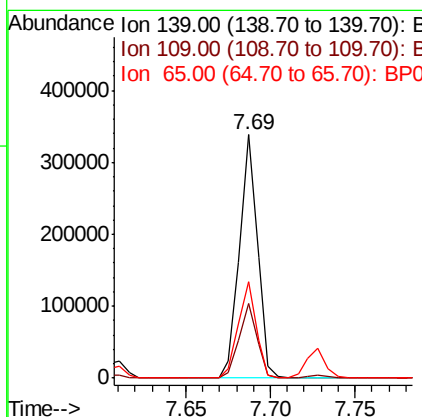
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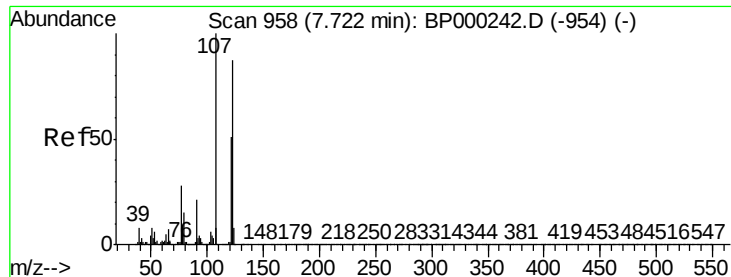
mohammad
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#26
2-Nitrophenol
Concen: 42.103 ng
RT: 7.69 min Scan# 952
Delta R.T. 0.00 min
Lab File: BP000367.D
Acq: 23 Sep 2019 17:44

Tgt Ion	Ratio	Lower	Upper
139	100		
109	30.7	21.8	32.6
65	39.4	30.5	45.7





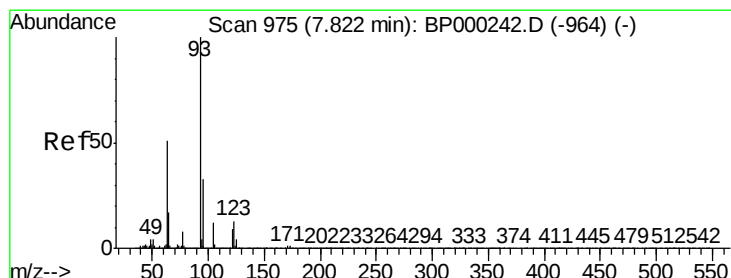
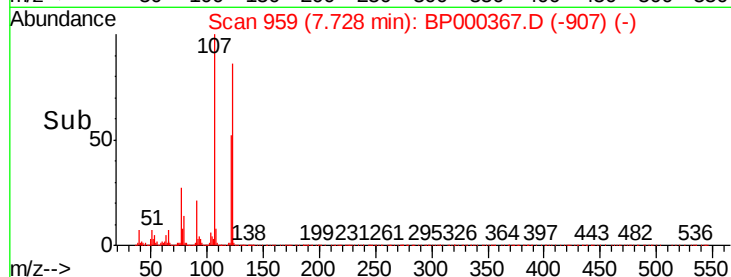
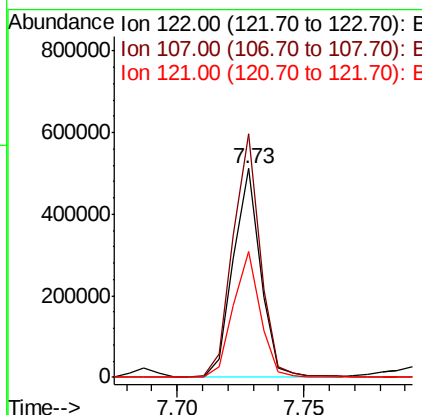
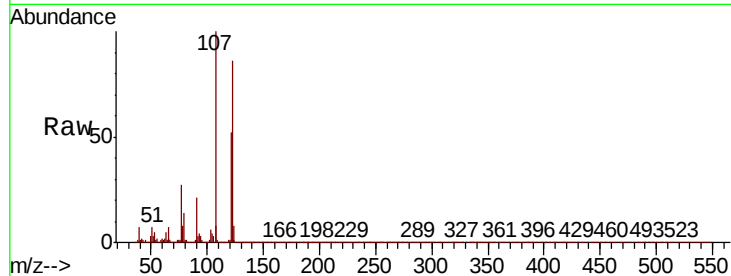
#27
2,4-Dimethylphenol
Concen: 40.193 ng
RT: 7.73 min Scan# 959
Delta R.T. 0.01 min
Lab File: BP000367.D
Acq: 23 Sep 2019 17:44

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
122	100	384268		
107	116.5	91.5	137.3	
121	60.2	46.9	70.3	

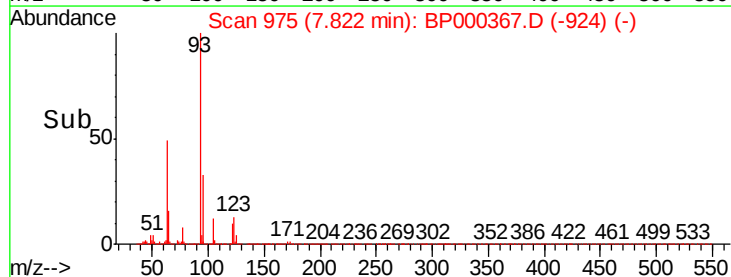
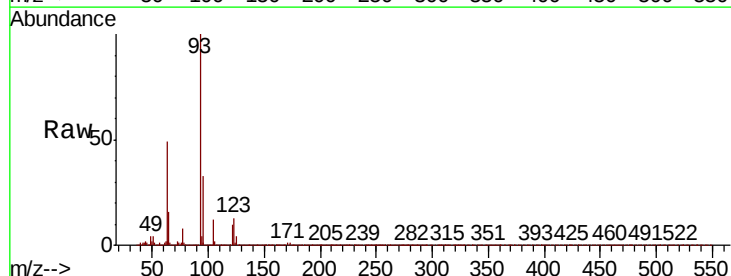
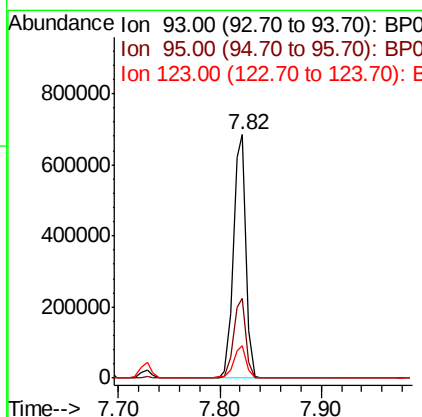
Manual Integrations
APPROVED

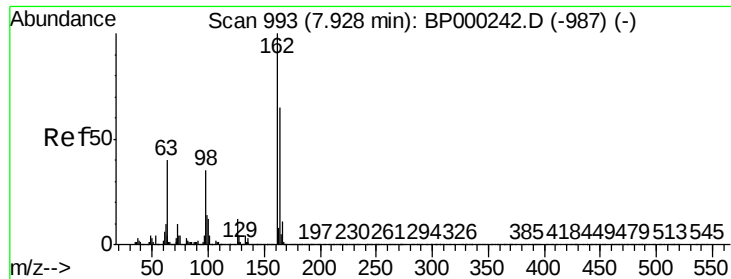
mohammad
9/24/2019 2:38:37 PM



#28
bis(2-Chloroethoxy)methane
Concen: 40.601 ng
RT: 7.82 min Scan# 975
Delta R.T. 0.00 min
Lab File: BP000367.D
Acq: 23 Sep 2019 17:44

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	582852		
95	32.7	26.2	39.4	
123	13.2	10.2	15.2	





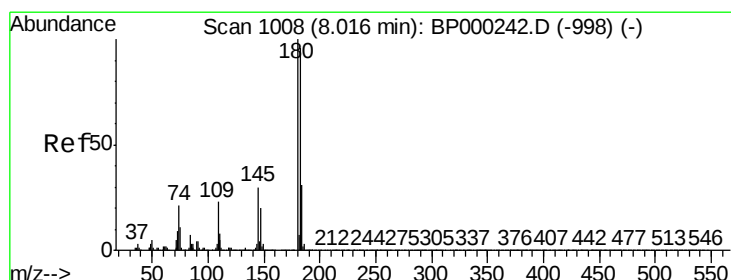
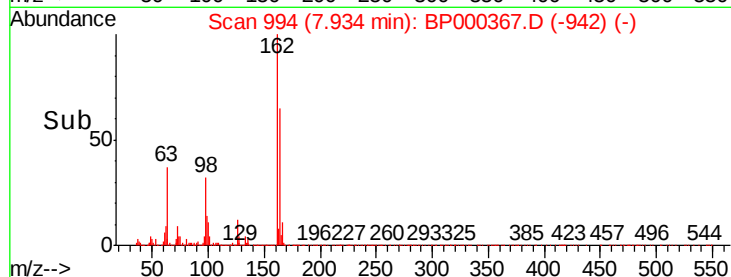
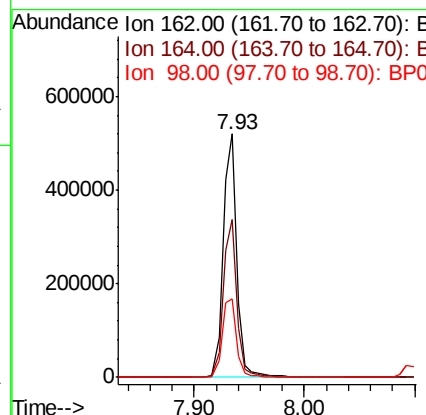
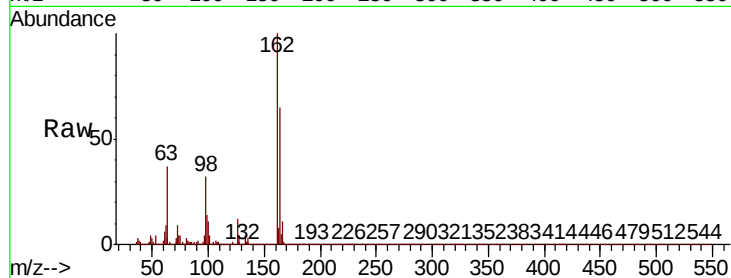
#29
2,4-Dichlorophenol
Concen: 43.347 ng
RT: 7.93 min Scan# 994
Delta R.T. 0.01 min
Lab File: BP000367.D
Acq: 23 Sep 2019 17:44

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
162	100	444164		
164	65.1	44.5	84.5	
98	32.3	15.2	55.2	

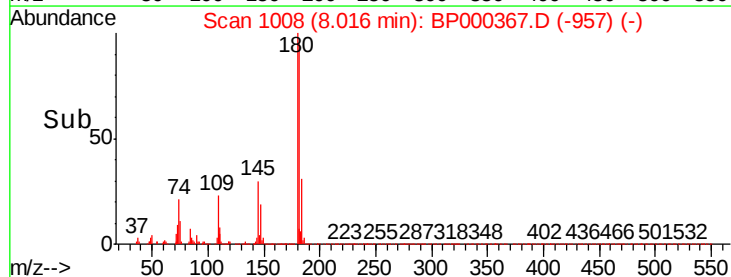
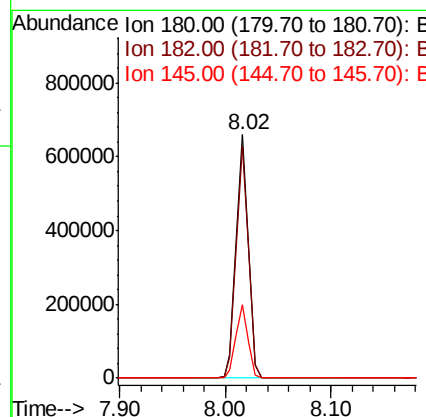
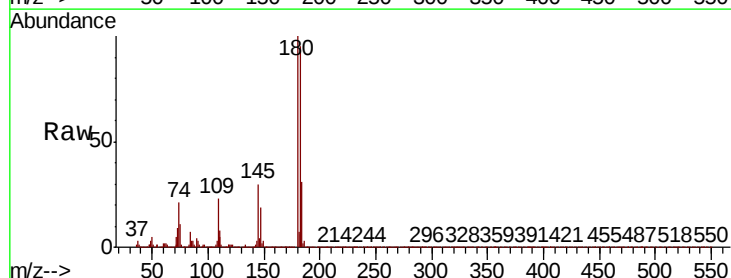
Manual Integrations
APPROVED

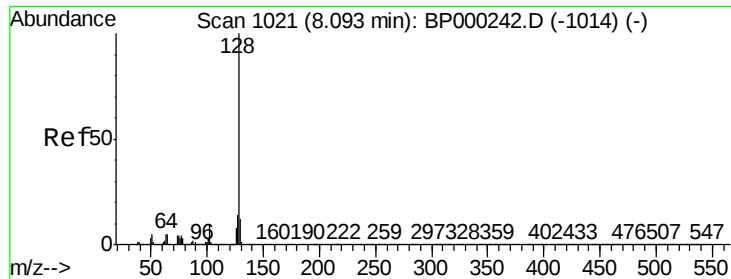
mohammad
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#30
1,2,4-Trichlorobenzene
Concen: 44.511 ng
RT: 8.02 min Scan# 1008
Delta R.T. 0.00 min
Lab File: BP000367.D
Acq: 23 Sep 2019 17:44

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	522773		
182	95.4	77.2	115.8	
145	30.3	24.3	36.5	





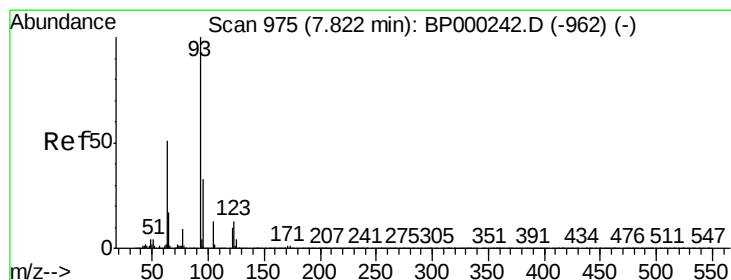
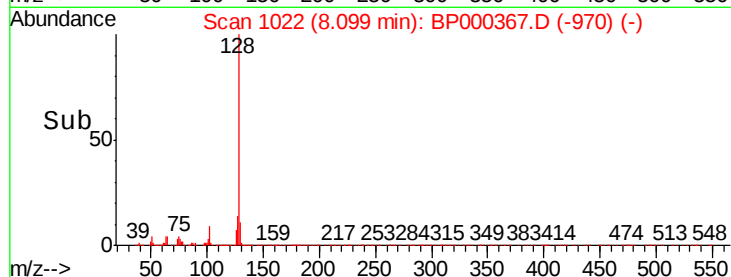
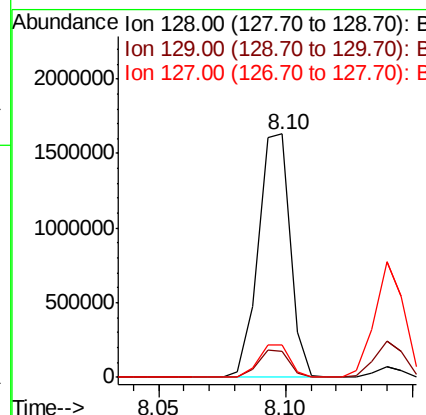
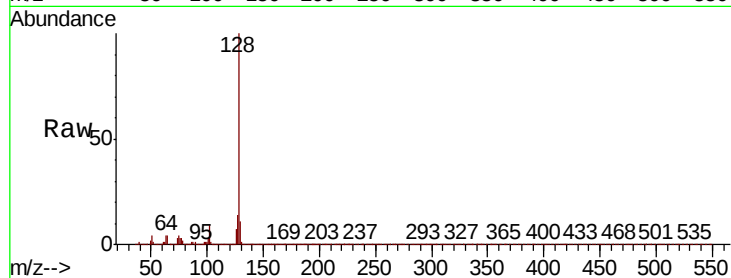
#31
Naphthalene
Concen: 44.064 ng
RT: 8.10 min Scan# 1022
Delta R.T. 0.01 min
Lab File: BP000367.D
Acq: 23 Sep 2019 17:44

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
128	100		
129	10.8	9.2	13.8
127	13.5	11.0	16.6

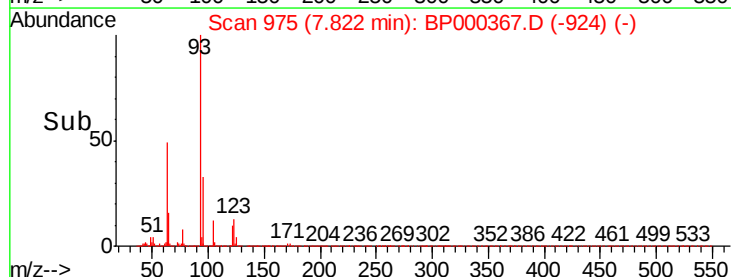
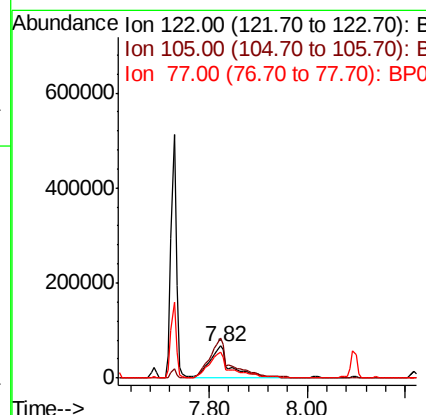
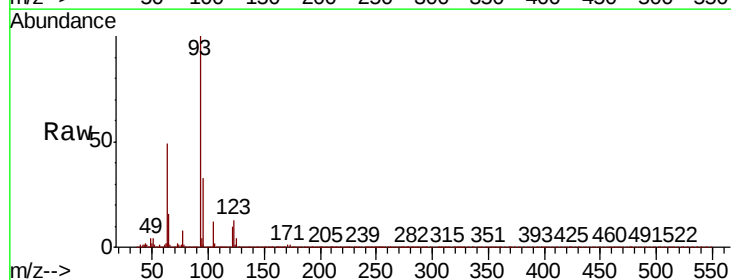
Manual Integrations
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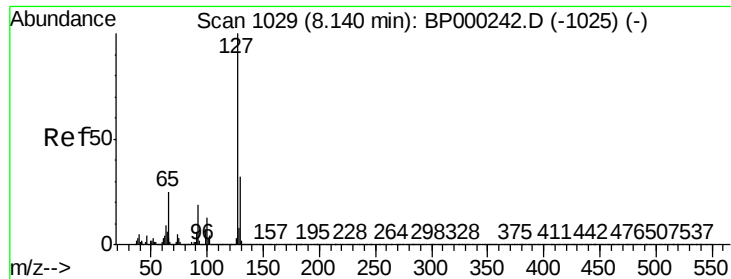
mohammad
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#32
Benzoic acid
Concen: 33.536 ng m
RT: 7.82 min Scan# 975
Delta R.T. 0.00 min
Lab File: BP000367.D
Acq: 23 Sep 2019 17:44

Tgt Ion	Ratio	Lower	Upper
122	100		
105	123.4	105.4	145.4
77	81.3	65.3	105.3





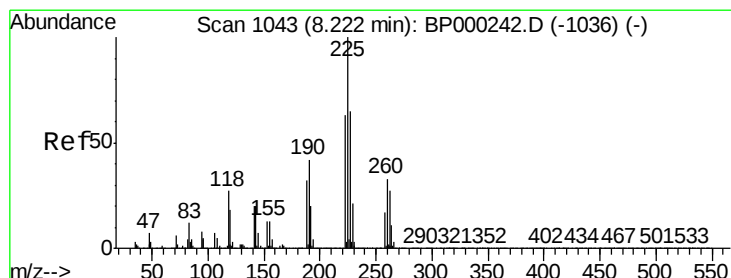
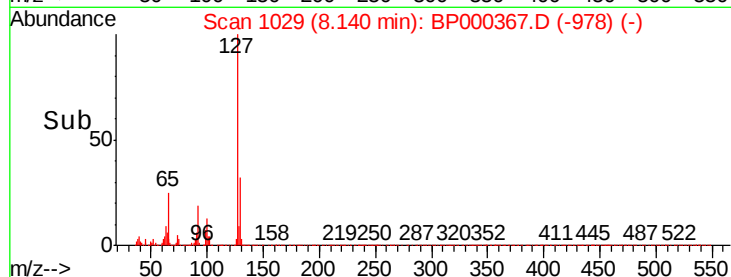
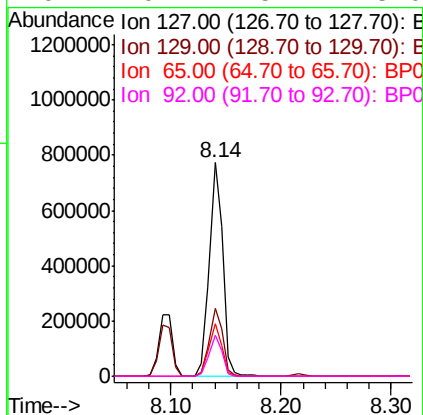
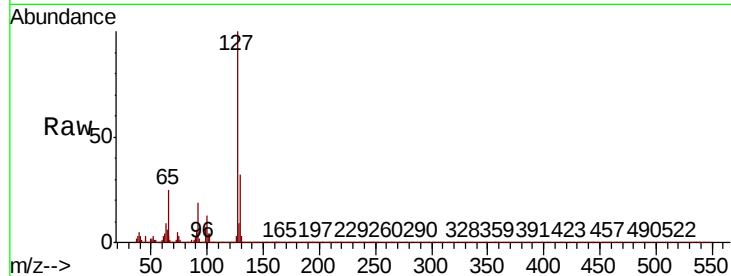
#33
4-Chloroaniline
Concen: 42.650 ng
RT: 8.14 min Scan# 1029
Delta R.T. 0.00 min
Lab File: BP000367.D
Acq: 23 Sep 2019 17:44

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
127	100			
129	32.0	25.7	38.5	
65	24.8	19.9	29.9	
92	19.1	15.4	23.0	

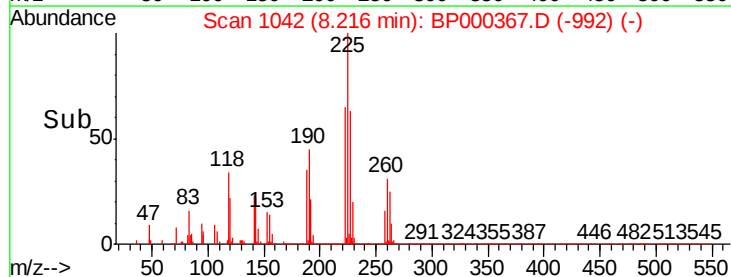
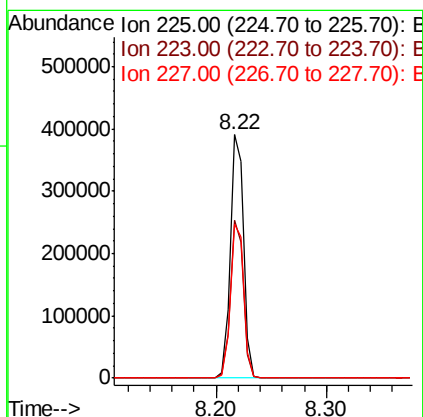
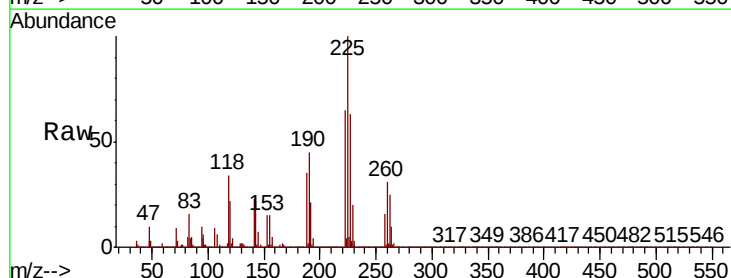
Manual Integrations
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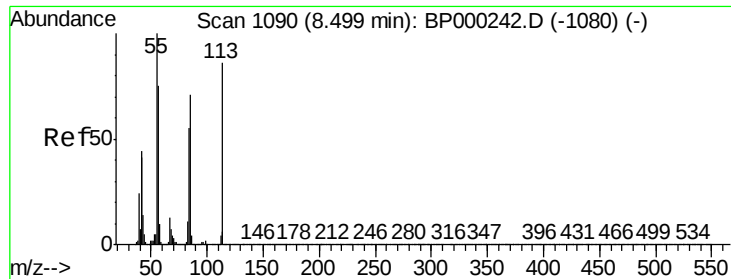
mohammad
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#34
Hexachlorobutadiene
Concen: 47.008 ng
RT: 8.22 min Scan# 1042
Delta R.T. -0.01 min
Lab File: BP000367.D
Acq: 23 Sep 2019 17:44

