

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP091819\
 Data File : BP000293.D
 Acq On : 18 Sep 2019 13:02
 Operator : HP/JU
 Sample : PB123079BS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB123079BS

Manual Integrations
 APPROVED

mohammad
 9/19/2019 4:43:31 PM

Quant Time: Sep 19 13:47:45 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 13:31:16 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	270685	20.00	ng	0.00
21) Naphthalene-d8	8.08	136	1030782	20.00	ng	0.00
39) Acenaphthene-d10	9.83	164	575994	20.00	ng	0.00
64) Phenanthrene-d10	11.33	188	1083464	20.00	ng	0.00
76) Chrysene-d12	14.00	240	865490	20.00	ng	0.00
87) Perylene-d12	15.48	264	922423	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.42	112	1594630	101.70	ng	0.02
7) Phenol-d6	6.43	99	1920262	99.91	ng	0.00
23) Nitrobenzene-d5	7.35	82	1047674	65.58	ng	0.00
42) 2,4,6-Tribromophenol	10.63	330	679791	118.99	ng	0.00
45) 2-Fluorobiphenyl	9.15	172	2393165	74.78	ng	0.00
79) Terphenyl-d14	12.93	244	2855393	69.21	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.59	88	255106	36.054	ng	98
3) Pyridine	3.34	79	606418	31.836	ng	98
4) n-Nitrosodimethylamine	3.28	42	190276	35.426	ng	98
6) Aniline	6.45	93	758739	28.632	ng	94
8) 2-Chlorophenol	6.58	128	691018	40.927	ng	99
9) Benzaldehyde	6.34	77	377362	35.699	ng	97
10) Phenol	6.45	94	828304	37.932	ng	84
11) bis(2-Chloroethyl)ether	6.53	93	627494	37.524	ng	97
12) 1,3-Dichlorobenzene	6.73	146	782181	38.605	ng	99
13) 1,4-Dichlorobenzene	6.81	146	802307	39.799	ng	98
14) 1,2-Dichlorobenzene	6.96	146	744442	40.313	ng	99
15) Benzyl Alcohol	6.93	79	553674	39.586	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.07	45	557561	35.169	ng	99
17) 2-Methylphenol	7.05	107	565385	39.097	ng	99
18) Hexachloroethane	7.30	117	281022	37.670	ng	97
19) n-Nitroso-di-n-propylamine	7.20	70	377294	37.128	ng	99
20) 3+4-Methylphenols	7.20	107	687242	39.300	ng	92
22) Acetophenone	7.20	105	925595	41.436	ng	98
24) Nitrobenzene	7.37	77	649208	39.123	ng	98
25) Isophorone	7.61	82	1205689	38.112	ng	100
26) 2-Nitrophenol	7.69	139	363561	41.327	ng	96
27) 2,4-Dimethylphenol	7.73	122	615311	43.910	ng	99
28) bis(2-Chloroethoxy)methane	7.82	93	796272	37.844	ng	100
29) 2,4-Dichlorophenol	7.93	162	629516	41.916	ng	98
30) 1,2,4-Trichlorobenzene	8.02	180	695840	40.422	ng	98
31) Naphthalene	8.10	128	1981110	41.499	ng	99
32) Benzoic acid	7.83	122	353133	37.323	ng	98
33) 4-Chloroaniline	8.14	127	536601	24.837	ng	100
34) Hexachlorobutadiene	8.22	225	416761	40.860	ng	100
35) Caprolactam	8.50	113	200554m	39.255	ng	
36) 4-Chloro-3-methylphenol	8.63	107	621124	40.740	ng	99
37) 2-Methylnaphthalene	8.79	142	1370805	42.005	ng	99
38) 1-Methylnaphthalene	8.89	142	1270748	41.568	ng	100
40) 1,2,4,5-Tetrachlorobenzene	8.96	216	705814	42.858	ng	100

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP091819\
 Data File : BP000293.D
 Acq On : 18 Sep 2019 13:02
 Operator : HP/JU
 Sample : PB123079BS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB123079BS