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	64.7	50.2	75.2	
227	63.1	51.8	77.6	





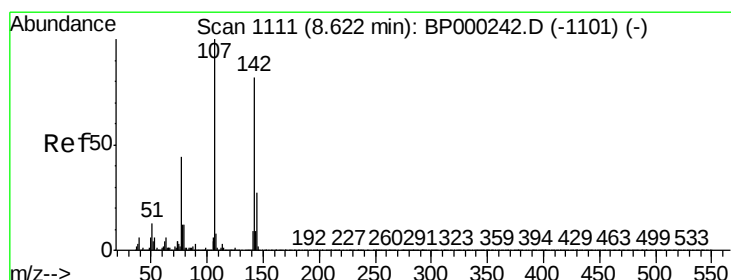
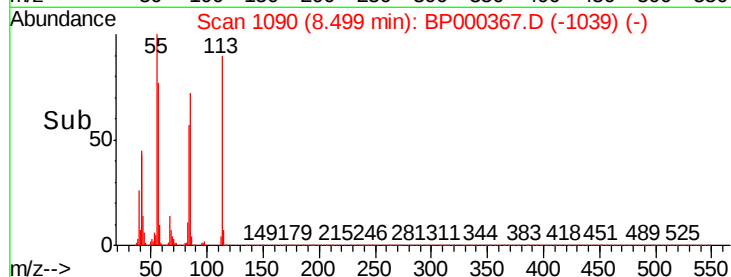
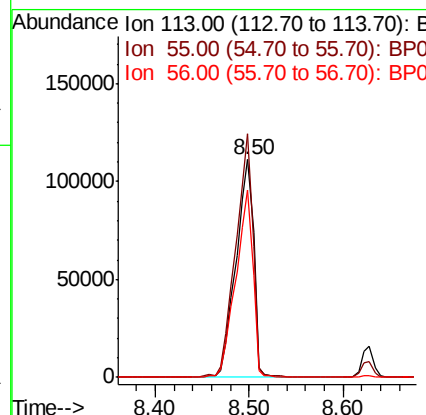
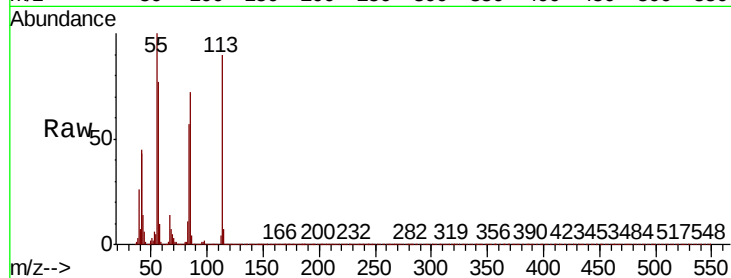
#35
Caprolactam
Concen: 41.807 ng
RT: 8.50 min Scan# 1090
Delta R.T. 0.00 min
Lab File: BP000367.D
Acq: 23 Sep 2019 17:44

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
113	100	145728		
55	111.7	96.8	136.8	
56	86.1	67.5	107.5	

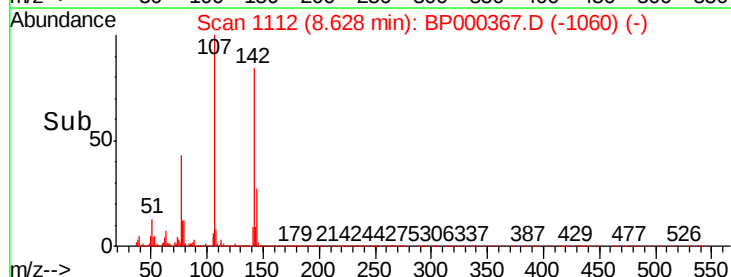
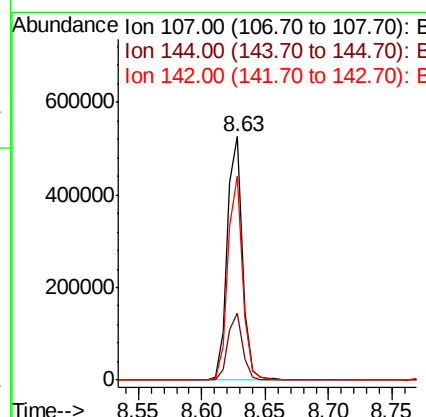
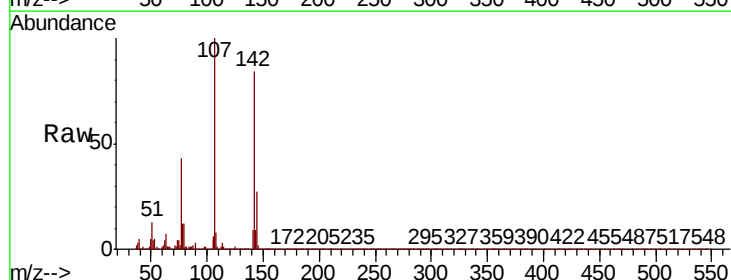
Manual Integrations
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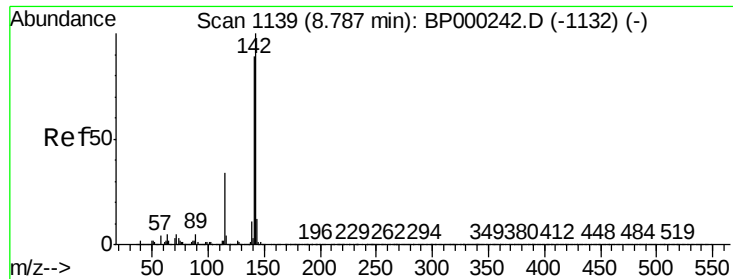
mohammad
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#36
4-Chloro-3-methylphenol
Concen: 42.555 ng
RT: 8.63 min Scan# 1112
Delta R.T. 0.01 min
Lab File: BP000367.D
Acq: 23 Sep 2019 17:44

Tgt Ion	Ratio	Resp	Lower	Upper
107	100	442663		
144	27.4	21.5	32.3	
142	84.0	65.7	98.5	





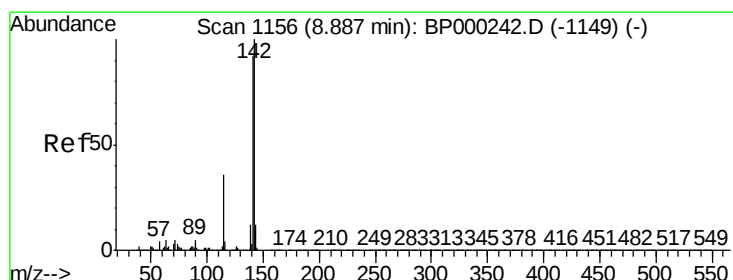
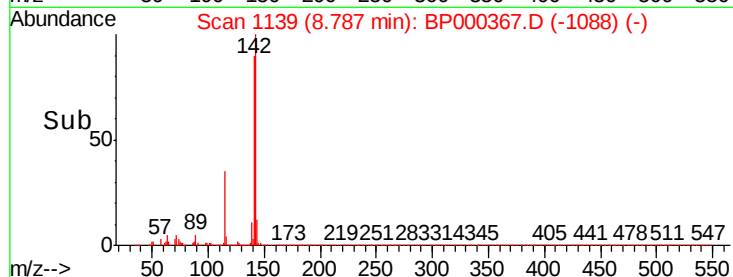
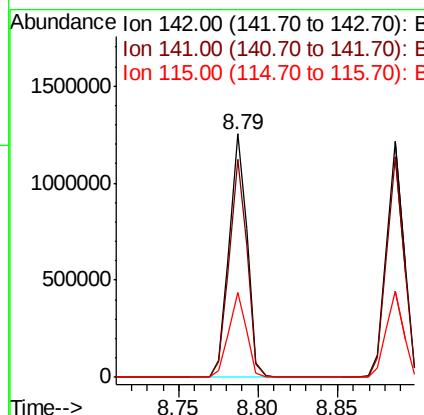
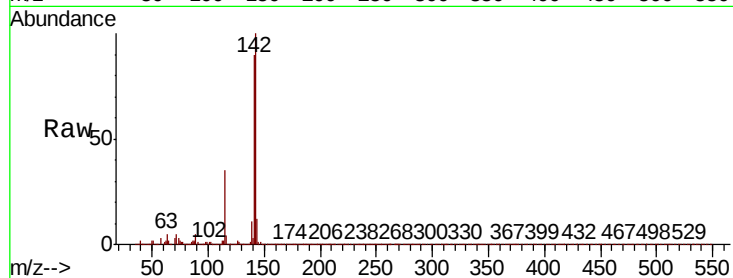
#37
2-Methylnaphthalene
Concen: 44.274 ng
RT: 8.79 min Scan# 1139
Delta R.T. 0.00 min
Lab File: BP000367.D
Acq: 23 Sep 2019 17:44

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.7	71.3	106.9
115	35.0	27.2	40.8

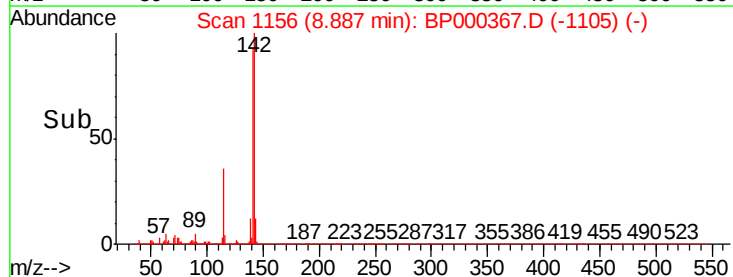
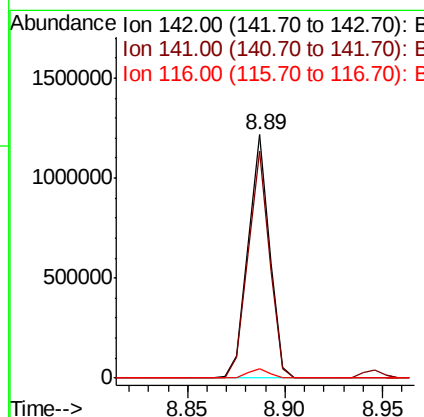
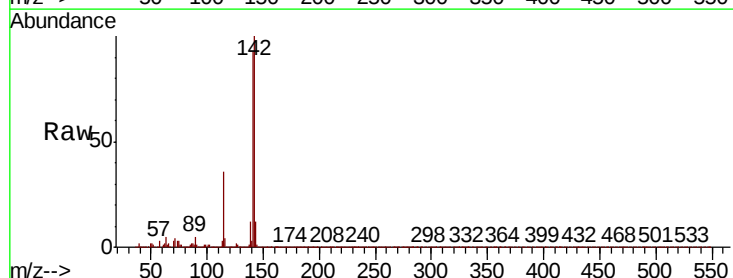
Manual Integrations
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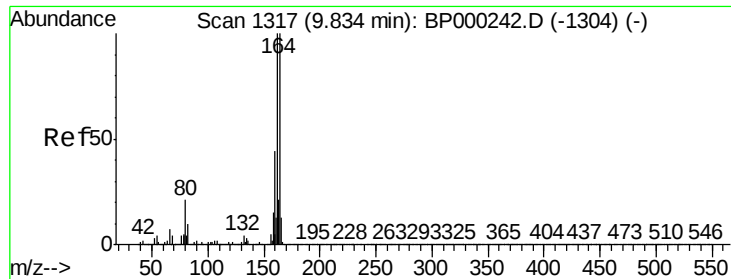
mohammad
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#38
1-Methylnaphthalene
Concen: 44.472 ng
RT: 8.89 min Scan# 1156
Delta R.T. 0.00 min
Lab File: BP000367.D
Acq: 23 Sep 2019 17:44

Tgt Ion	Ratio	Lower	Upper
142	100		
141	93.4	73.9	110.9
116	3.8	3.0	4.6





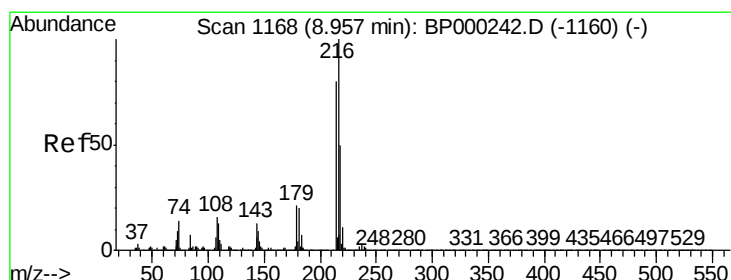
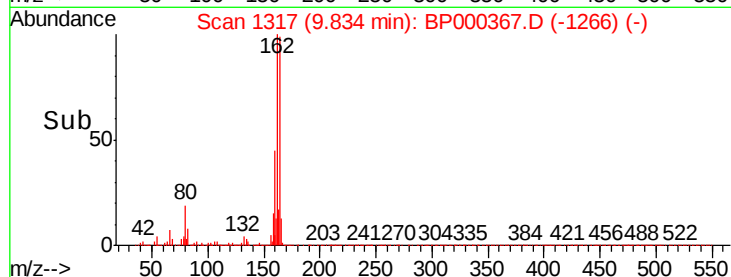
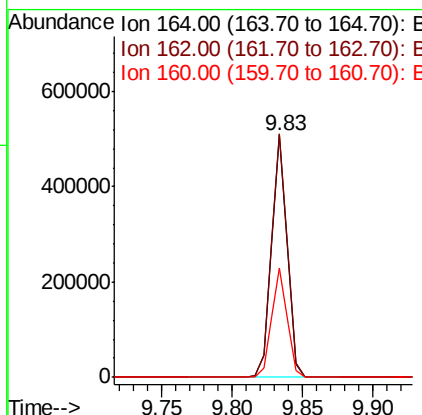
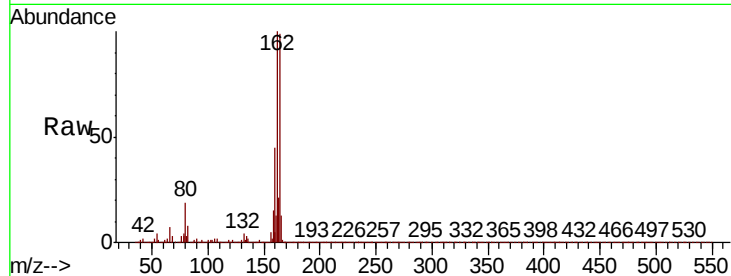
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.83 min Scan# 1317
Delta R.T. 0.00 min
Lab File: BP000367.D
Acq: 23 Sep 2019 17:44

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
164	100			
162	100.5	79.9	119.9	
160	44.8	35.6	53.4	

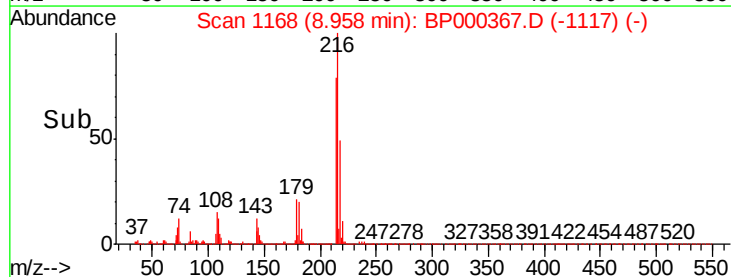
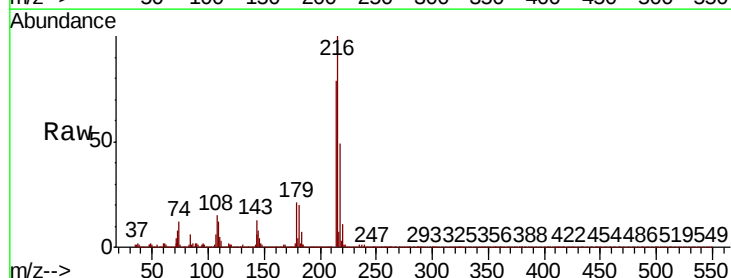
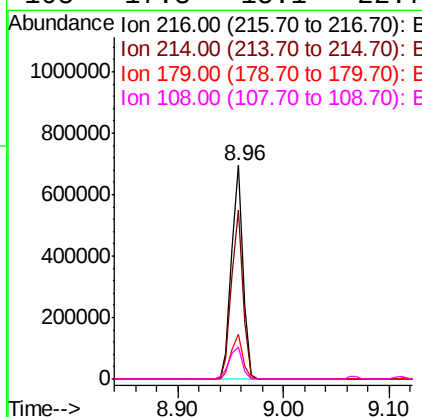
Manual Integrations
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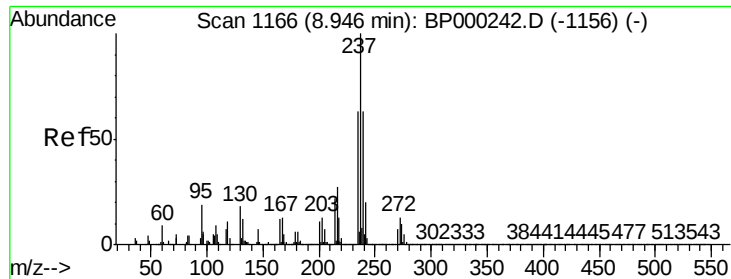
mohammad
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#40
1,2,4,5-Tetrachlorobenzene
Concen: 45.680 ng
RT: 8.96 min Scan# 1168
Delta R.T. 0.00 min
Lab File: BP000367.D
Acq: 23 Sep 2019 17:44

Tgt Ion	Ratio	Resp	Lower	Upper
216	100			
214	78.8	63.6	95.4	
179	20.9	17.0	25.4	
108	17.3	15.1	22.7	





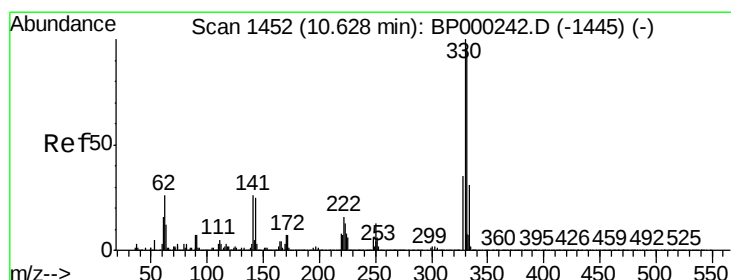
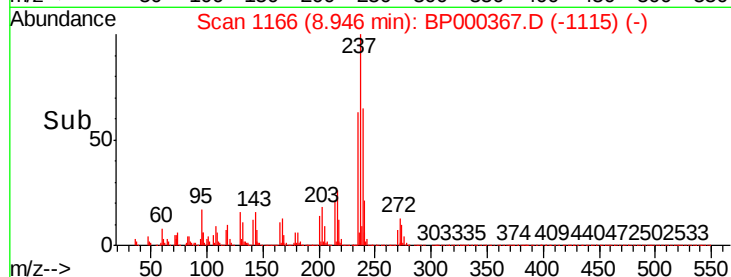
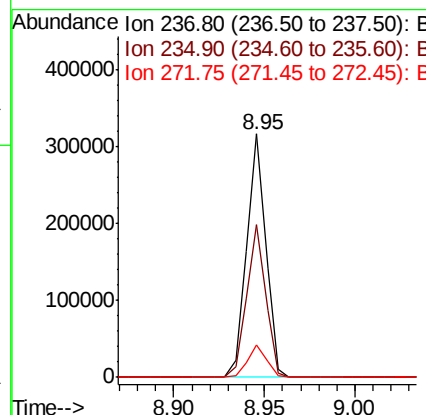
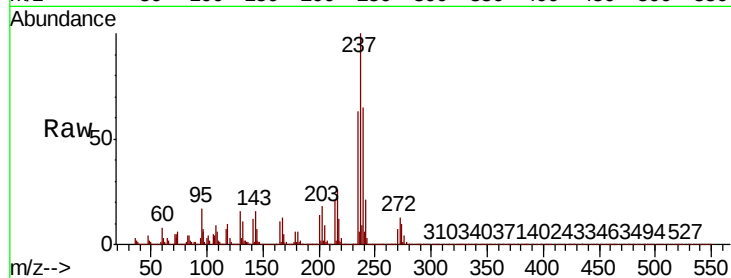
#41
Hexachlorocyclopentadiene
Concen: 35.499 ng
RT: 8.95 min Scan# 1166
Delta R.T. 0.00 min
Lab File: BP000367.D
Acq: 23 Sep 2019 17:44

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
237	100			
235	62.7	43.5	83.5	
272	13.2	0.0	33.0	

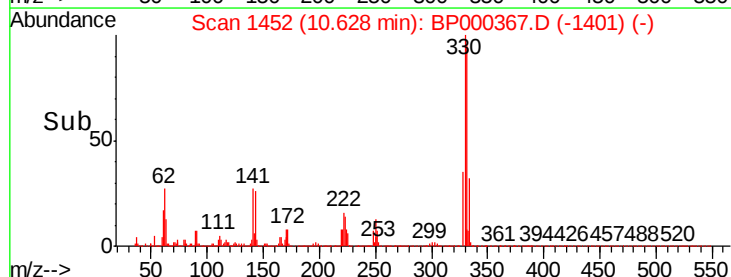
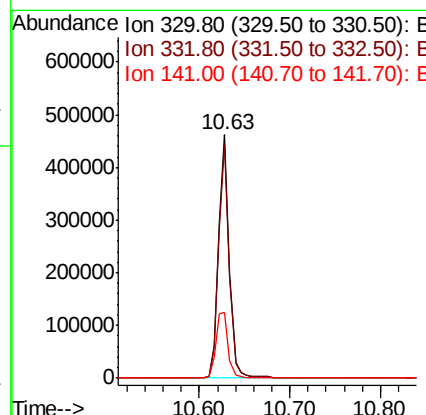
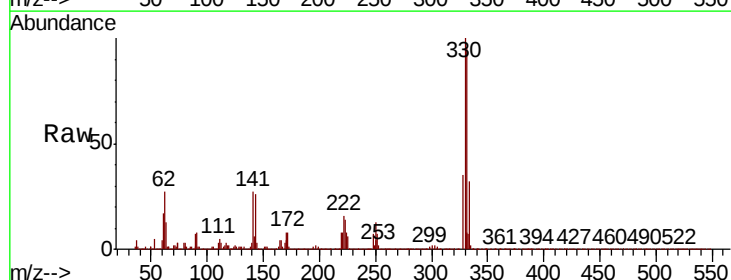
Manual Integrations
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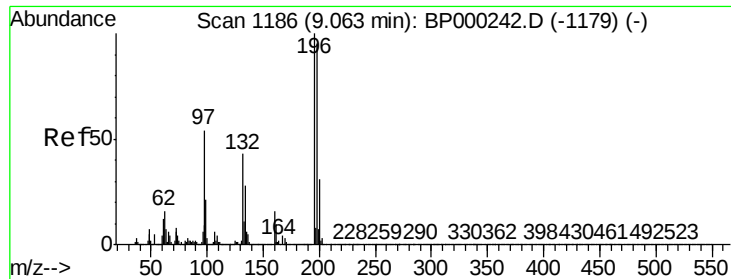
mohammad
9/24/2019 2:38:37 PM