Manual Integrations
 APPROVED

mohammad
 9/19/2019 4:43:31 PM

Quant Time: Sep 19 13:47:45 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 13:31:16 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.95	237	776816	82.143	nq	100
43) 2,4,6-Trichlorophenol	9.07	196	473395	41.542	nq	99
44) 2,4,5-Trichlorophenol	9.11	196	508771	43.601	nq	99
46) 1,1'-Biphenyl	9.26	154	1700938	42.688	nq	98
47) 2-Chloronaphthalene	9.28	162	1320931	39.519	nq	98
48) 2-Nitroaniline	9.37	65	311629	36.713	nq	96
49) Acenaphthylene	9.70	152	2085965	41.516	nq	100
50) Dimethylphthalate	9.56	163	1581046	40.288	nq	99
51) 2,6-Dinitrotoluene	9.62	165	361952	41.947	nq	88
52) Acenaphthene	9.87	154	1236607	39.001	nq	100
53) 3-Nitroaniline	9.78	138	283654	28.321	nq	98
54) 2,4-Dinitrophenol	9.90	184	303756	79.681	nq	# 89
55) Dibenzofuran	10.05	168	1876677	41.869	nq	97
56) 4-Nitrophenol	9.95	139	577404	77.511	nq	94
57) 2,4-Dinitrotoluene	10.02	165	469581	41.628	nq	90
58) Fluorene	10.39	166	1431201	41.340	nq	99
59) 2,3,4,6-Tetrachlorophenol	10.16	232	429490	44.731	nq	97
60) Diethylphthalate	10.26	149	1525622	40.413	nq	100
61) 4-Chlorophenyl-phenylether	10.38	204	760959	42.820	nq	93
62) 4-Nitroaniline	10.40	138	380662	38.641	nq	96
63) Azobenzene	10.54	77	1246698	38.980	nq	98
65) 4,6-Dinitro-2-methylphenol	10.44	198	219168	43.020	nq	92
66) n-Nitrosodiphenylamine	10.50	169	1312827	40.251	nq	99
67) 4-Bromophenyl-phenylether	10.87	248	493218	40.256	nq	# 92
68) Hexachlorobenzene	10.95	284	534848	39.931	nq	99
69) Atrazine	11.03	200	426809	51.720	nq	99
70) Pentachlorophenol	11.14	266	599513	82.181	nq	99
71) Phenanthrene	11.36	178	2235752	41.178	nq	100
72) Anthracene	11.41	178	2247345	40.212	nq	100
73) Carbazole	11.56	167	2049613	40.723	nq	99
74) Di-n-butylphthalate	11.90	149	2433022	38.191	nq	99
75) Fluoranthene	12.55	202	2473773	42.431	nq	99
77) Benzidine	12.67	184	1117534	36.154	nq	99
78) Pyrene	12.79	202	2492881	38.498	nq	100
80) Butylbenzylphthalate	13.41	149	1084730	36.457	nq	98
81) Benzo(a)anthracene	13.99	228	2132490	39.006	nq	100
82) 3,3'-Dichlorobenzidine	13.95	252	693306	31.555	nq	100
83) Chrysene	14.02	228	2105373	39.222	nq	100
84) Bis(2-ethylhexyl)phthalate	13.98	149	1407873	39.417	nq	99
85) Di-n-octyl phthalate	14.60	149	2527428	38.180	nq	98
86) Indeno(1,2,3-cd)pyrene	16.97	276	2501525	38.232	nq	96
88) Benzo(b)fluoranthene	15.05	252	2369078	43.052	nq	# 96
89) Benzo(k)fluoranthene	15.08	252	2092120	43.585	nq	# 97
90) Benzo(a)pyrene	15.42	252	2184121	43.620	nq	# 97
91) Dibenzo(a,h)anthracene	16.99	278	2052681	43.970	nq	97
92) Benzo(g,h,i)perylene	17.42	276	2079054	43.327	nq	96

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

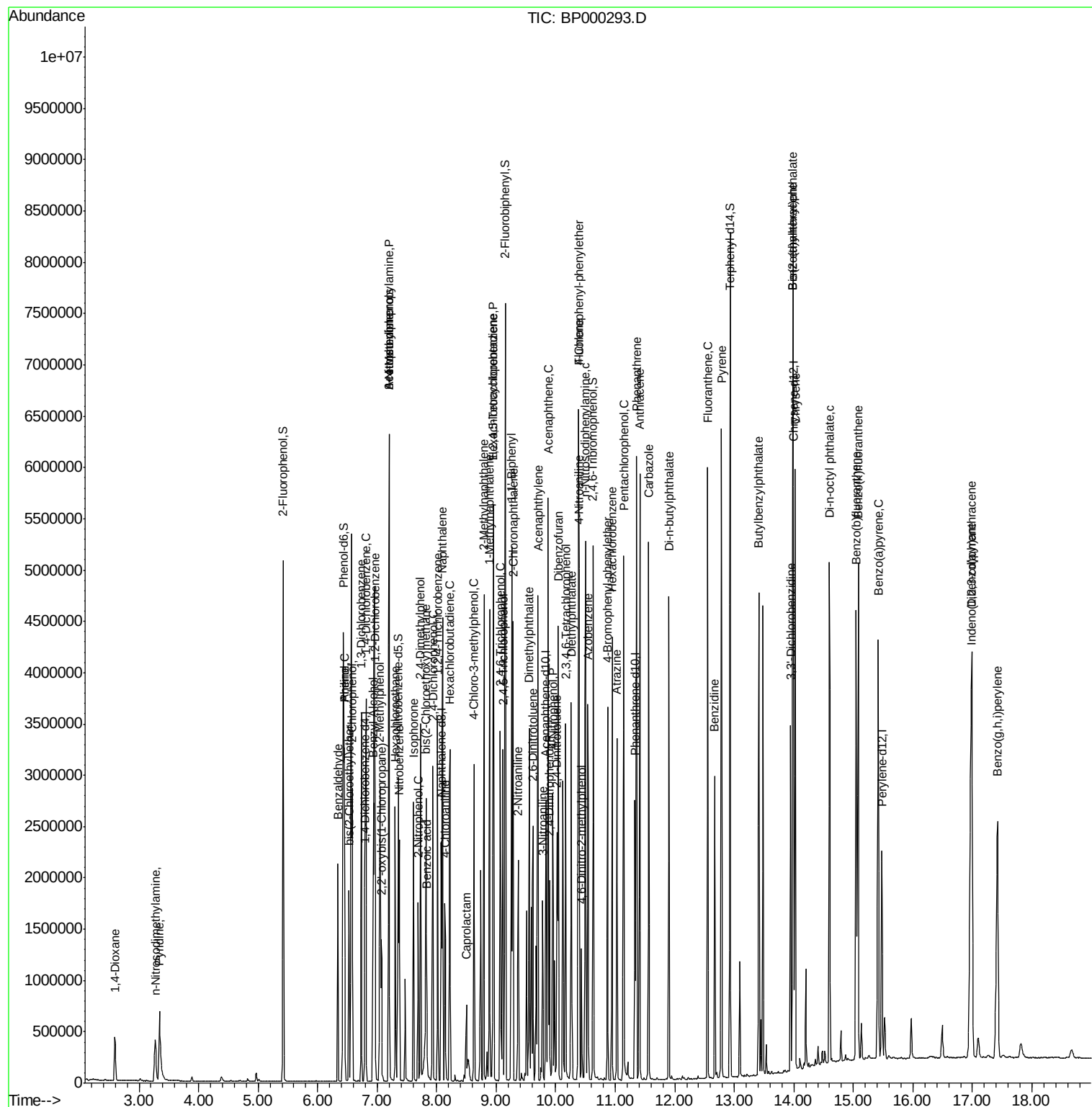
Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP091819\
 Data File : BP000293.D
 Acq On : 18 Sep 2019 13:02
 Operator : HP/JU
 Sample : PB123079BS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

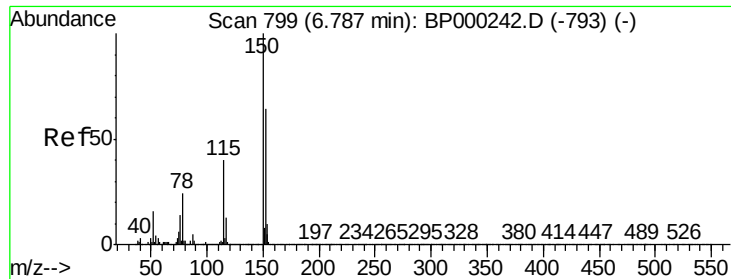
Instrument :
 BNA_P
 Client Sample ID :
 PB123079BS

Manual Integrations
 APPROVED

mohammad
 9/19/2019 4:43:31 PM

Quant Time: Sep 19 13:47:45 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 13:31:16 2019
 Response via : Initial Calibration