#42
2,4,6-Tribromophenol
Concen: 98.239 ng
RT: 10.63 min Scan# 1452
Delta R.T. 0.00 min
Lab File: BP000367.D
Acq: 23 Sep 2019 17:44

Tgt Ion	Ratio	Resp	Lower	Upper
330	100			
332	95.7	76.6	115.0	
141	30.8	26.5	39.7	





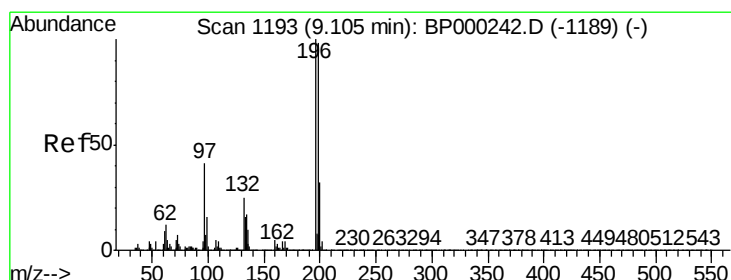
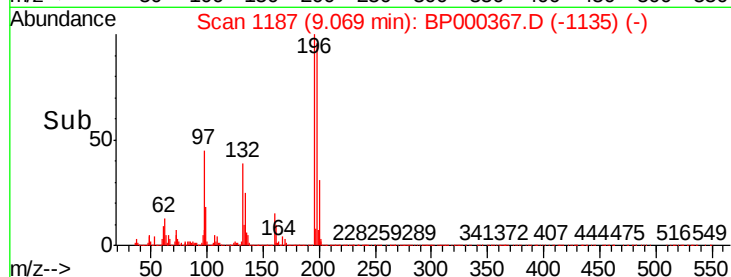
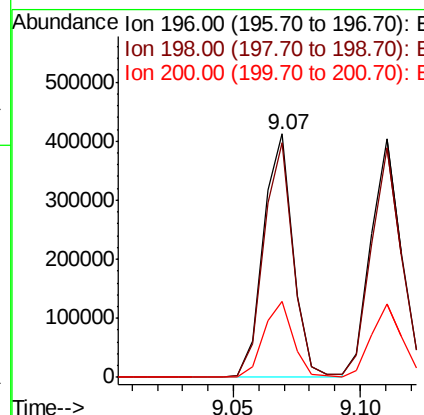
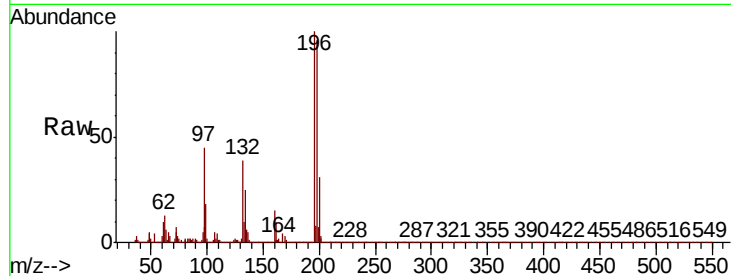
#43
 2,4,6-Trichlorophenol
 Concen: 43.279 ng
 RT: 9.07 min Scan# 1187
 Delta R.T. 0.01 min
 Lab File: BP000367.D
 Acq: 23 Sep 2019 17:44

Instrument :
 BNA_P
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
196	100			
198	96.4	76.0	114.0	
200	31.3	24.6	37.0	

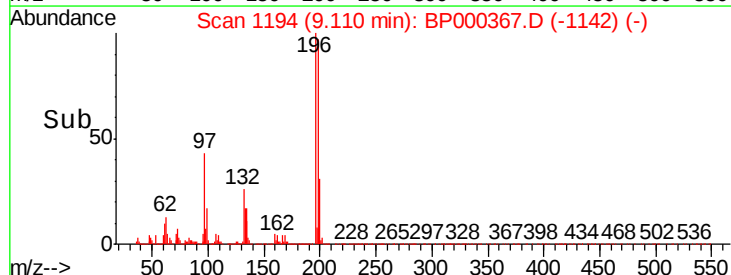
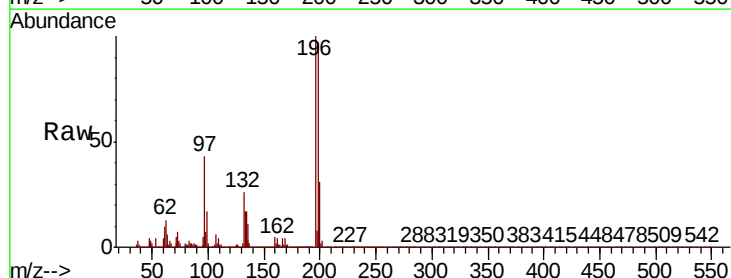
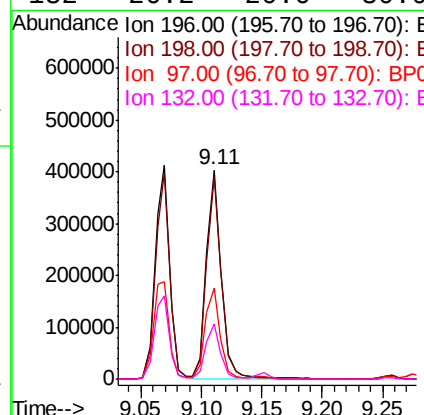
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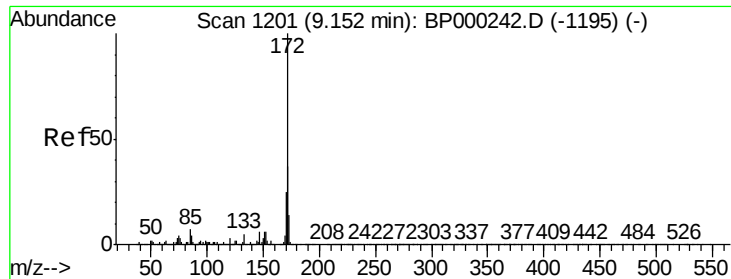
mohammad
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#44
 2,4,5-Trichlorophenol
 Concen: 43.530 ng
 RT: 9.11 min Scan# 1194
 Delta R.T. 0.01 min
 Lab File: BP000367.D
 Acq: 23 Sep 2019 17:44

Tgt Ion	Ratio	Resp	Lower	Upper
196	100			
198	96.6	78.1	117.1	
97	43.3	33.3	49.9	
132	26.2	20.0	30.0	





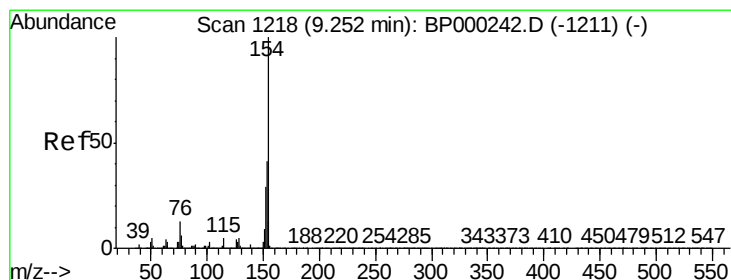
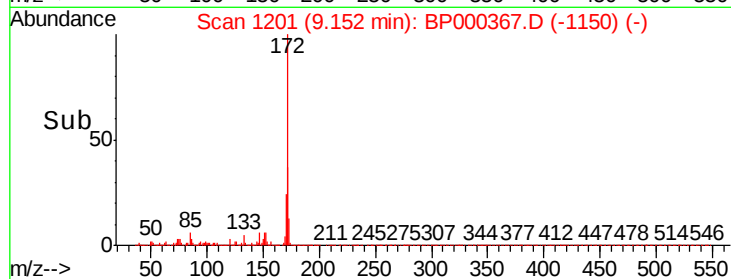
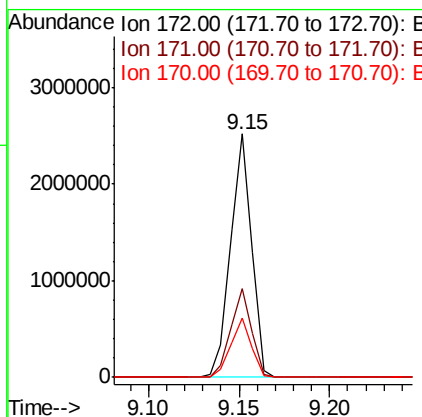
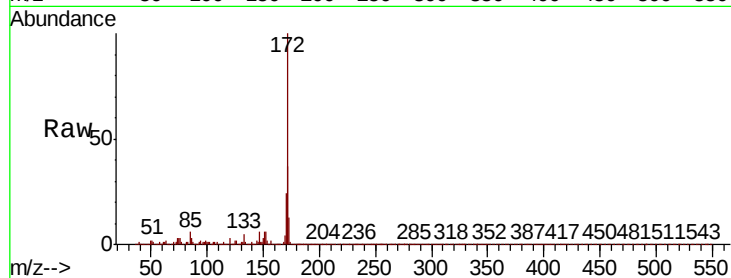
#45
2-Fluorobiphenyl
Concen: 92.881 ng
RT: 9.15 min Scan# 1201
Delta R.T. 0.00 min
Lab File: BP000367.D
Acq: 23 Sep 2019 17:44

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
172	100		
171	36.6	29.8	44.6
170	24.3	19.8	29.6

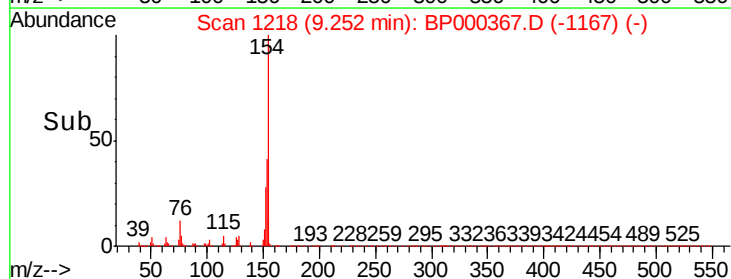
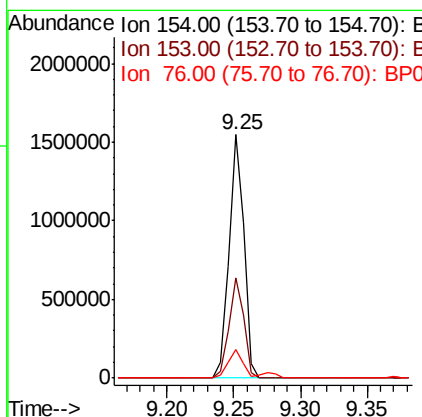
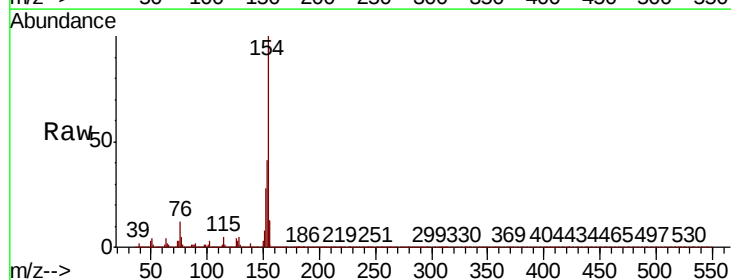
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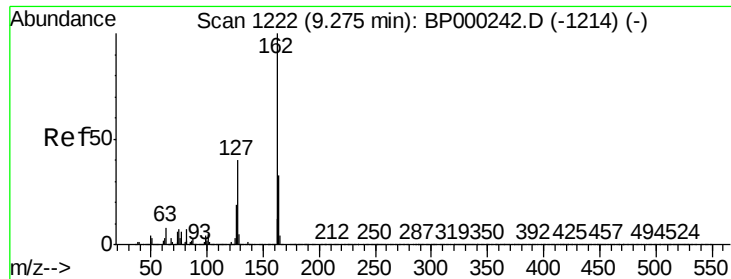
mohammad
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#46
1,1'-Biphenyl
Concen: 44.492 ng
RT: 9.25 min Scan# 1218
Delta R.T. 0.00 min
Lab File: BP000367.D
Acq: 23 Sep 2019 17:44

Tgt Ion	Ratio	Lower	Upper
154	100		
153	41.1	21.4	61.4
76	11.7	0.0	33.4





#47

2-Chloronaphthalene

Concen: 44.122 ng

RT: 9.28 min Scan# 1222

Delta R.T. 0.00 min

Lab File: BP000367.D

Acq: 23 Sep 2019 17:44

Instrument :

BNA_P

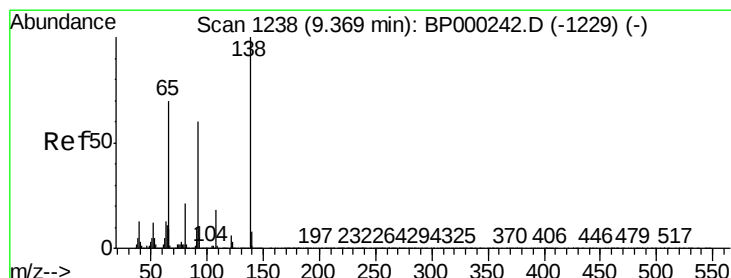
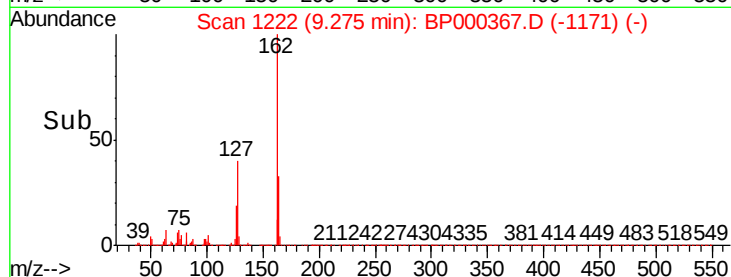
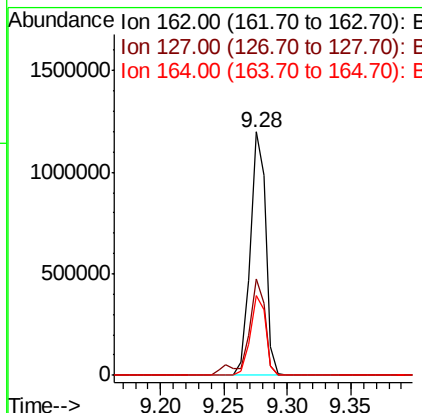
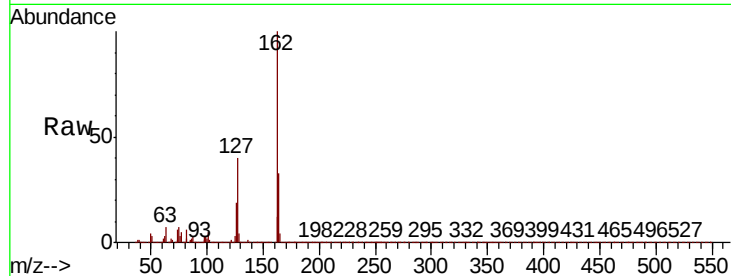
ClientSampleId :

SSTDCCC040

Tot Ion:	162	Resp:	1013203
Ion	Ratio	Lower	Upper
162	100		
127	39.7	32.4	48.6
164	33.0	26.3	39.5

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#48

2-Nitroaniline

Concen: 41.168 ng

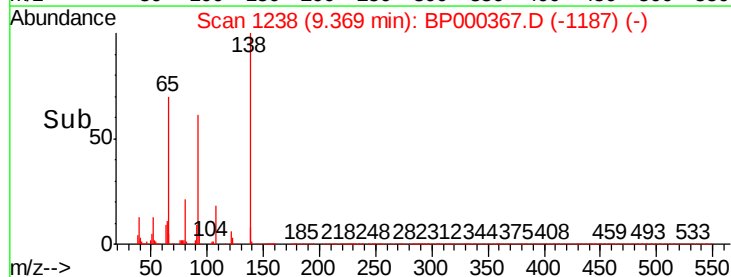
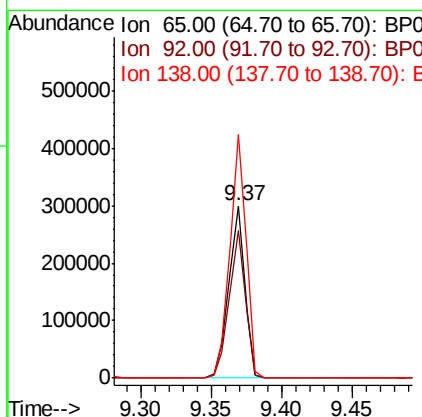
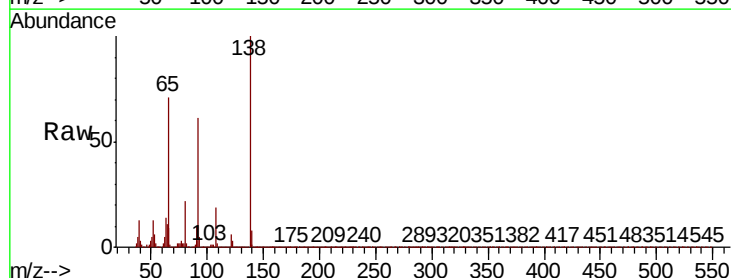
RT: 9.37 min Scan# 1238

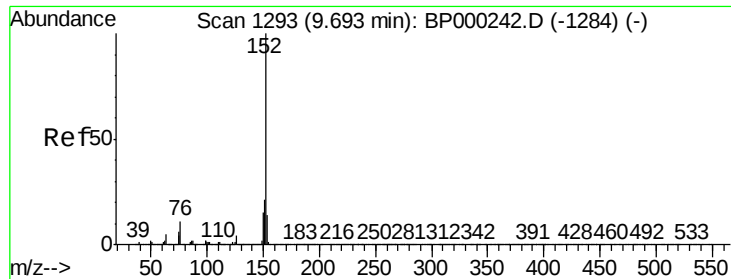
Delta R.T. 0.00 min

Lab File: BP000367.D

Acq: 23 Sep 2019 17:44

Tgt Ion:	65	Resp:	240076
Ion	Ratio	Lower	Upper
65	100		
92	85.7	68.7	103.1
138	141.6	114.4	171.6





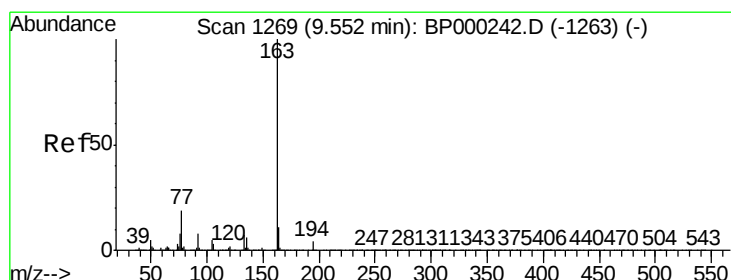
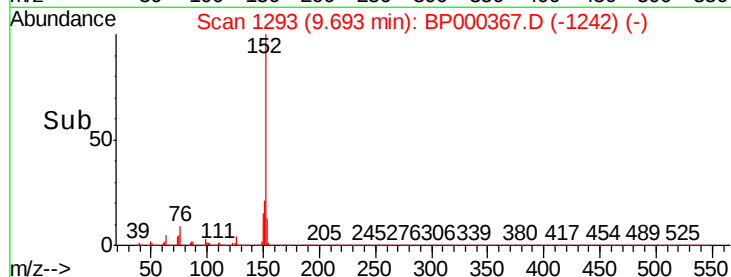
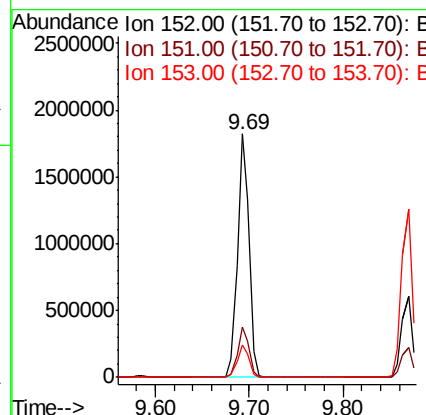
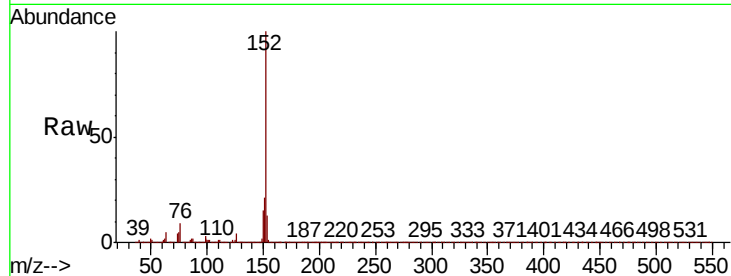
#49
Acenaphthylene
Concen: 44.432 ng
RT: 9.69 min Scan# 1293
Delta R.T. 0.00 min
Lab File: BP000367.D
Acq: 23 Sep 2019 17:44

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
152	100		
151	20.7	16.4	24.6
153	13.4	11.0	16.4

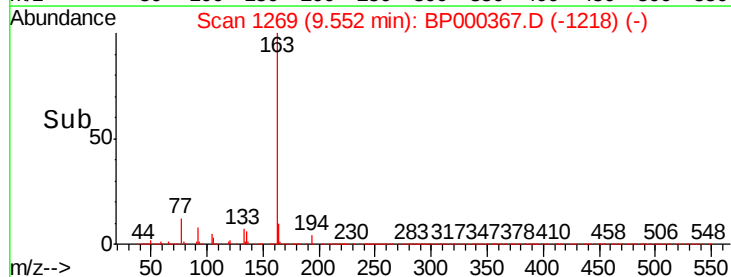
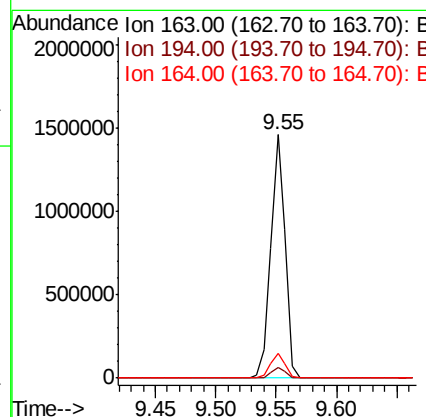
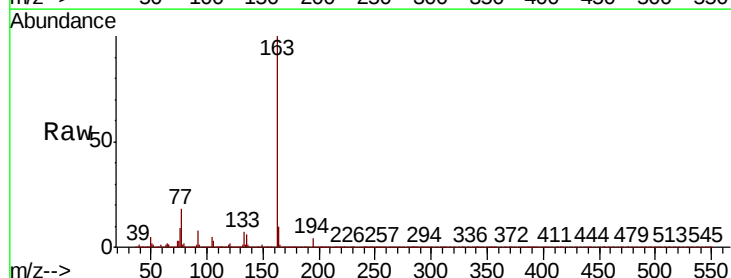
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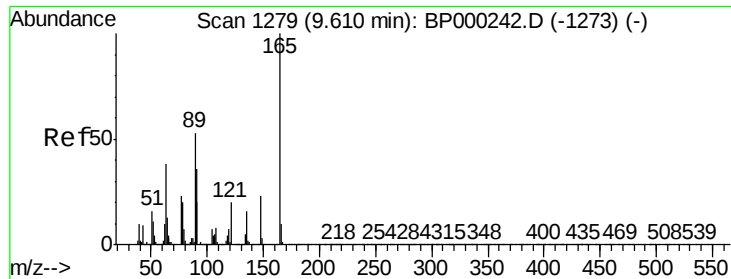
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#50
Dimethylphthalate
Concen: 44.587 ng
RT: 9.55 min Scan# 1269
Delta R.T. 0.00 min
Lab File: BP000367.D
Acq: 23 Sep 2019 17:44

Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.3	3.4	5.0
164	10.2	8.5	12.7





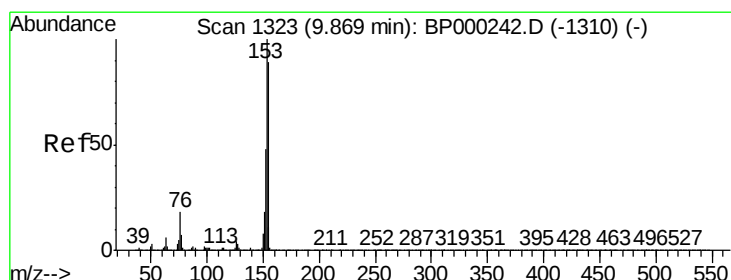
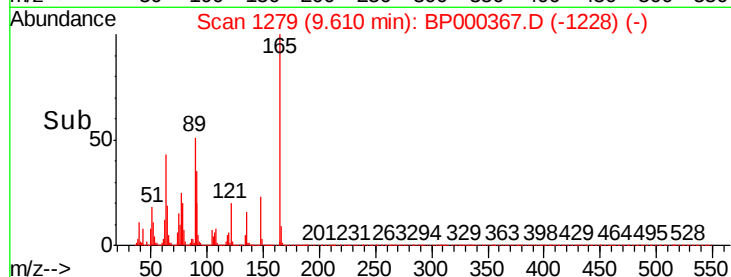
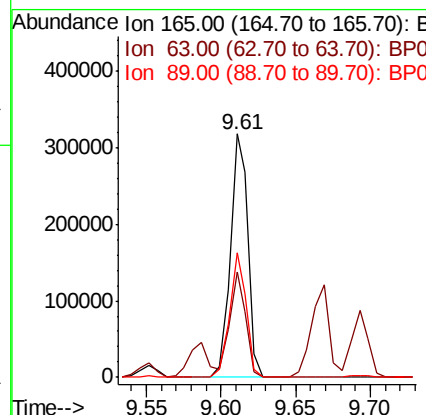
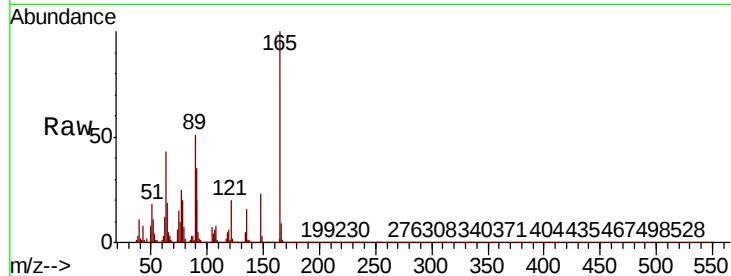
#51
 2,6-Dinitrotoluene
 Concen: 44.635 ng
 RT: 9.61 min Scan# 1279
 Delta R.T. 0.00 min
 Lab File: BP000367.D
 Acq: 23 Sep 2019 17:44

Instrument :
 BNA_P
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
165	100	264596		
63	43.4		35.8	53.8
89	51.3		42.6	63.8

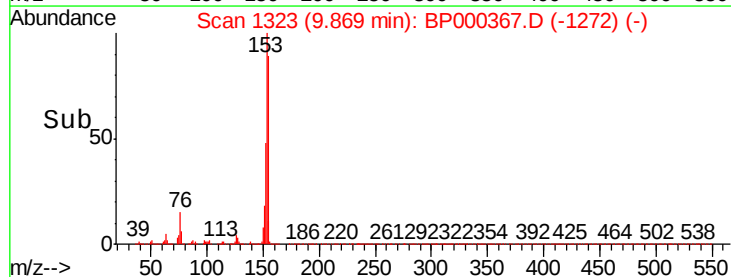
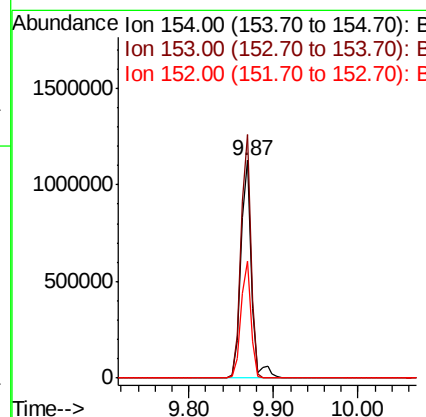
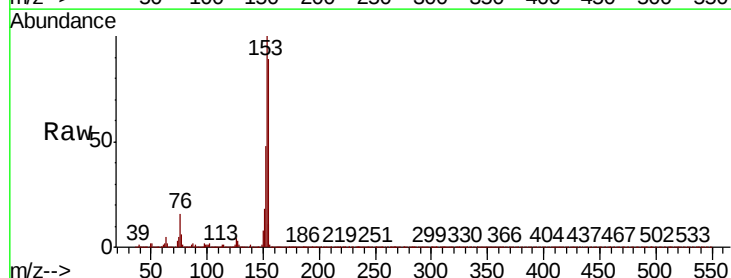
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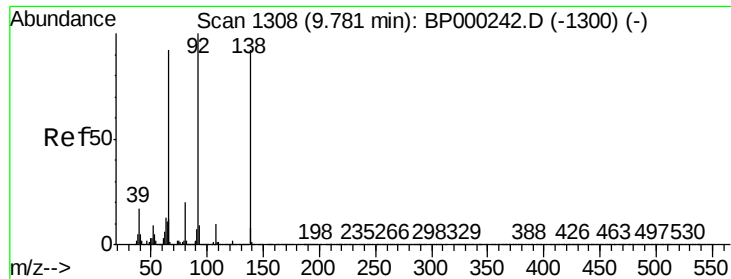
mohammad
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#52
 Acenaphthene
 Concen: 43.990 ng
 RT: 9.87 min Scan# 1323
 Delta R.T. 0.00 min
 Lab File: BP000367.D
 Acq: 23 Sep 2019 17:44

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	958243		
153	111.9		89.8	134.6
152	54.0		43.4	65.0





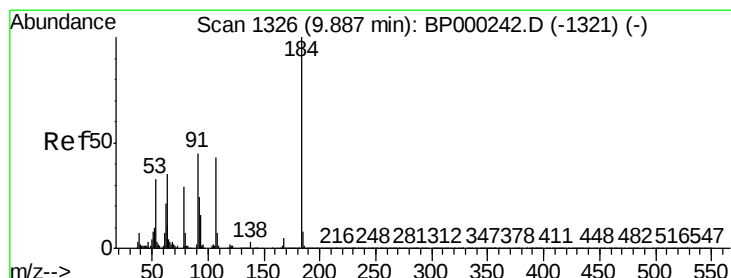
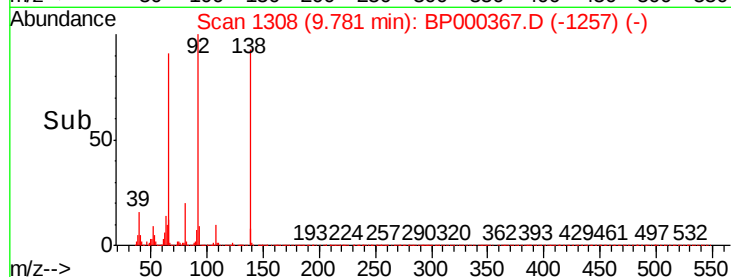
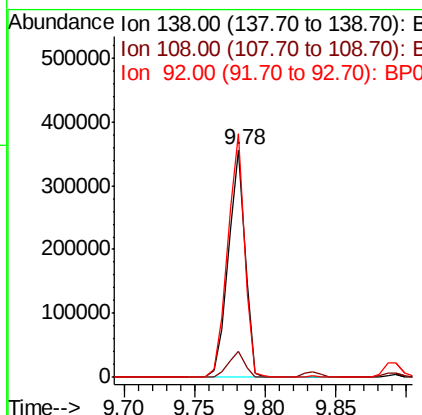
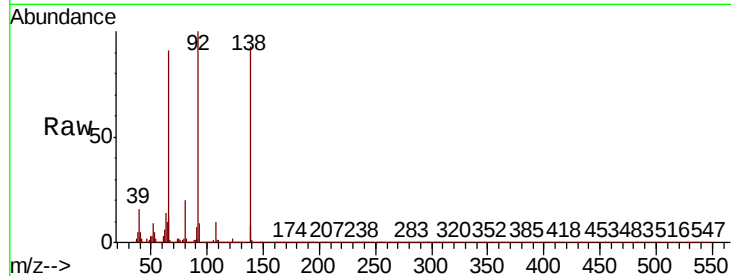
#53
3-Nitroaniline
Concen: 42.941 ng
RT: 9.78 min Scan# 1308
Delta R.T. 0.00 min
Lab File: BP000367.D
Acq: 23 Sep 2019 17:44

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
138	100		
108	11.2	9.1	13.7
92	107.1	86.7	130.1

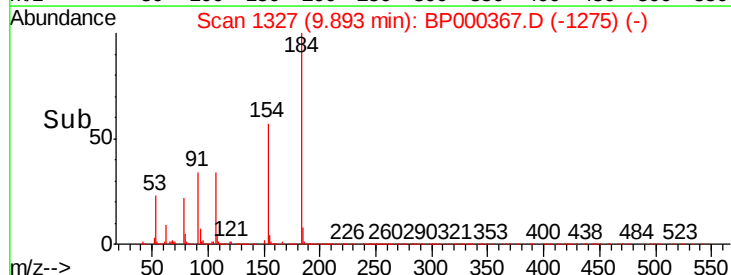
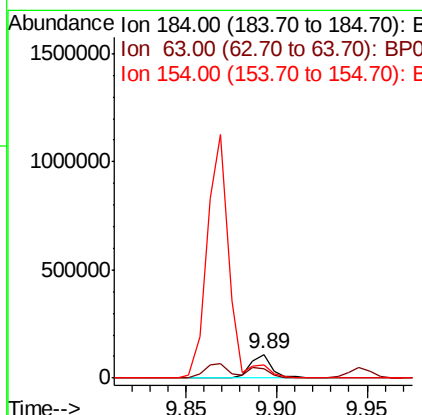
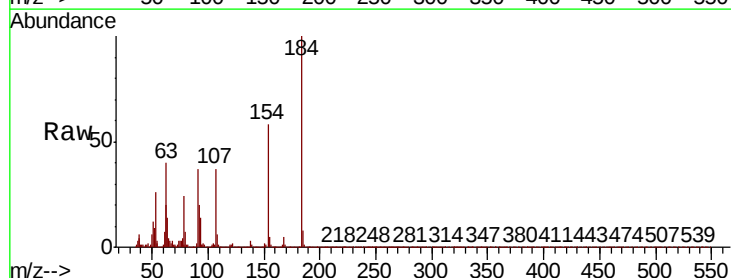
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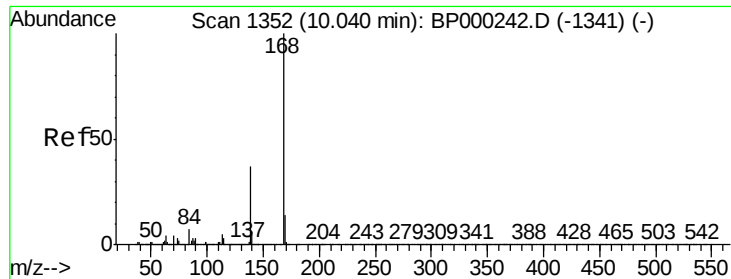
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#54
2,4-Dinitrophenol
Concen: 35.816 ng
RT: 9.89 min Scan# 1327
Delta R.T. 0.01 min
Lab File: BP000367.D
Acq: 23 Sep 2019 17:44

Tgt Ion	Ratio	Lower	Upper
184	100		
63	40.4	39.5	59.3
154	58.0	48.8	73.2





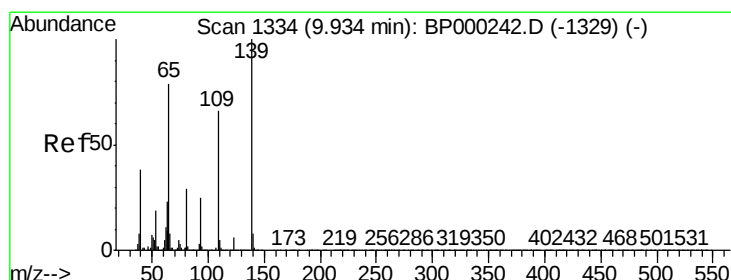
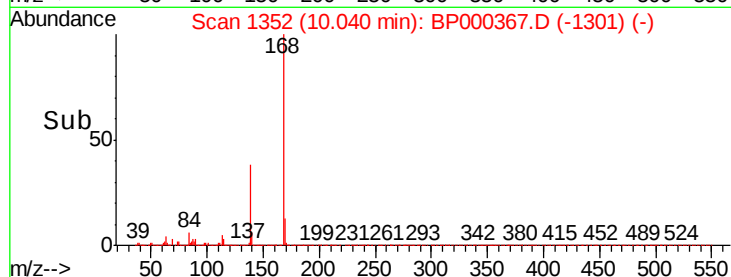
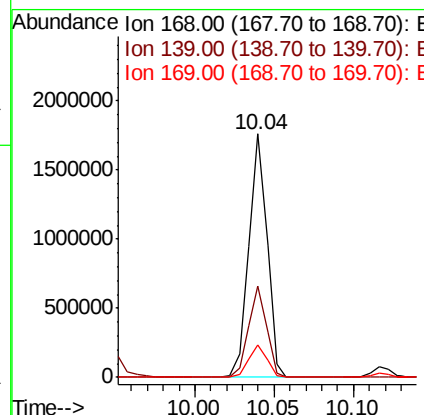
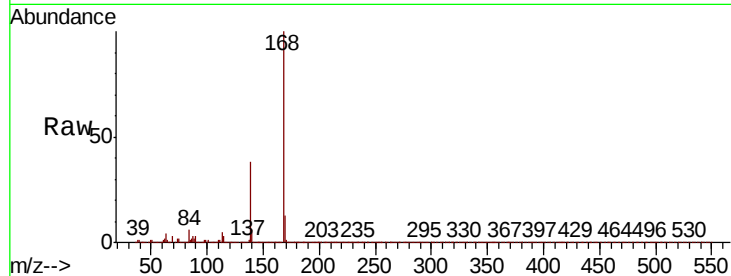
#55
Dibenzofuran
Concen: 45.291 ng
RT: 10.04 min Scan# 1352
Delta R.T. 0.00 min
Lab File: BP000367.D
Acq: 23 Sep 2019 17:44

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
168	100		
139	37.6	30.0	45.0
169	13.4	11.0	16.6

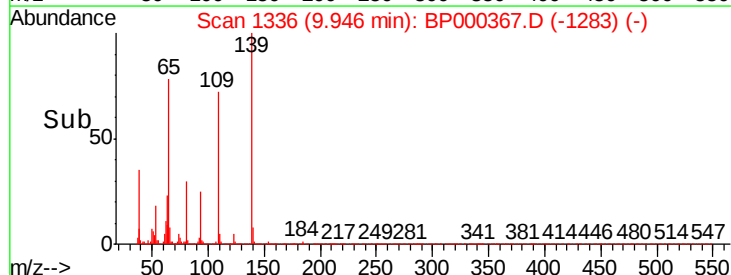
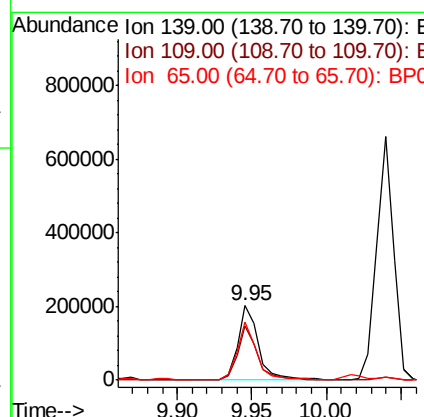
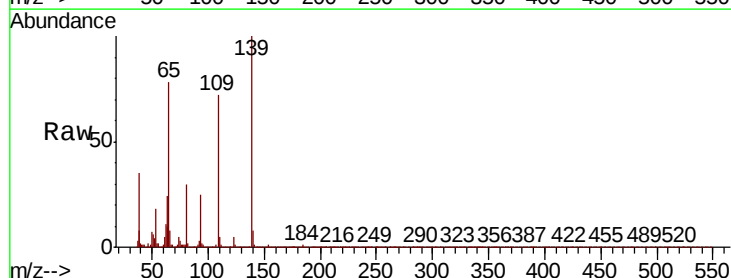
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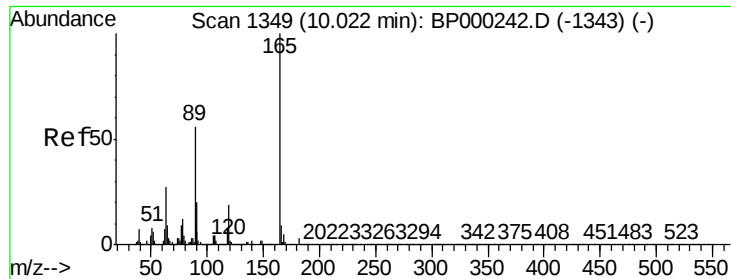
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#56
4-Nitrophenol
Concen: 38.264 ng
RT: 9.95 min Scan# 1336
Delta R.T. 0.01 min
Lab File: BP000367.D
Acq: 23 Sep 2019 17:44

Tgt Ion	Ratio	Lower	Upper
139	100		
109	72.3	46.2	86.2
65	77.7	59.4	99.4





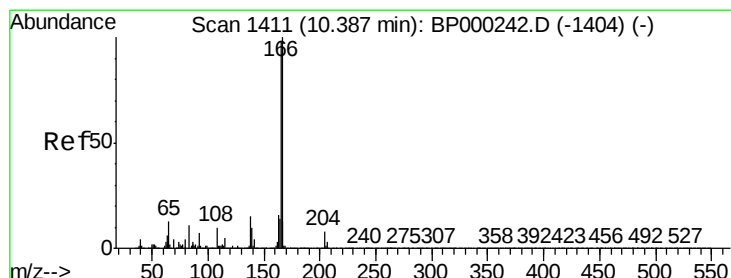
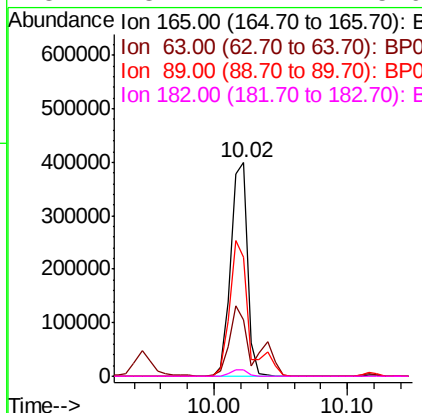
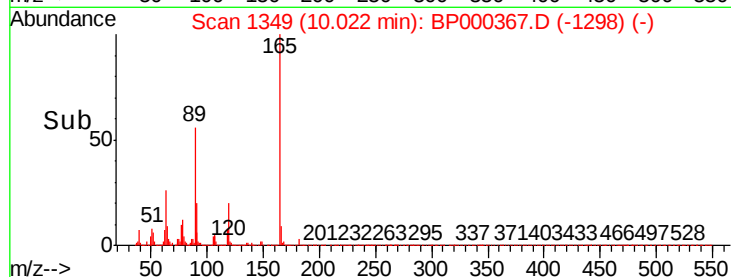
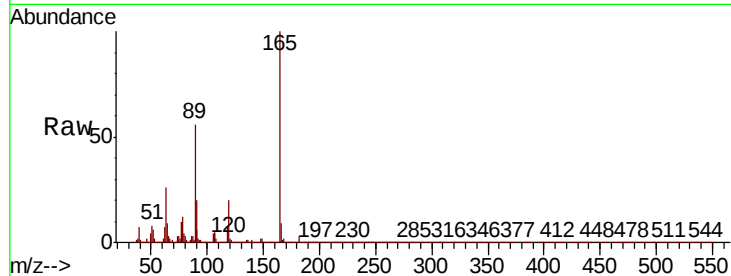
#57
2,4-Dinitrotoluene
Concen: 45.700 ng
RT: 10.02 min Scan# 1349
Delta R.T. 0.00 min
Lab File: BP000367.D
Acq: 23 Sep 2019 17:44

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tot Ion:	165	Resp:	354160
Ion Ratio	Lower	Upper	
165	100		
63	26.3	21.7	32.5
89	55.9	45.0	67.6
182	3.2	2.4	3.6

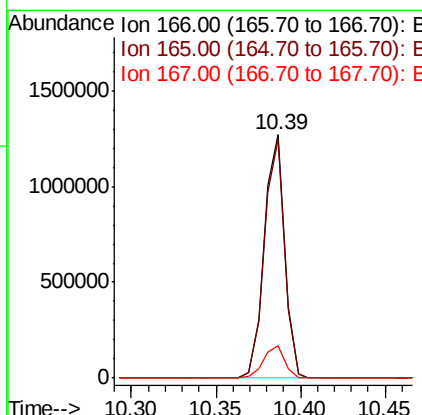
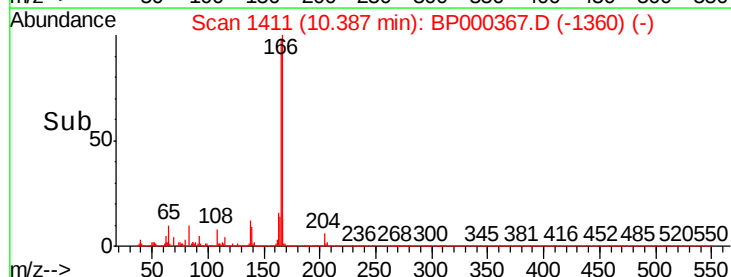
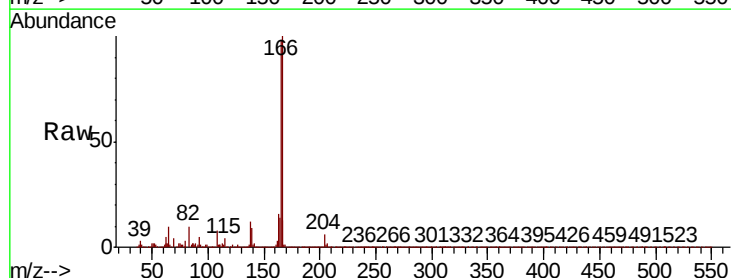
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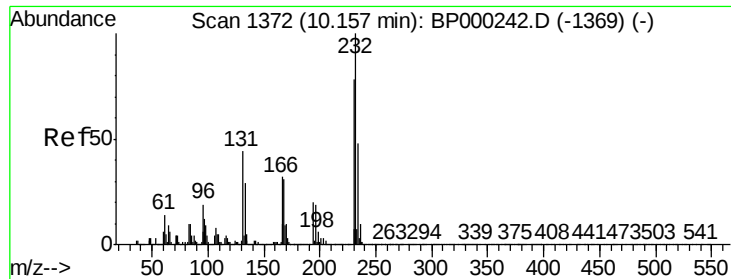
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#58
Fluorene
Concen: 44.614 ng
RT: 10.39 min Scan# 1411
Delta R.T. 0.00 min
Lab File: BP000367.D
Acq: 23 Sep 2019 17:44

Tgt Ion:	166	Resp:	1061124
Ion Ratio	Lower	Upper	
166	100		
165	97.9	78.2	117.2
167	13.2	10.7	16.1