#1

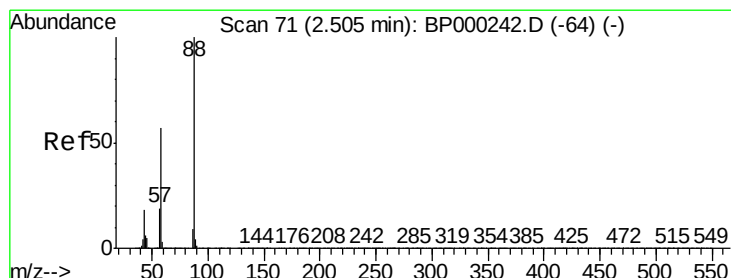
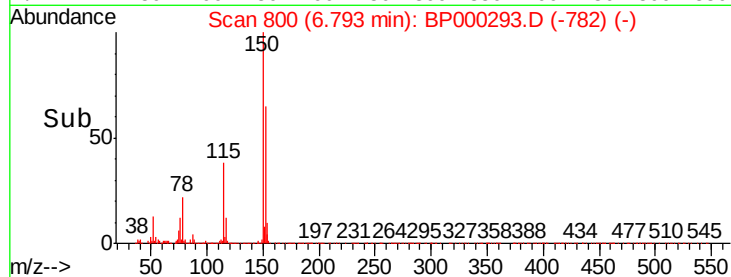
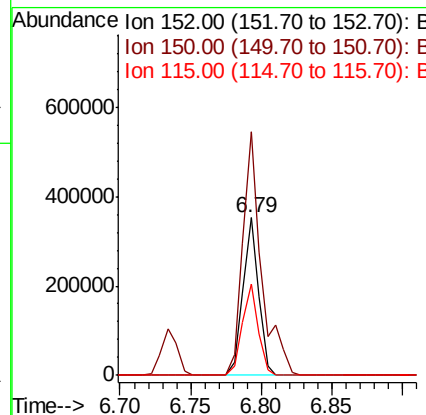
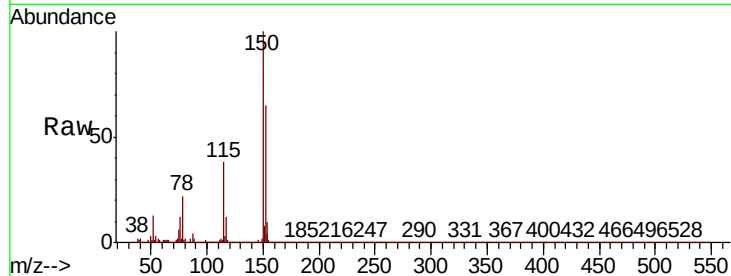
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.79 min Scan# 800
Delta R.T. 0.01 min
Lab File: BP000293.D
Acq: 18 Sep 2019 13:02

Instrument :
BNA_P
ClientSampleId :
PB123079BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.7	125.2	187.8
115	58.3	49.7	74.5

Manual Integrations
APPROVED

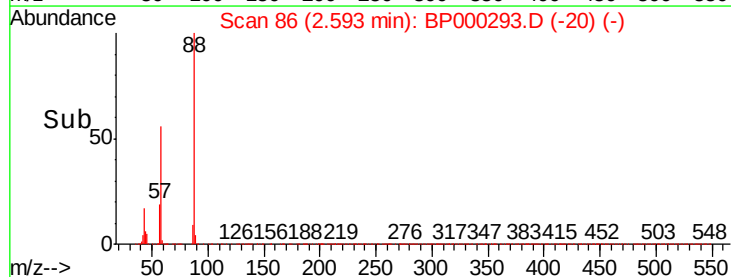
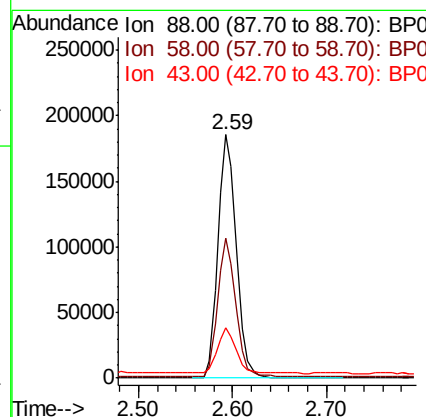
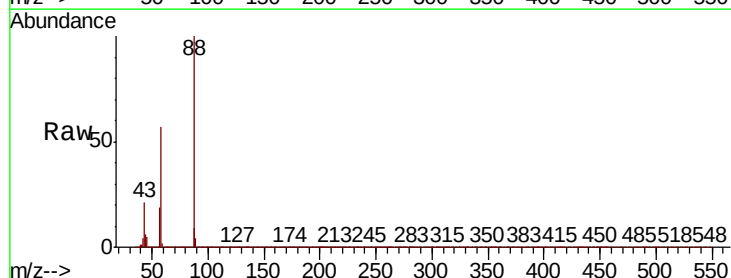
mohammad
9/19/2019 4:43:31 PM