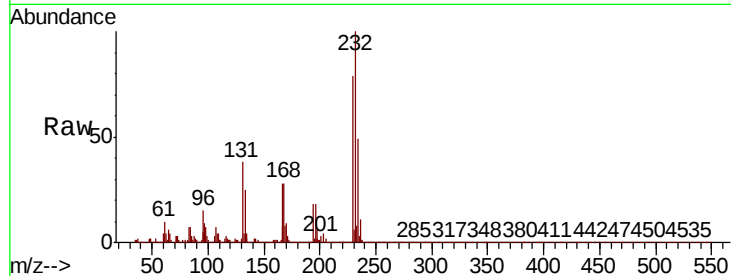
#59
2,3,4,6-Tetrachlorophenol
Concen: 44.096 ng
RT: 10.16 min Scan# 1373
Delta R.T. 0.01 min
Lab File: BP000367.D
Acq: 23 Sep 2019 17:44

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
232	100	290880		
131	40.9	33.6	50.4	
130	2.3	1.8	2.6	
166	29.6	24.2	36.2	

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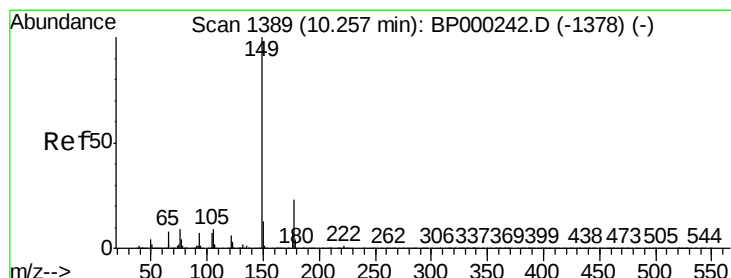
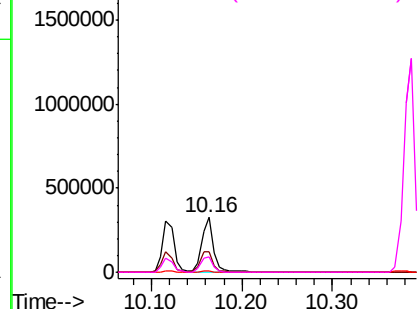
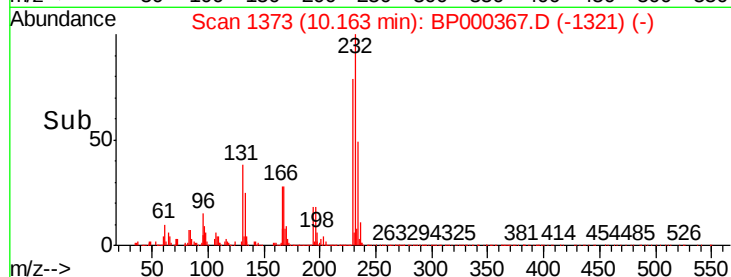
Abundance

Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

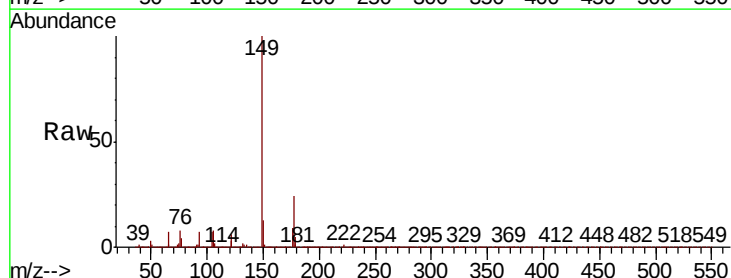
Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60
Diethylphthalate
Concen: 45.597 ng
RT: 10.26 min Scan# 1389
Delta R.T. 0.00 min
Lab File: BP000367.D
Acq: 23 Sep 2019 17:44

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	1182574		
177	23.5	18.1	27.1	
150	12.8	10.3	15.5	

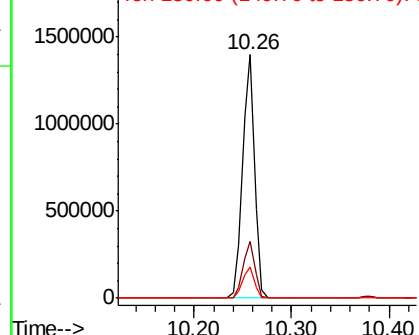
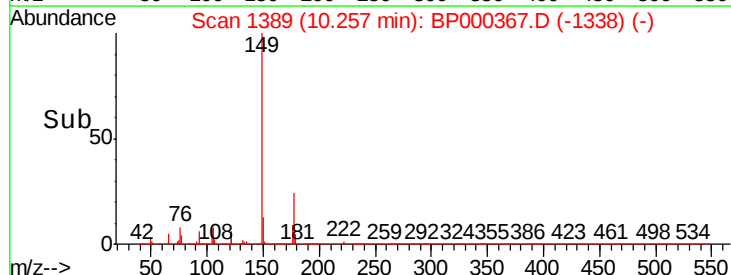


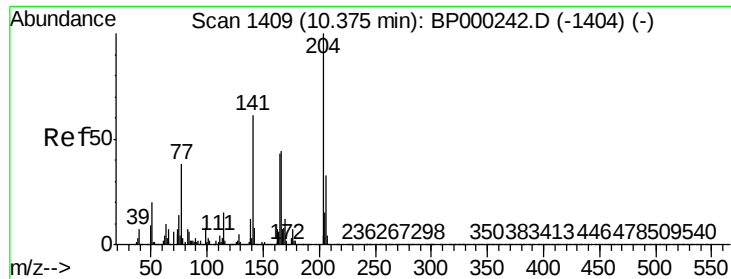
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E





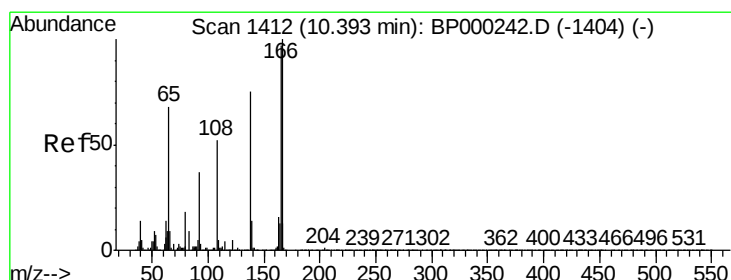
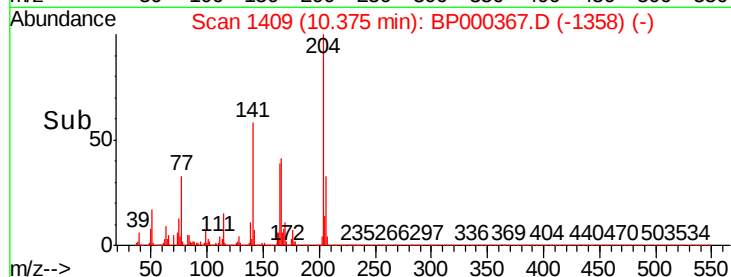
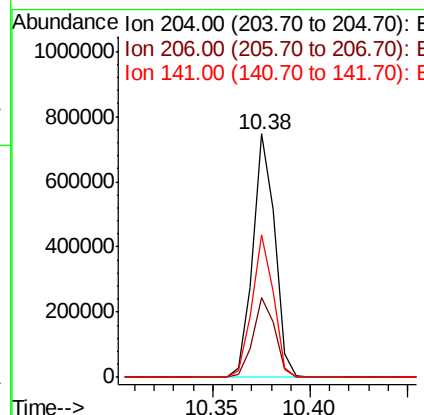
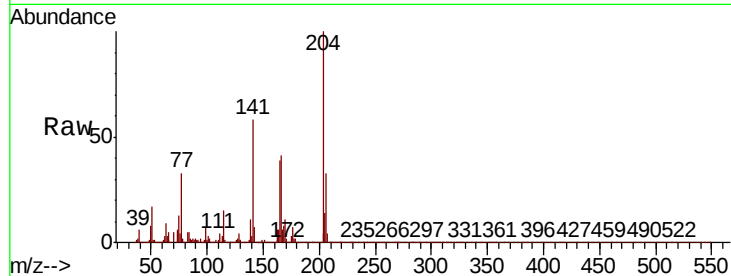
#61
4-Chlorophenyl-phenylether
Concen: 47.525 ng
RT: 10.38 min Scan# 1409
Delta R.T. 0.00 min
Lab File: BP000367.D
Acq: 23 Sep 2019 17:44

Instrument :
BNA_P
ClientSampleID :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
204	100		
206	33.0	26.3	39.5
141	58.4	48.6	72.8

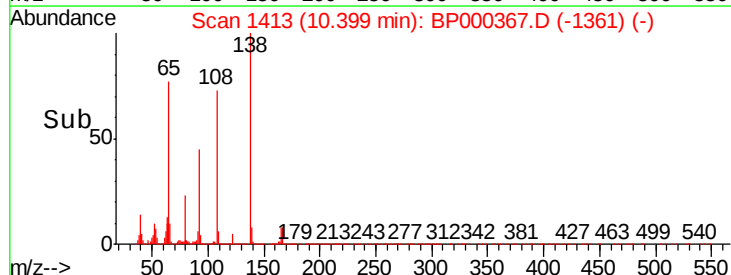
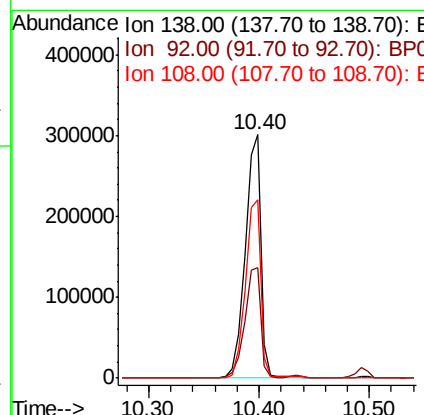
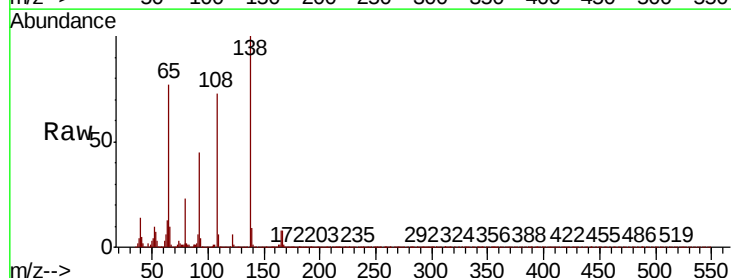
Manual Integrations
APPROVED

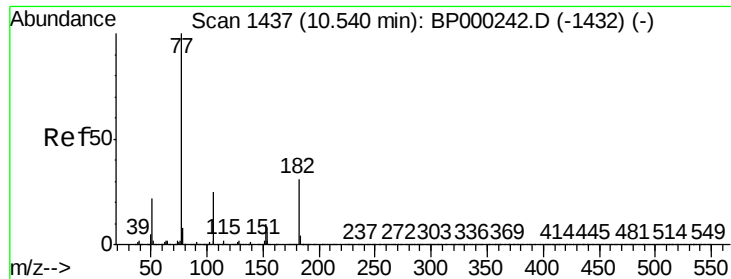
mohammad
9/24/2019 2:38:37 PM



#62
4-Nitroaniline
Concen: 44.360 ng
RT: 10.40 min Scan# 1413
Delta R.T. 0.01 min
Lab File: BP000367.D
Acq: 23 Sep 2019 17:44

Tgt Ion	Ratio	Lower	Upper
138	100		
92	45.4	30.1	70.1
108	73.3	49.5	89.5





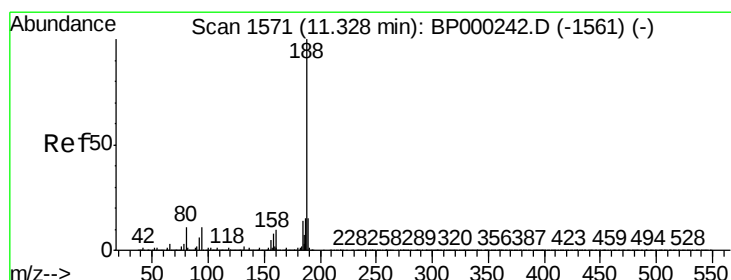
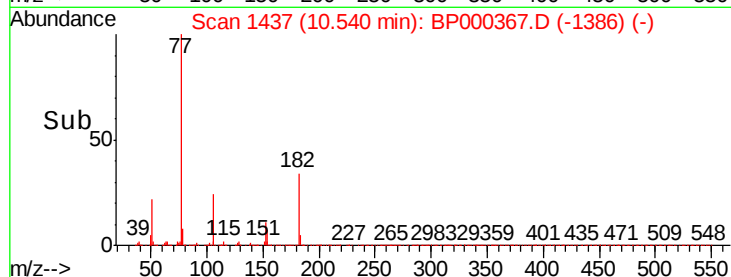
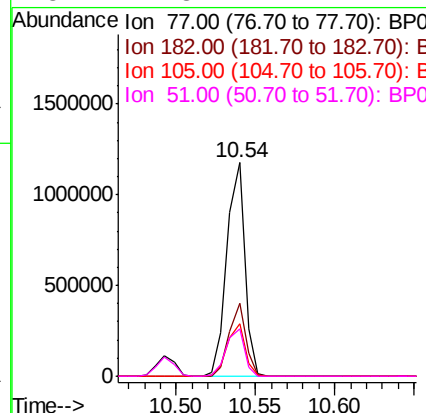
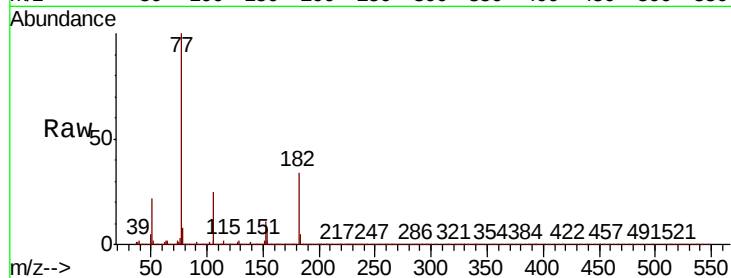
#63
Azobenzene
Concen: 42.040 ng
RT: 10.54 min Scan# 1437
Delta R.T. 0.00 min
Lab File: BP000367.D
Acq: 23 Sep 2019 17:44

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
77	100		
182	34.1	11.1	51.1
105	24.7	4.7	44.7
51	22.3	2.2	42.2

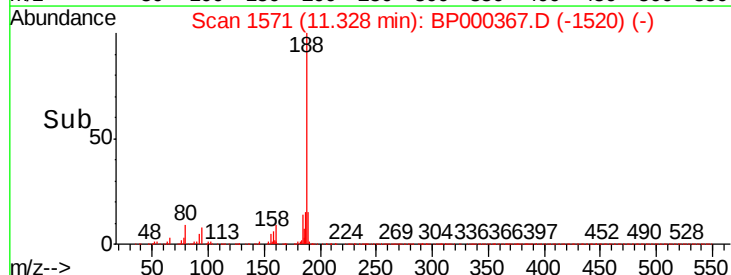
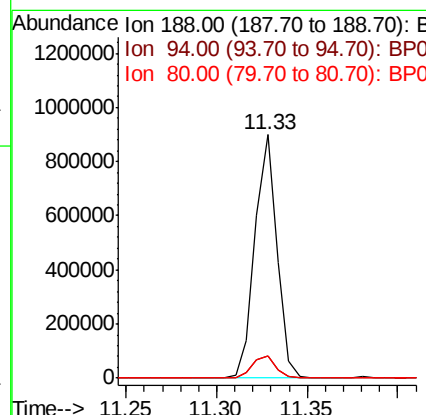
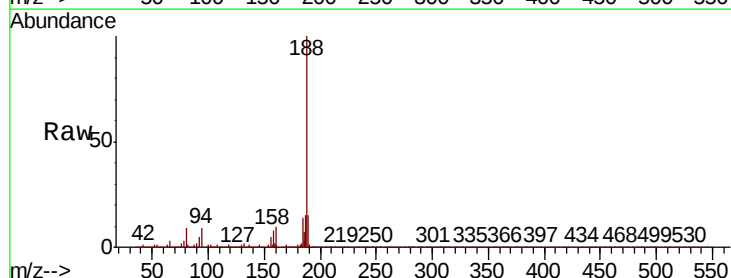
Manual Integrations
APPROVED

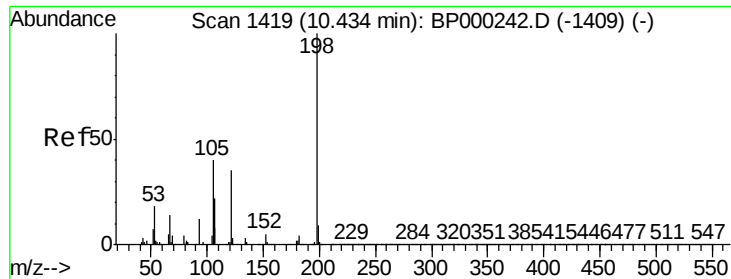
mohammad
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.33 min Scan# 1571
Delta R.T. 0.00 min
Lab File: BP000367.D
Acq: 23 Sep 2019 17:44

Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.9	8.5	12.7
80	9.3	8.6	13.0





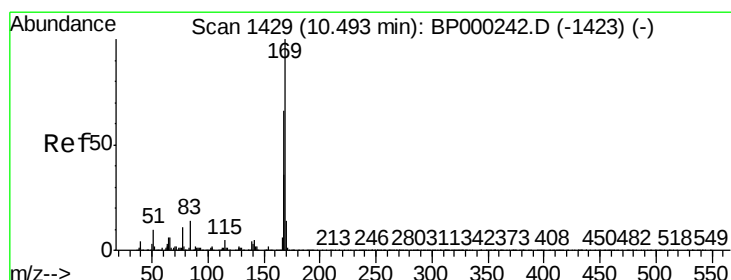
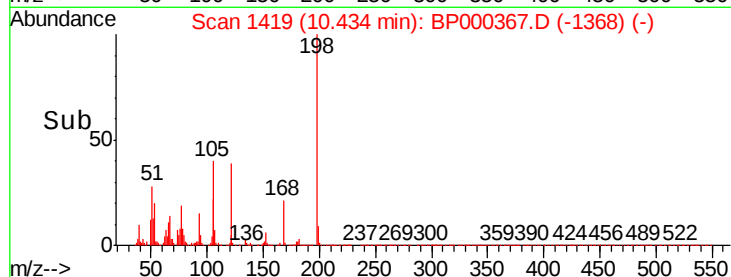
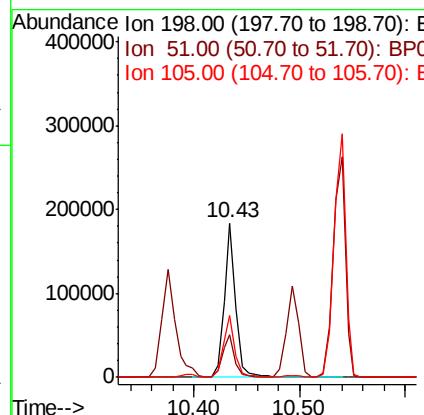
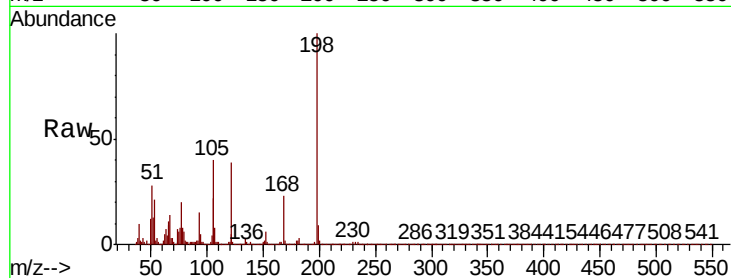
#65
4,6-Dinitro-2-methylphenol
Concen: 39.619 ng
RT: 10.43 min Scan# 1419
Delta R.T. 0.00 min
Lab File: BP000367.D
Acq: 23 Sep 2019 17:44

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
198	100	141228		
51	28.0	7.4	47.4	
105	39.9	20.2	60.2	

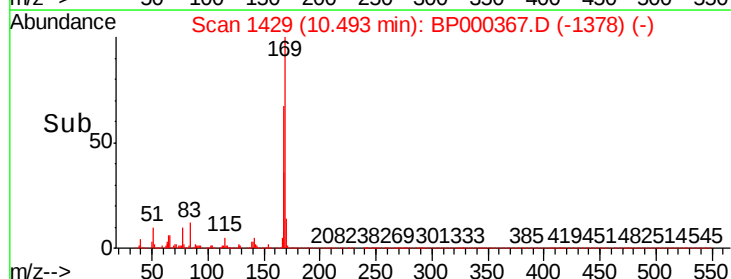
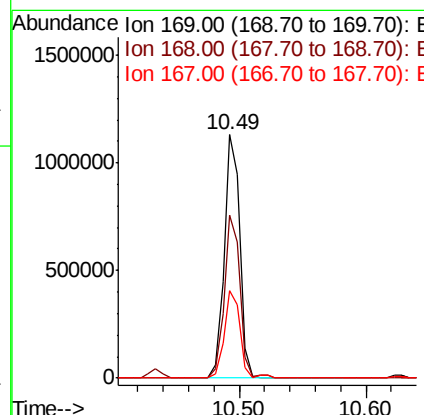
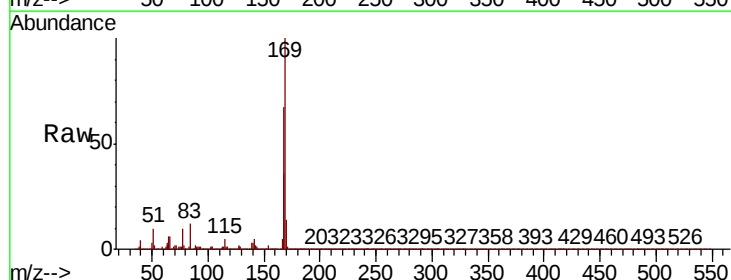
Manual Integrations
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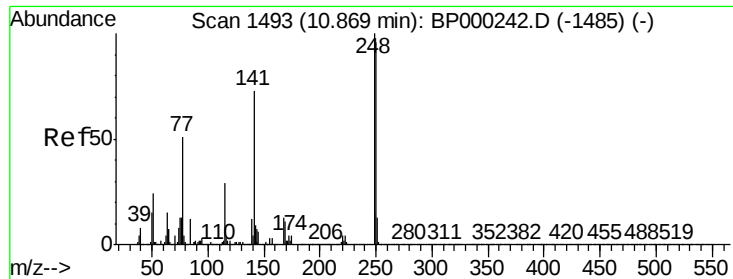
mohammad
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#66
n-Nitrosodiphenylamine
Concen: 42.501 ng
RT: 10.49 min Scan# 1429
Delta R.T. 0.00 min
Lab File: BP000367.D
Acq: 23 Sep 2019 17:44

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	969957		
168	66.7	52.9	79.3	
167	35.8	29.0	43.6	





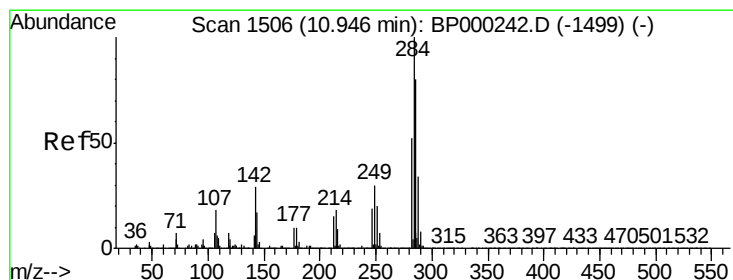
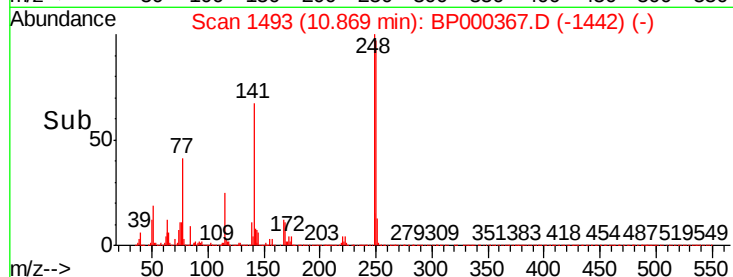
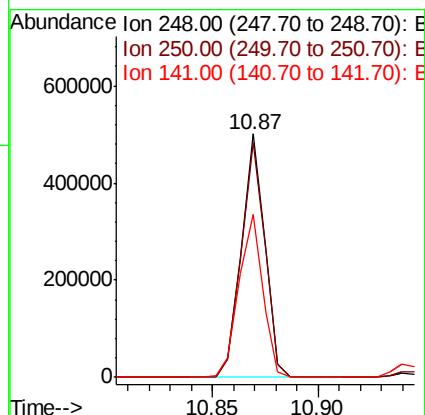
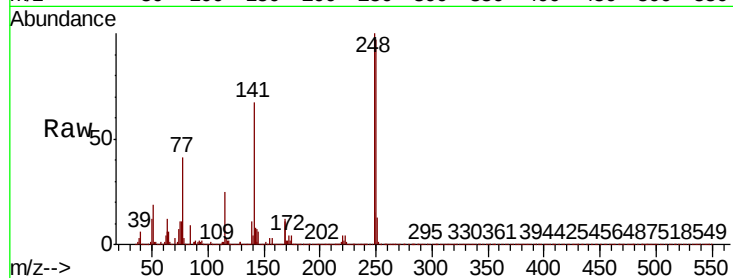
#67
4-Bromophenyl-phenylether
Concen: 44.297 ng
RT: 10.87 min Scan# 1493
Delta R.T. 0.00 min
Lab File: BP000367.D
Acq: 23 Sep 2019 17:44

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
248	100		
250	96.6	77.0	115.4
141	67.1	58.5	87.7

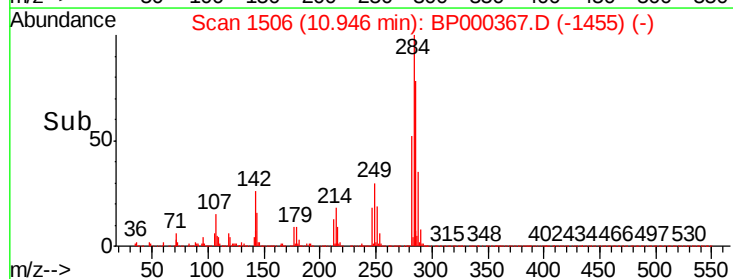
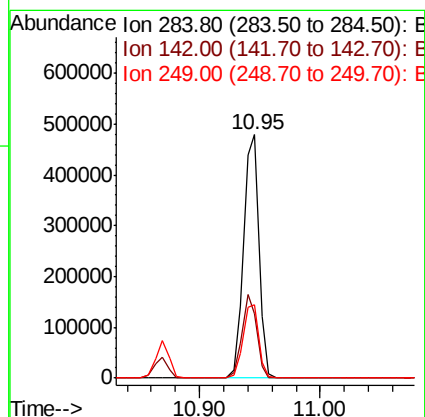
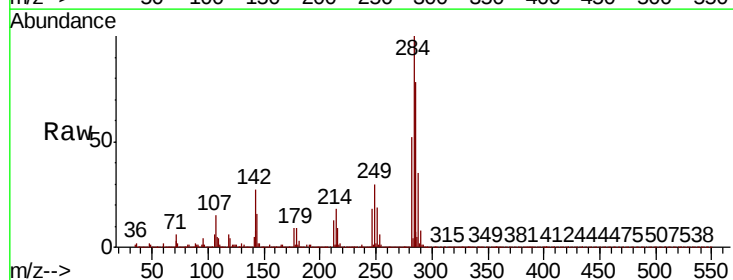
Manual Integrations
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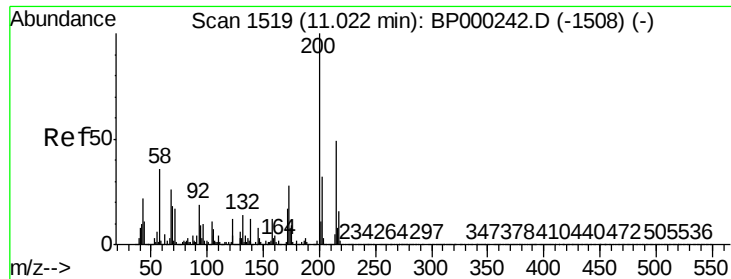
mohammad
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#68
Hexachlorobenzene
Concen: 45.632 ng
RT: 10.95 min Scan# 1506
Delta R.T. 0.00 min
Lab File: BP000367.D
Acq: 23 Sep 2019 17:44

Tgt Ion	Ratio	Lower	Upper
284	100		
142	26.6	23.6	35.4
249	30.1	24.3	36.5





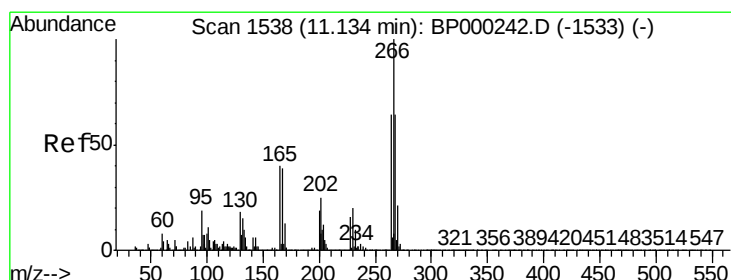
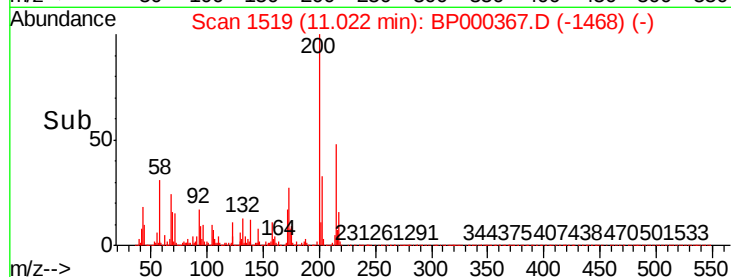
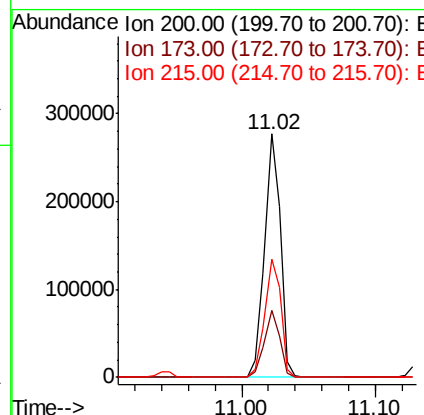
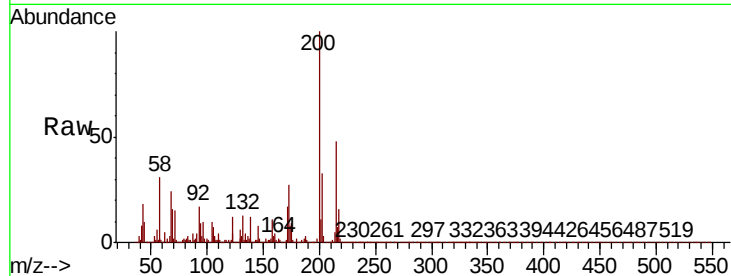
#69
Atrazine
Concen: 34.935 ng
RT: 11.02 min Scan# 1519
Delta R.T. 0.00 min
Lab File: BP000367.D
Acq: 23 Sep 2019 17:44

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
200	100	223596		
173	27.4	7.6	47.6	
215	48.5	28.6	68.6	

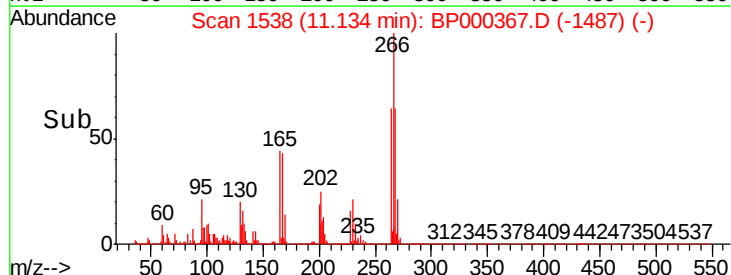
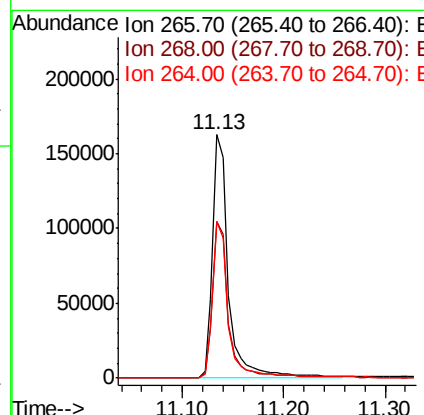
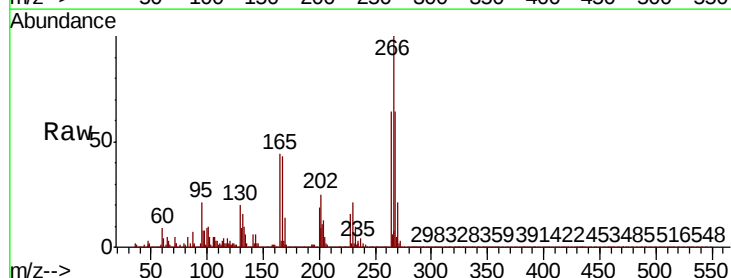
Manual Integrations
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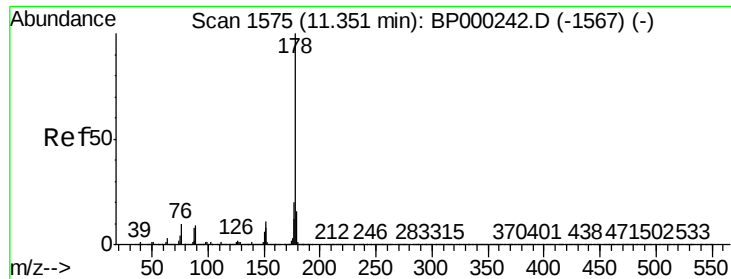
mohammad
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#70
Pentachlorophenol
Concen: 34.912 ng
RT: 11.13 min Scan# 1538
Delta R.T. 0.00 min
Lab File: BP000367.D
Acq: 23 Sep 2019 17:44

Tgt Ion	Ratio	Resp	Lower	Upper
266	100	178206		
268	64.4	51.6	77.4	
264	64.4	50.8	76.2	





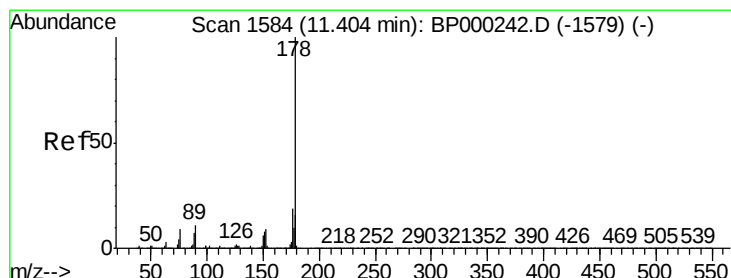
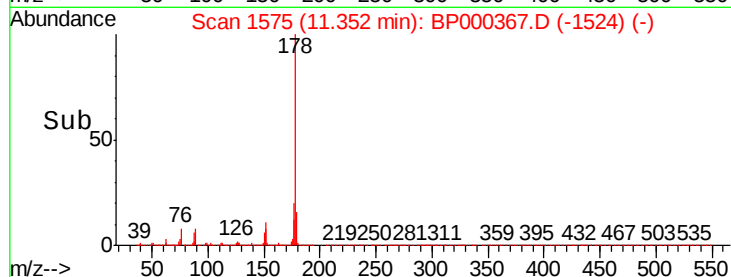
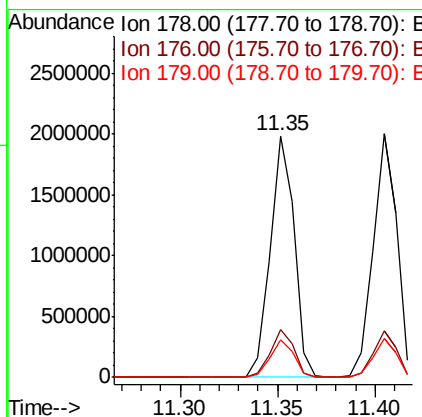
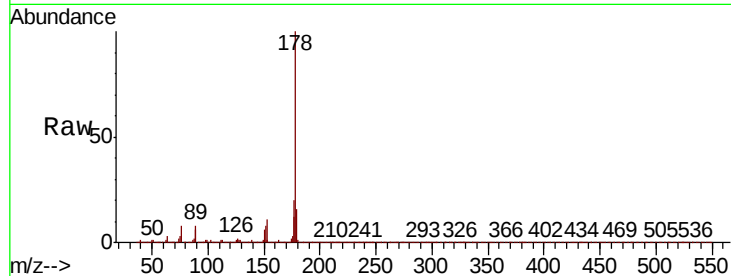
#71
Phenanthrene
Concen: 44.286 ng
RT: 11.35 min Scan# 1575
Delta R.T. 0.00 min
Lab File: BP000367.D
Acq: 23 Sep 2019 17:44

Instrument :
BNA_P
ClientSampled :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.6	15.8	23.8
179	15.7	12.7	19.1

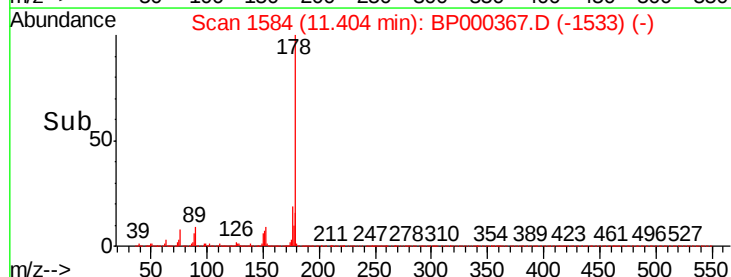
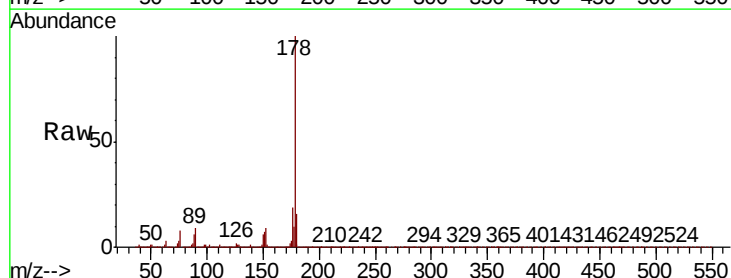
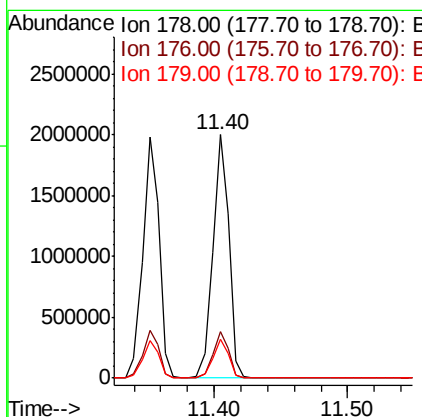
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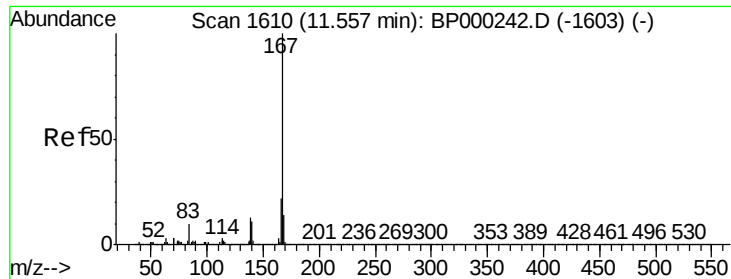
mohammad
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#72
Anthracene
Concen: 43.058 ng
RT: 11.40 min Scan# 1584
Delta R.T. 0.00 min
Lab File: BP000367.D
Acq: 23 Sep 2019 17:44

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.9	15.4	23.0
179	15.9	12.7	19.1





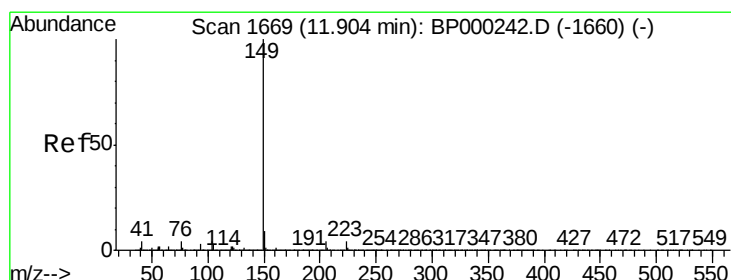
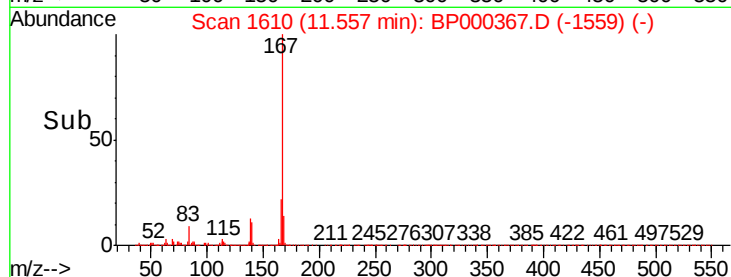
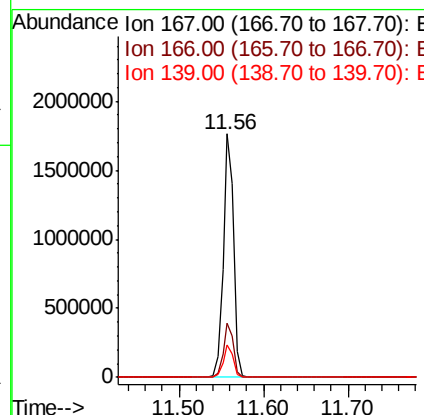
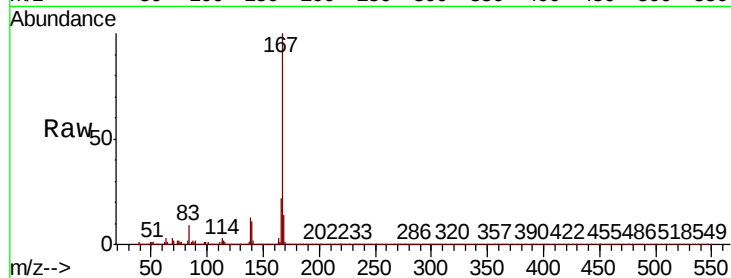
#73
 Carbazole
 Concen: 43.501 ng
 RT: 11.56 min Scan# 1610
 Delta R.T. 0.00 min
 Lab File: BP000367.D
 Acq: 23 Sep 2019 17:44

Instrument :
 BNA_P
 ClientSampleId :
 SSTCCCC040

Tot Ion	Ratio	Lower	Upper
167	100		
166	22.2	17.8	26.8
139	13.4	10.8	16.2

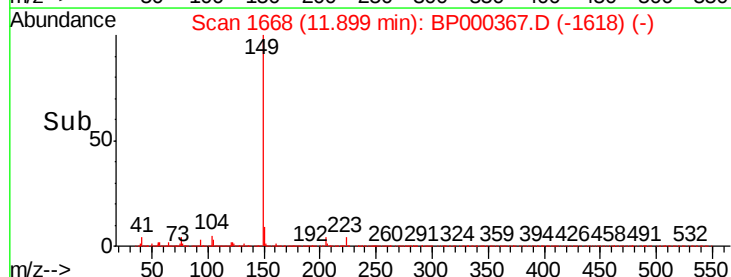
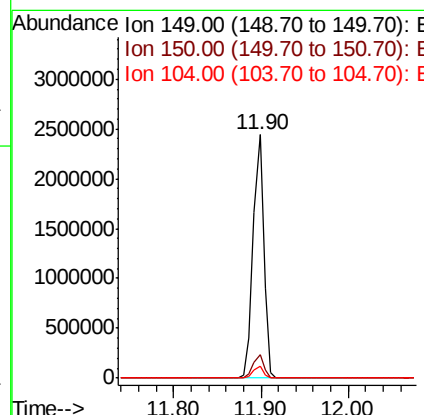
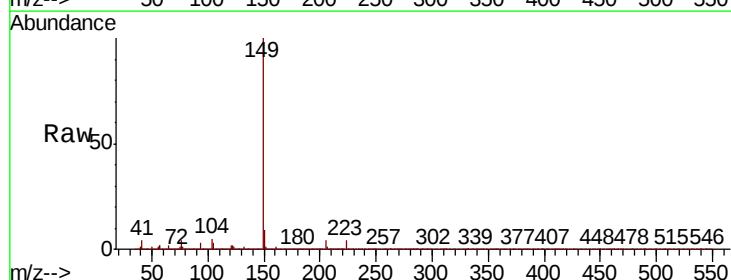
Manual Integrations
 APPROVED

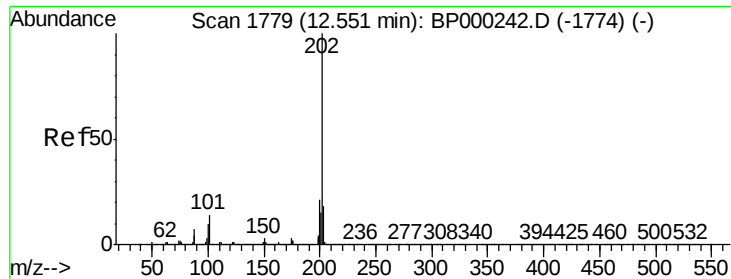
mohammad
 9/24/2019 2:38:37 PM



#74
 Di-n-butylphthalate
 Concen: 43.682 ng
 RT: 11.90 min Scan# 1668
 Delta R.T. -0.01 min
 Lab File: BP000367.D
 Acq: 23 Sep 2019 17:44

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.4	7.4	11.2
104	4.7	3.5	5.3





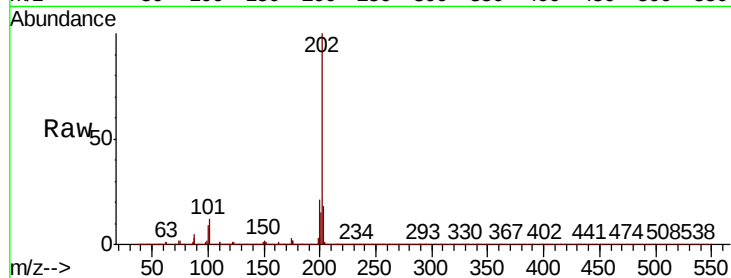
#75
Fluoranthene
Concen: 46.634 ng
RT: 12.55 min Scan# 1779
Delta R.T. 0.00 min
Lab File: BP000367.D
Acq: 23 Sep 2019 17:44

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
202	100	1902400		
101	11.6		0.0	33.9
203	17.9		0.0	38.0