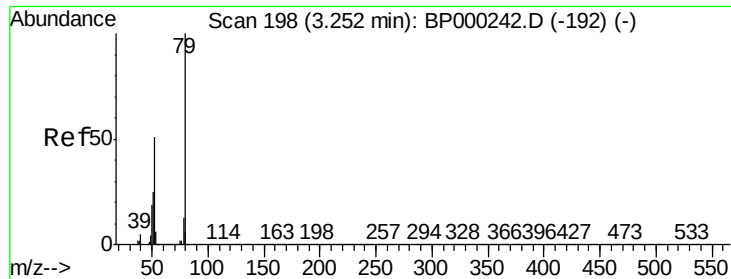


#2

1,4-Dioxane
Concen: 36.054 ng
RT: 2.59 min Scan# 86
Delta R.T. 0.09 min
Lab File: BP000293.D
Acq: 18 Sep 2019 13:02

Tgt Ion	Ratio	Lower	Upper
88	100		
58	55.1	45.4	68.2
43	18.0	15.0	22.6





#3

Pvridine

Concen: 31.836 ng

RT: 3.34 min Scan# 213

Delta R.T. 0.09 min

Lab File: BP000293.D

Acq: 18 Sep 2019 13:02

Instrument :

BNA_P

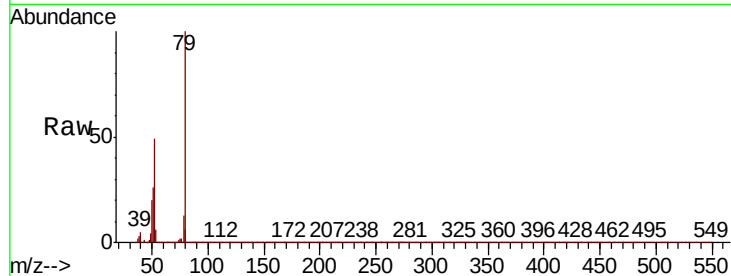
ClientSampleId :

PB123079BS

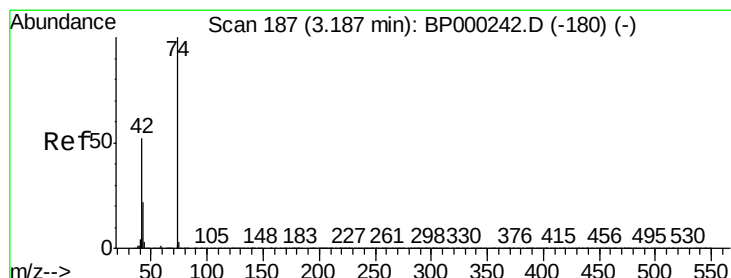
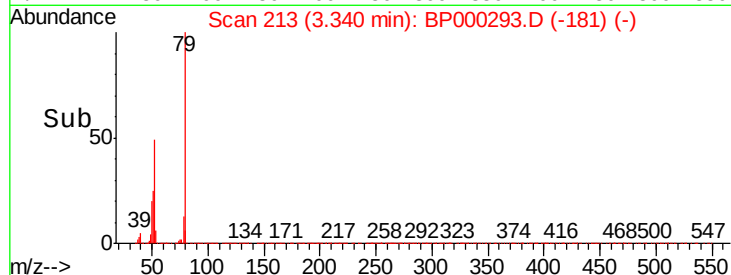
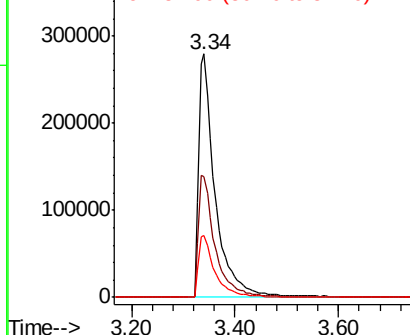
Tot Ion:	79	Resp:	606418
Ion Ratio	Lower	Upper	
79	100		
52	49.4	40.9	61.3
51	25.5	20.2	30.2