Manual Integrations
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mohammad
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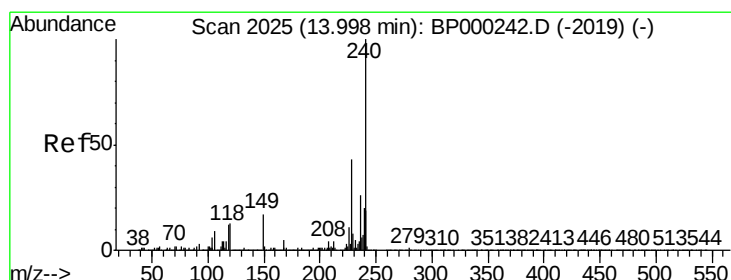
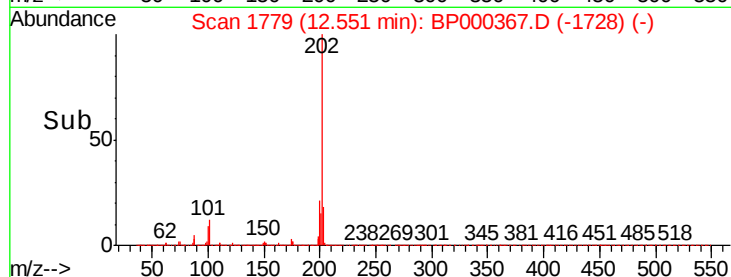
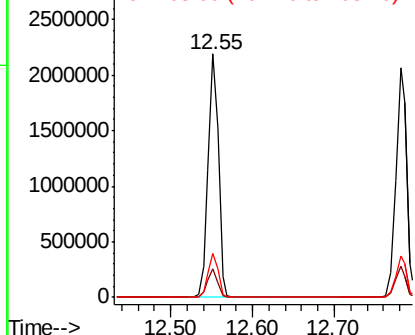


Abundance

Ion 202.00 (201.70 to 202.70): E

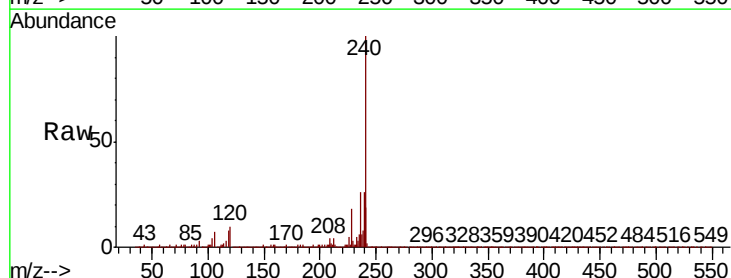
Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.00 min Scan# 2025
Delta R.T. 0.00 min
Lab File: BP000367.D
Acq: 23 Sep 2019 17:44

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	637219		
120	9.8		10.4	15.6#
236	26.2		21.0	31.6

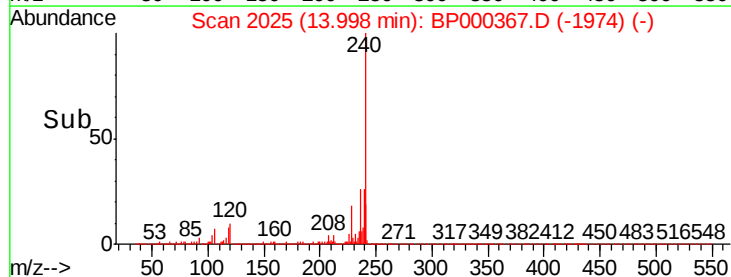
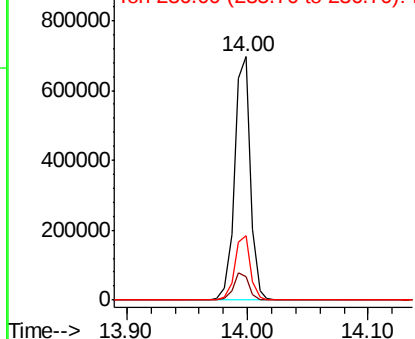


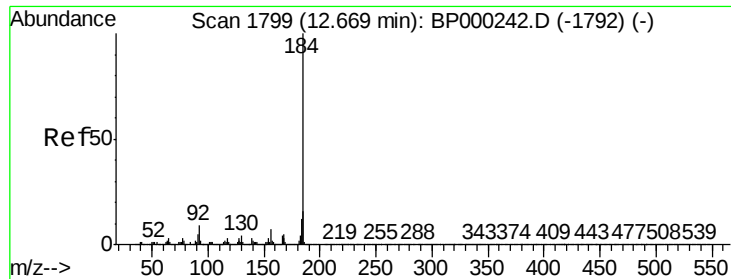
Abundance

Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 34.171 ng

RT: 12.67 min Scan# 1799

Delta R.T. 0.00 min

Lab File: BP000367.D

Acq: 23 Sep 2019 17:44

Instrument :

BNA_P

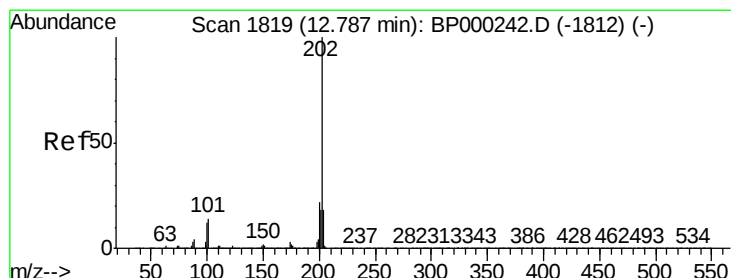
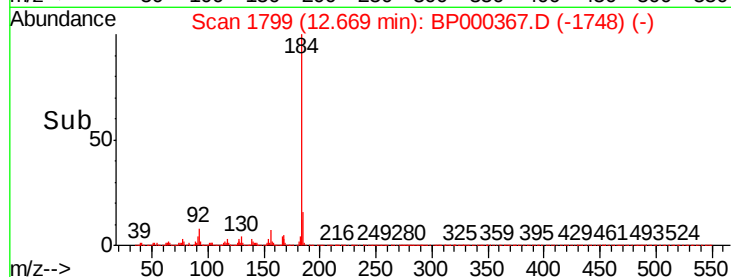
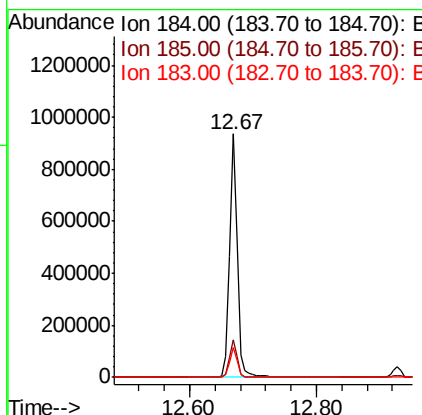
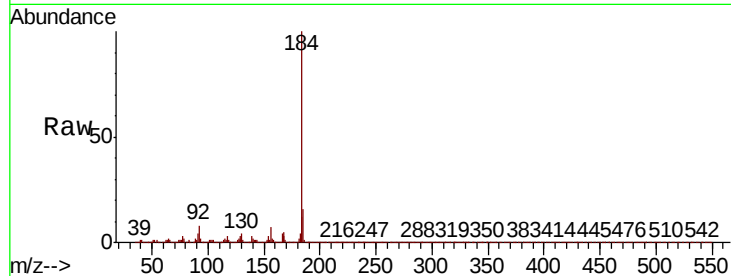
ClientSampleId :

SSTDCCC040

Tot Ion:	184	Resp:	777664
Ion Ratio	Lower	Upper	
184	100		
185	15.7	12.7	19.1
183	12.3	9.5	14.3

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#78

Pyrene

Concen: 40.298 ng

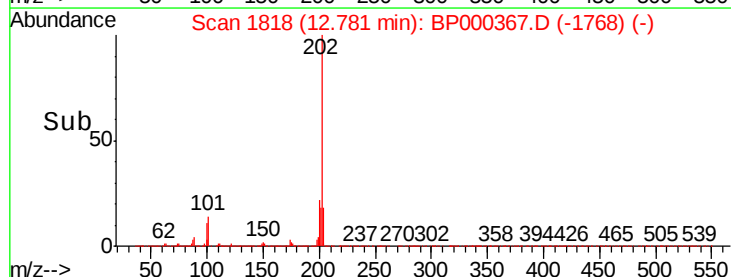
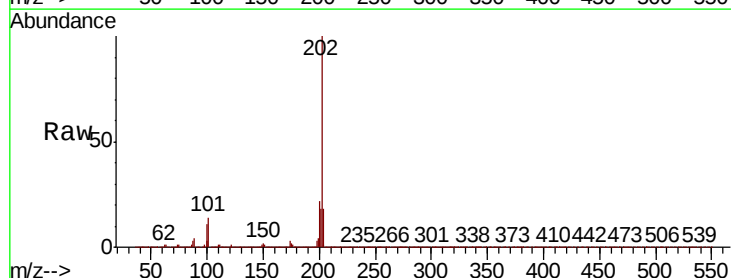
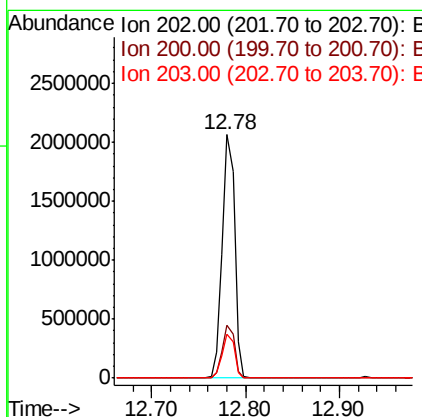
RT: 12.78 min Scan# 1818

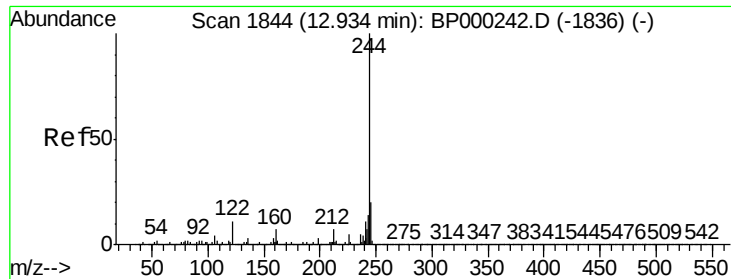
Delta R.T. -0.01 min

Lab File: BP000367.D

Acq: 23 Sep 2019 17:44

Tgt Ion:	202	Resp:	1921196
Ion Ratio	Lower	Upper	
202	100		
200	21.8	17.5	26.3
203	18.2	14.3	21.5





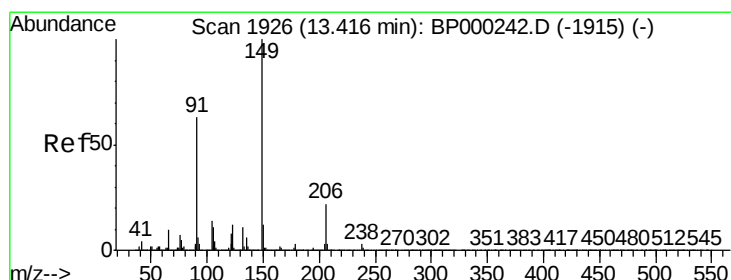
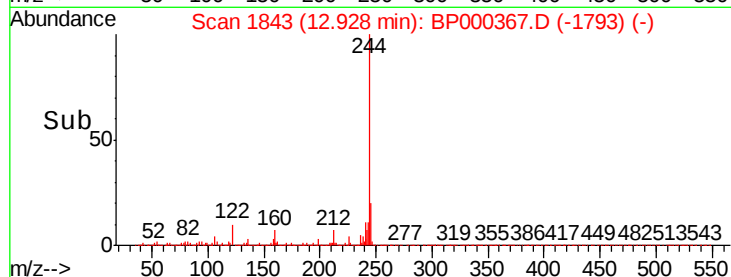
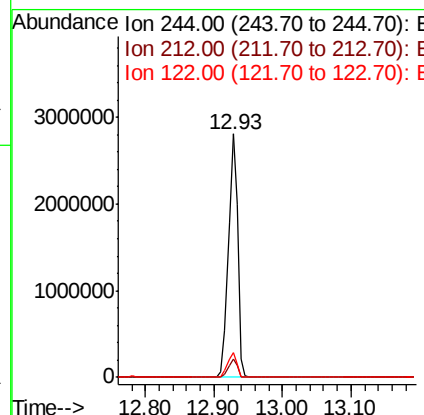
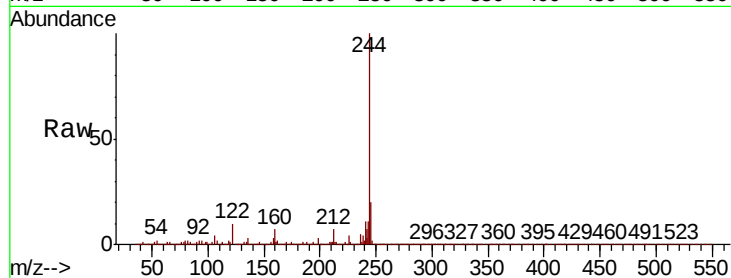
#79
 Terphenyl-d14
 Concen: 86.704 ng
 RT: 12.93 min Scan# 1843
 Delta R.T. -0.01 min
 Lab File: BP000367.D
 Acq: 23 Sep 2019 17:44

Instrument :
 BNA_P
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
244	100		
212	7.3	5.9	8.9
122	10.3	9.0	13.4

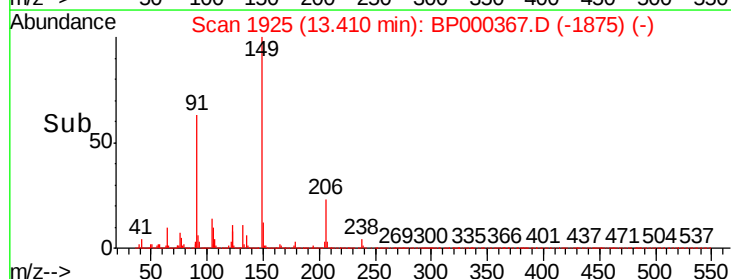
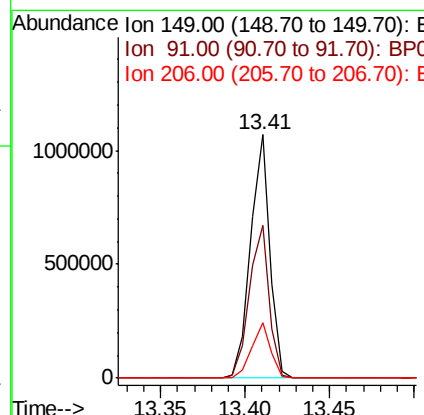
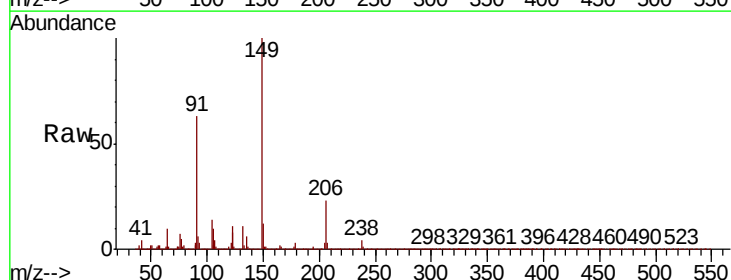
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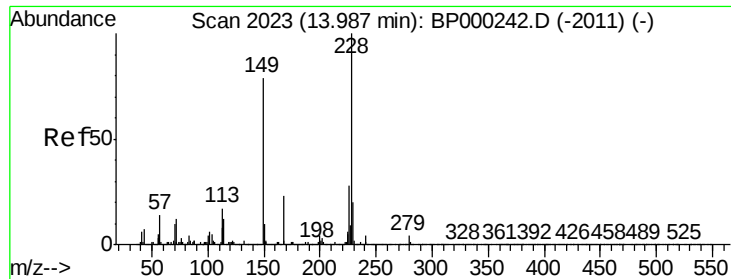
mohammad
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#80
 Butylbenzylphthalate
 Concen: 39.091 ng
 RT: 13.41 min Scan# 1925
 Delta R.T. -0.01 min
 Lab File: BP000367.D
 Acq: 23 Sep 2019 17:44

Tgt Ion	Ratio	Lower	Upper
149	100		
91	62.5	50.6	76.0
206	22.9	17.8	26.6





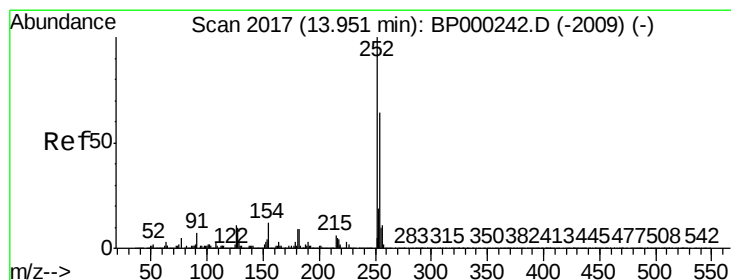
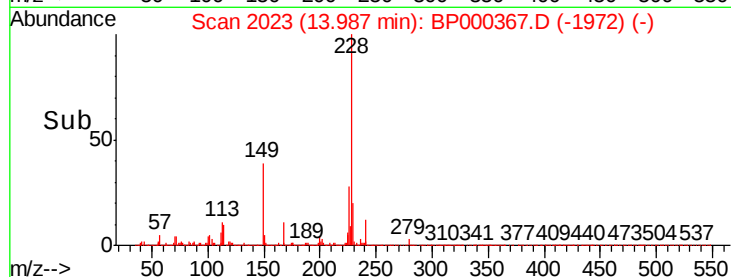
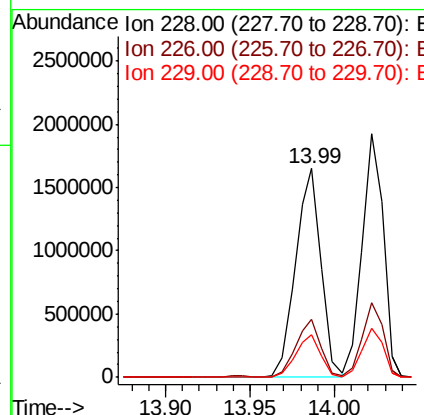
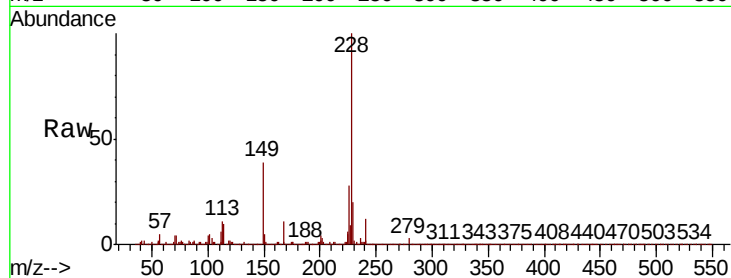
#81
Benzo(a)anthracene
Concen: 42.890 ng
RT: 13.99 min Scan# 2023
Delta R.T. 0.00 min
Lab File: BP000367.D
Acq: 23 Sep 2019 17:44

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
228	100		
226	28.0	22.2	33.4
229	20.2	16.0	24.0

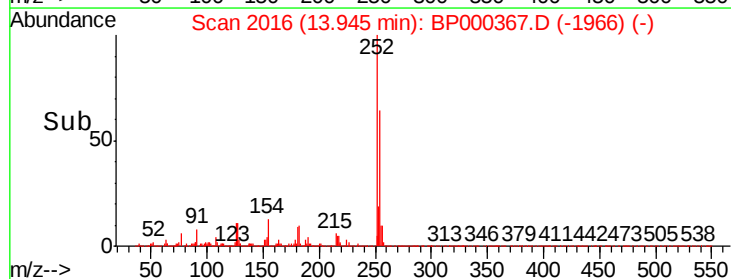
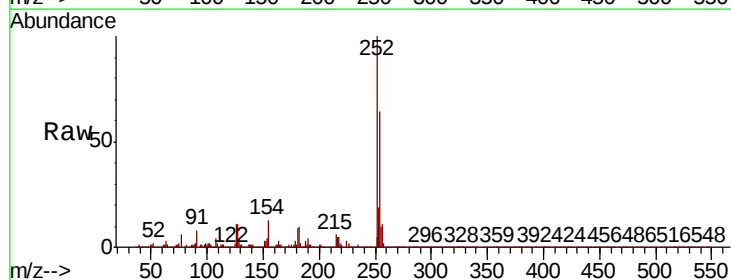
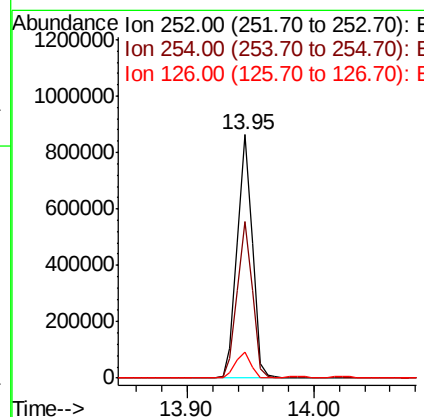
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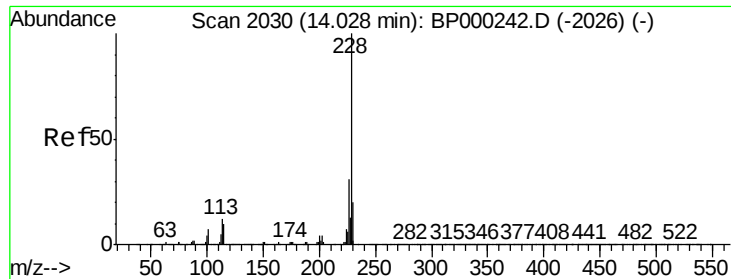
mohammad
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#82
3,3'-Dichlorobenzidine
Concen: 44.062 ng
RT: 13.95 min Scan# 2016
Delta R.T. -0.01 min
Lab File: BP000367.D
Acq: 23 Sep 2019 17:44

Tgt Ion	Ratio	Lower	Upper
252	100		
254	64.1	51.5	77.3
126	10.6	8.4	12.6





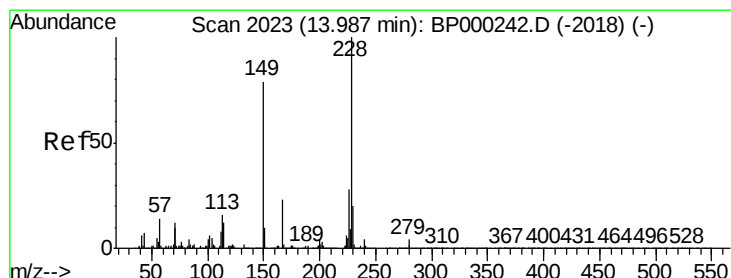
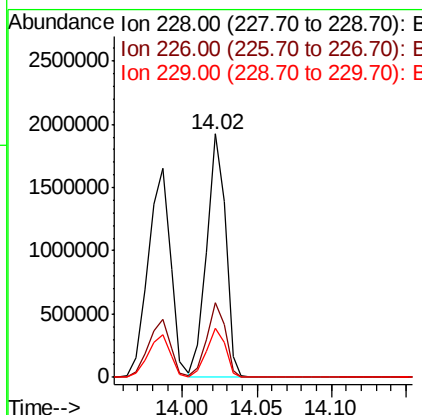
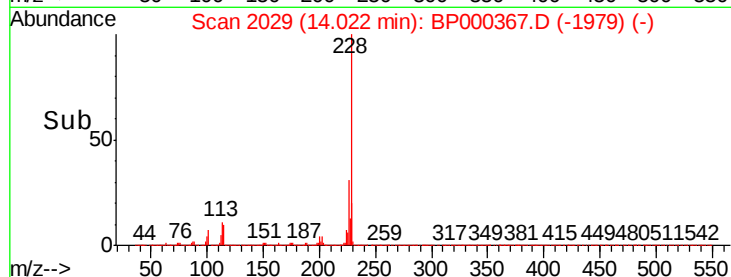
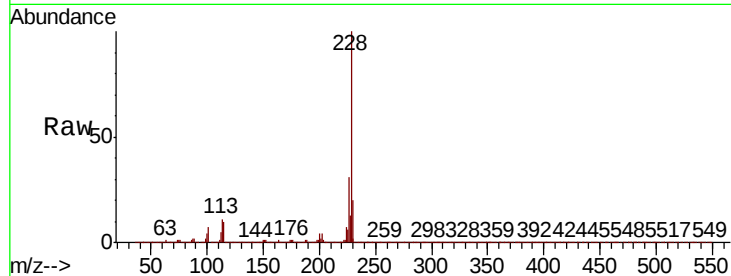
#83
Chrysene
Concen: 42.358 ng
RT: 14.02 min Scan# 2029
Delta R.T. -0.01 min
Lab File: BP000367.D
Acq: 23 Sep 2019 17:44

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tot Ion: 228 Resp: 1674029
Ion Ratio Lower Upper
228 100
226 30.5 24.9 37.3
229 20.3 16.2 24.2

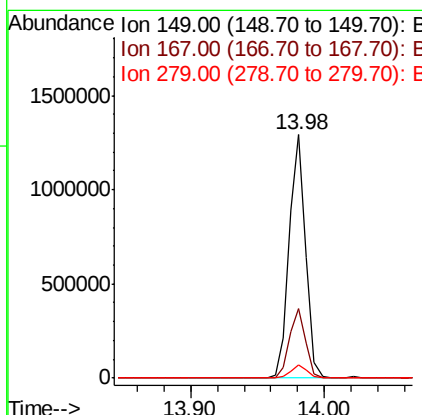
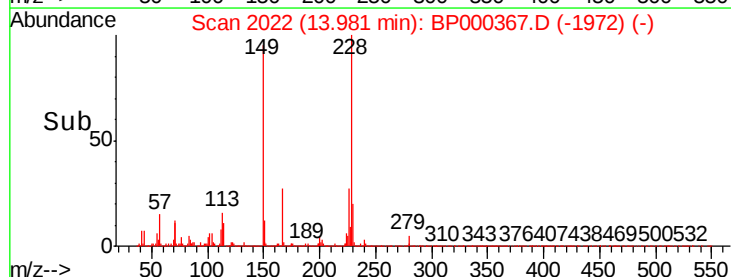
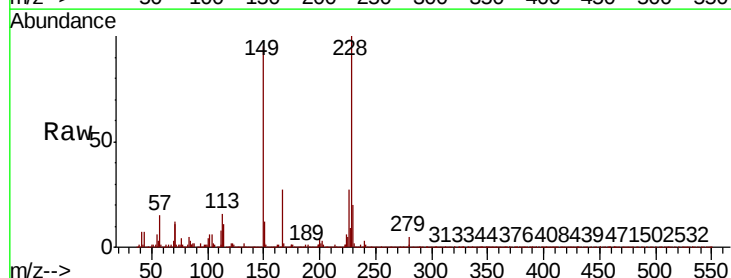
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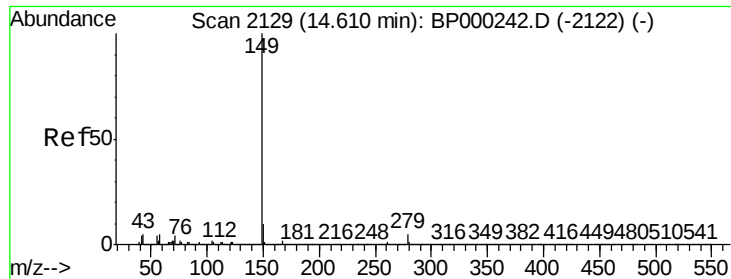
mohammad
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#84
Bis(2-ethylhexyl)phthalate
Concen: 42.413 ng
RT: 13.98 min Scan# 2022
Delta R.T. -0.01 min
Lab File: BP000367.D
Acq: 23 Sep 2019 17:44

Tgt Ion: 149 Resp: 1115335
Ion Ratio Lower Upper
149 100
167 28.6 23.0 34.4
279 5.4 3.7 5.5





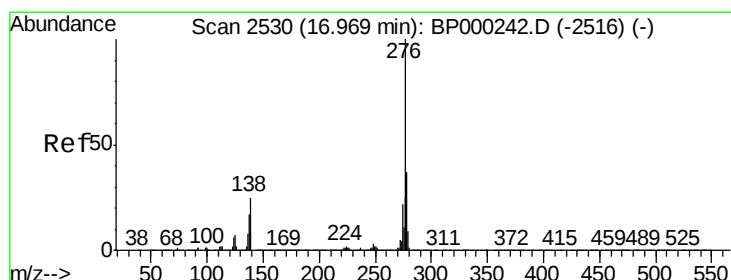
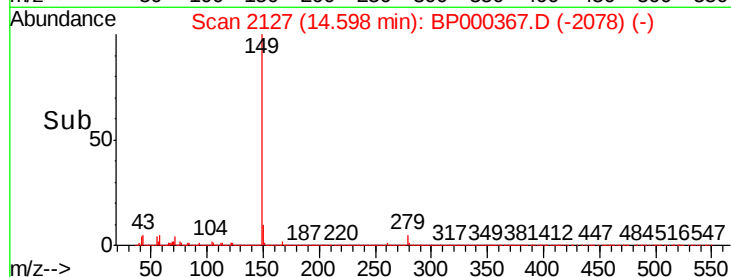
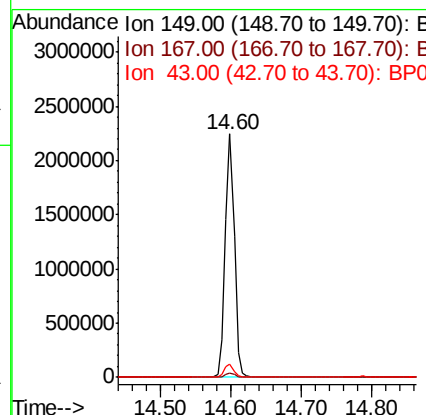
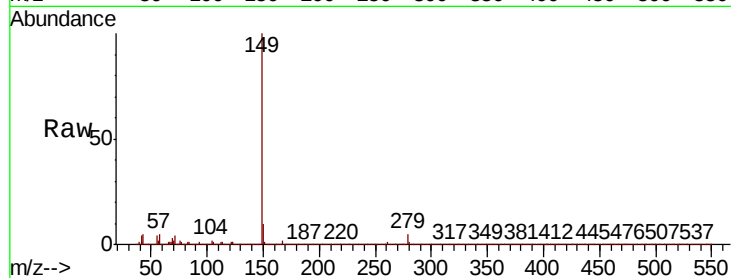
#85
Di-n-octyl phthalate
Concen: 41.273 ng
RT: 14.60 min Scan# 2127
Delta R.T. -0.01 min
Lab File: BP000367.D
Acq: 23 Sep 2019 17:44

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
149	100		
167	1.7	1.4	2.0
43	5.9	5.0	7.6

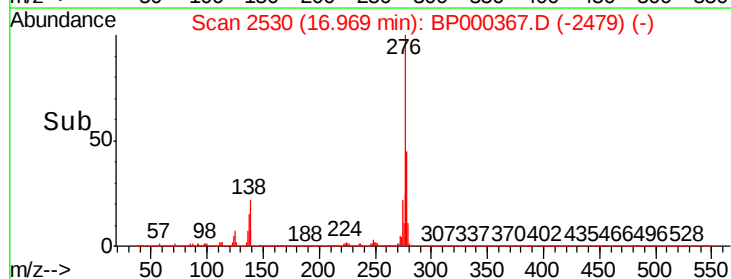
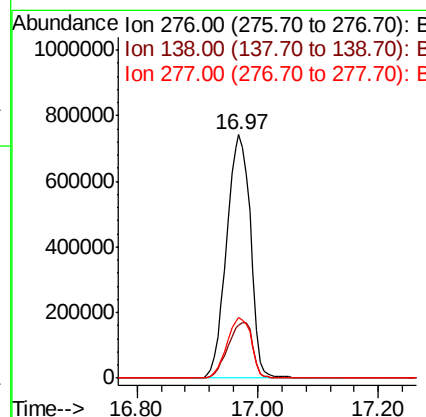
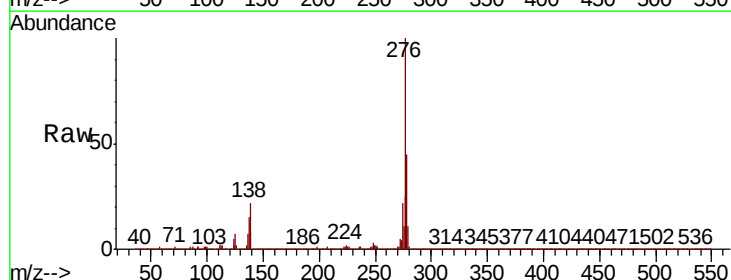
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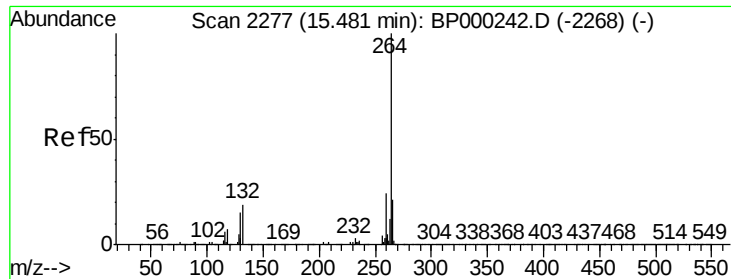
mohammad
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#86
Indeno(1,2,3-cd)pyrene
Concen: 42.342 ng
RT: 16.97 min Scan# 2530
Delta R.T. 0.00 min
Lab File: BP000367.D
Acq: 23 Sep 2019 17:44

Tgt Ion	Ratio	Lower	Upper
276	100		
138	23.8	22.6	33.8
277	25.6	20.4	30.6





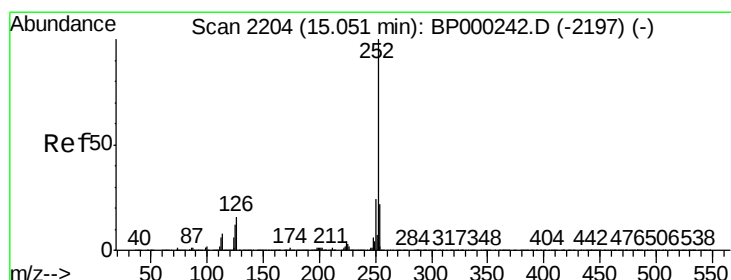
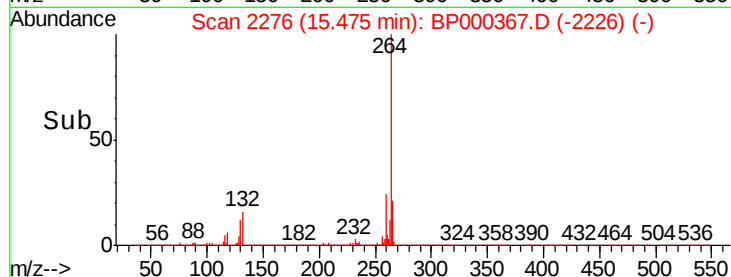
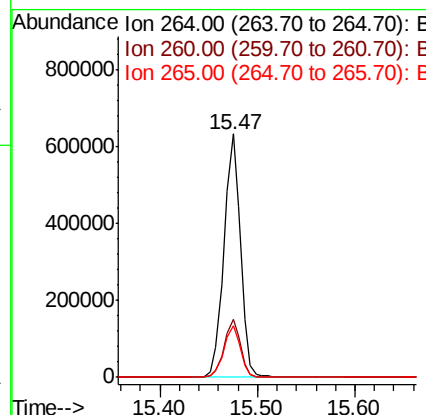
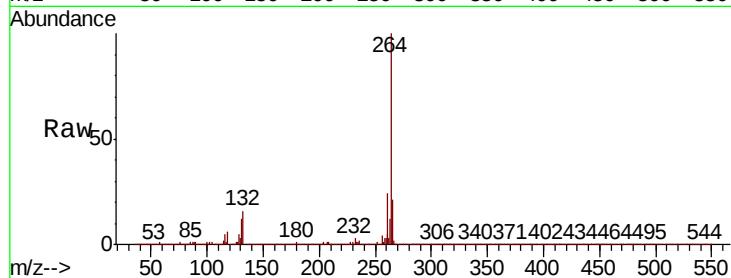
#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.47 min Scan# 2276
Delta R.T. -0.01 min
Lab File: BP000367.D
Acq: 23 Sep 2019 17:44

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.0	18.9	28.3
265	21.4	17.2	25.8

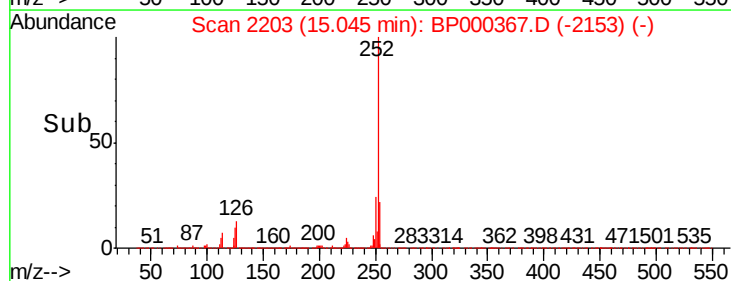
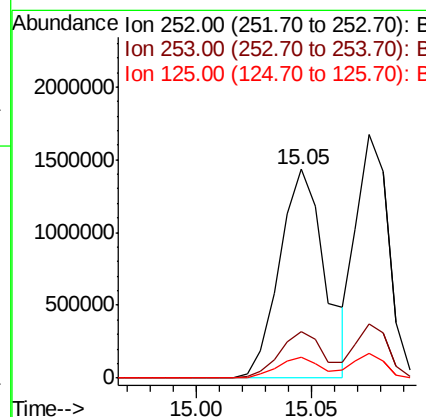
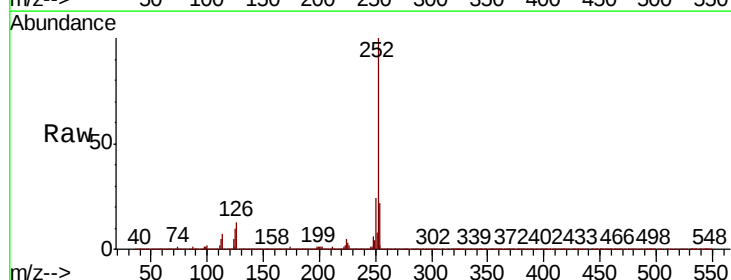
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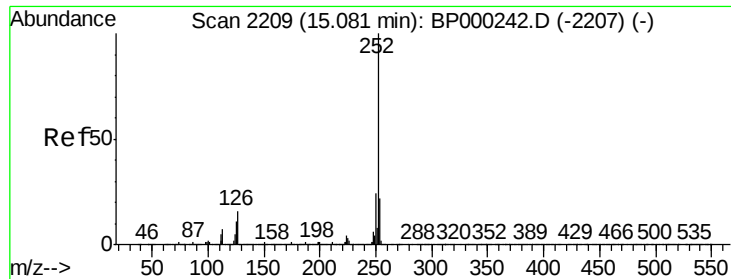
mohammad
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#88
Benzo(b)fluoranthene
Concen: 44.257 ng
RT: 15.05 min Scan# 2203
Delta R.T. -0.01 min
Lab File: BP000367.D
Acq: 23 Sep 2019 17:44

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.8	26.6
125	9.9	9.5	14.3





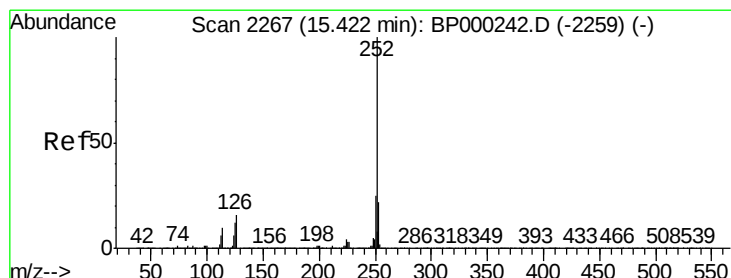
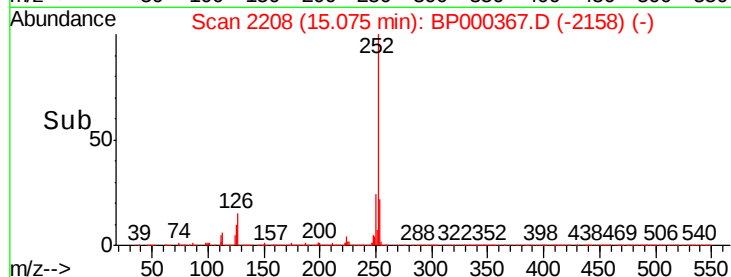
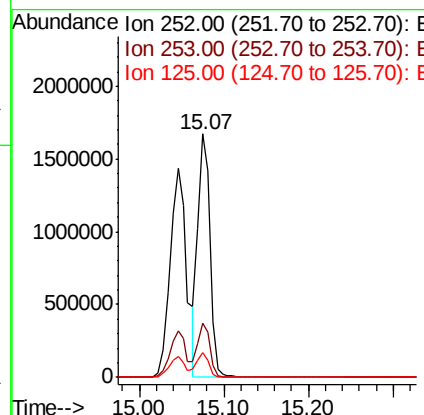
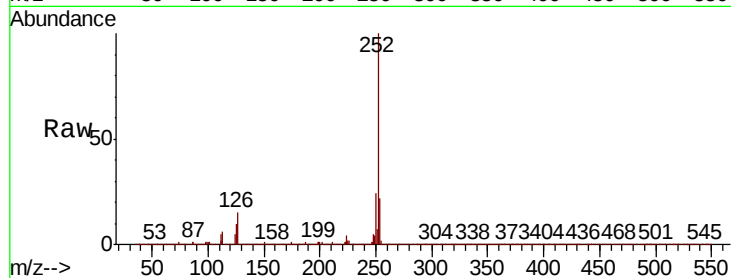
#89
Benzo(k)fluoranthene
Concen: 42.234 ng
RT: 15.07 min Scan# 2208
Delta R.T. -0.01 min
Lab File: BP000367.D
Acq: 23 Sep 2019 17:44

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.8	26.8
125	9.9	9.6	14.4

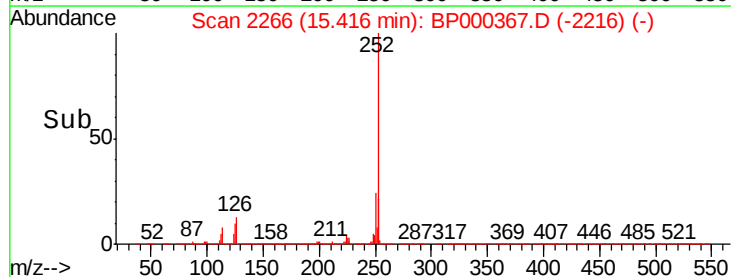
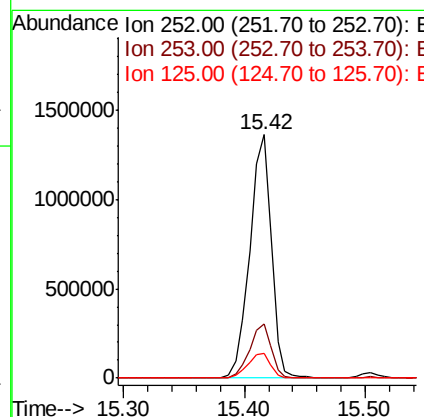
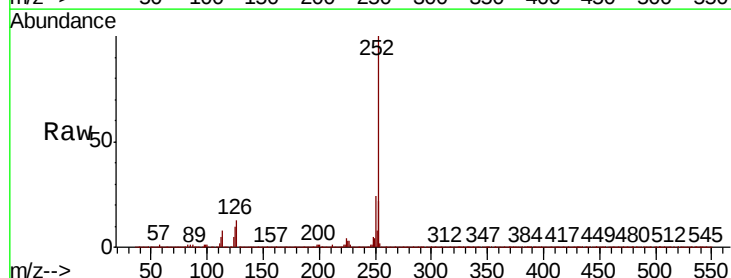
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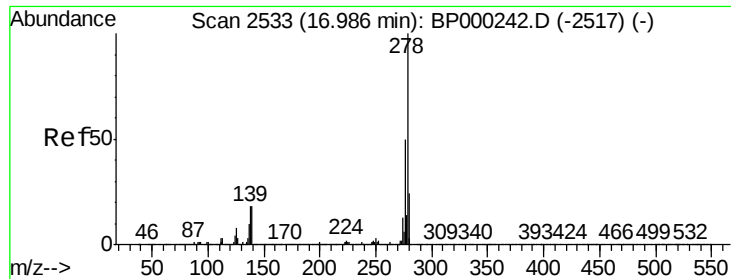
mohammad
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#90
Benzo(a)pyrene
Concen: 42.399 ng
RT: 15.42 min Scan# 2266
Delta R.T. -0.01 min
Lab File: BP000367.D
Acq: 23 Sep 2019 17:44

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.7	26.5
125	10.3	10.0	15.0





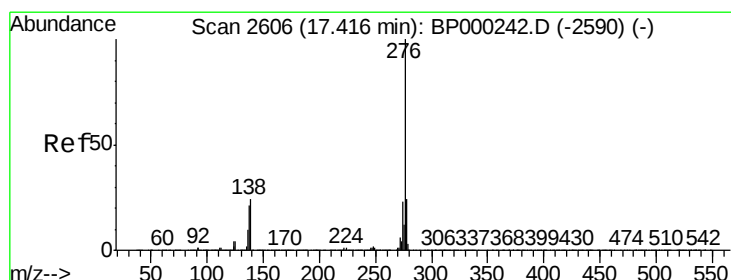
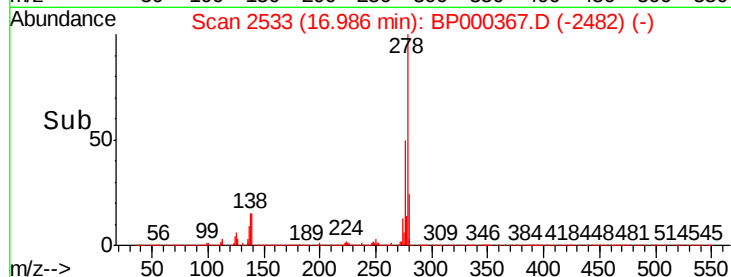
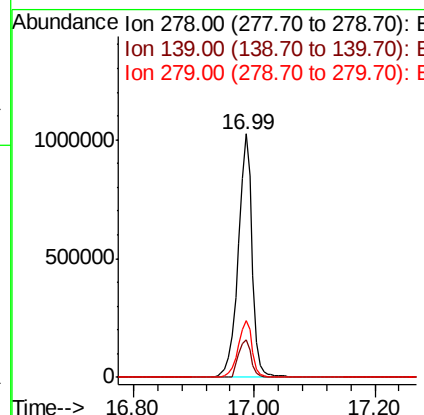
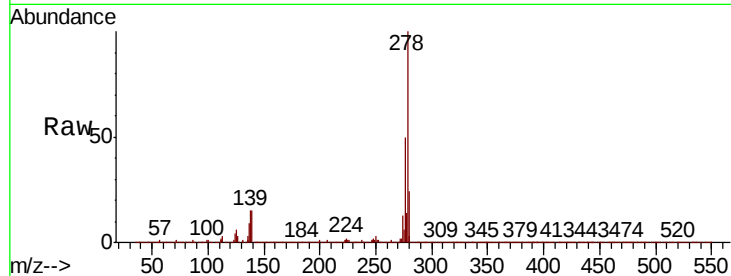
#91
Dibenzo(a,h)anthracene
Concen: 43.814 ng
RT: 16.99 min Scan# 2533
Delta R.T. 0.00 min
Lab File: BP000367.D
Acq: 23 Sep 2019 17:44

Instrument :
BNA_P
ClientSampled :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
278	100		
139	15.2	14.5	21.7
279	23.5	19.0	28.6

Manual Integrations
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9/24/2019 2:38:37 PM



#92
Benzo(g,h,i)perylene
Concen: 42.192 ng
RT: 17.42 min Scan# 2606
Delta R.T. 0.00 min
Lab File: BP000367.D
Acq: 23 Sep 2019 17:44

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.8	19.1	28.7
138	21.1	19.5	29.3