Manual Integrations
APPROVED

mohammad
9/19/2019 4:43:31 PM



Abundance Ion 79.00 (78.70 to 79.70): BP0
Ion 52.00 (51.70 to 52.70): BP0
Ion 51.00 (50.70 to 51.70): BP0



#4

n-Nitrosodimethylamine

Concen: 35.426 ng

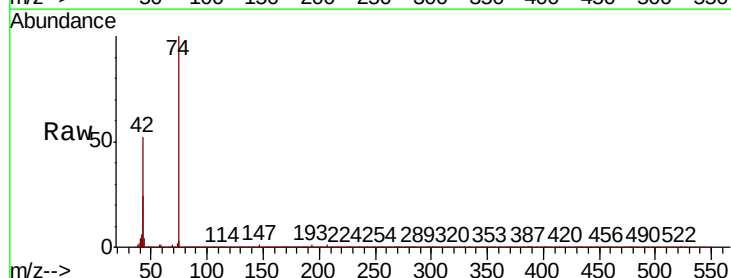
RT: 3.28 min Scan# 202

Delta R.T. 0.09 min

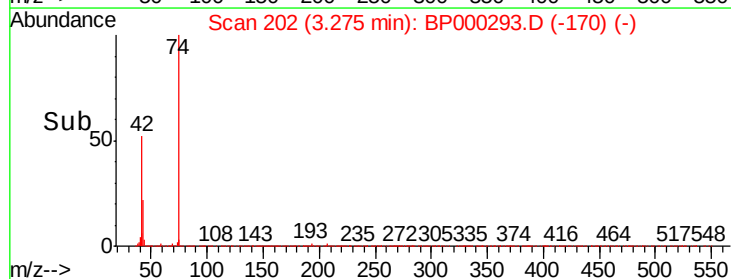
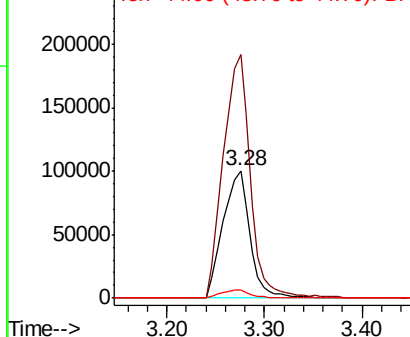
Lab File: BP000293.D

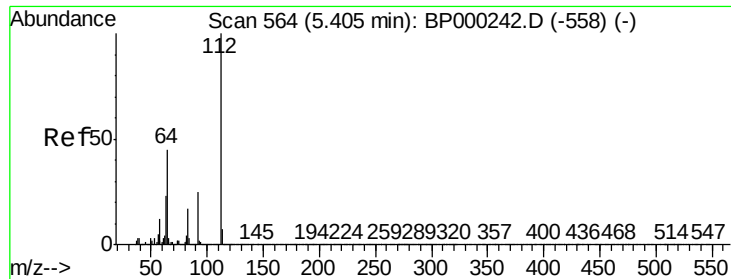
Acq: 18 Sep 2019 13:02

Tgt Ion:	42	Resp:	190276
Ion Ratio	Lower	Upper	
42	100		
74	190.9	154.5	231.7
44	6.8	5.9	8.9



Abundance Ion 42.00 (41.70 to 42.70): BP0
Ion 74.00 (73.70 to 74.70): BP0
Ion 44.00 (43.70 to 44.70): BP0





#5

2-Fluorophenol

Concen: 101.701 ng

RT: 5.42 min Scan# 567

Delta R.T. 0.02 min

Lab File: BP000293.D

Acq: 18 Sep 2019 13:02

Instrument :

BNA_P

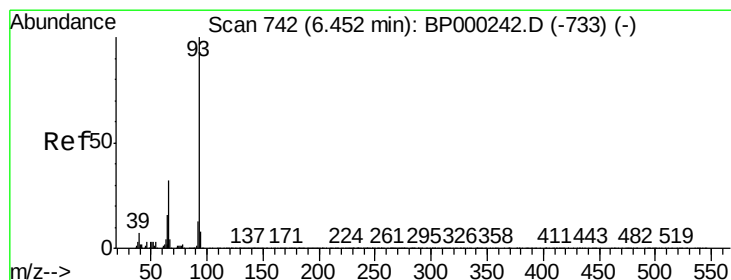
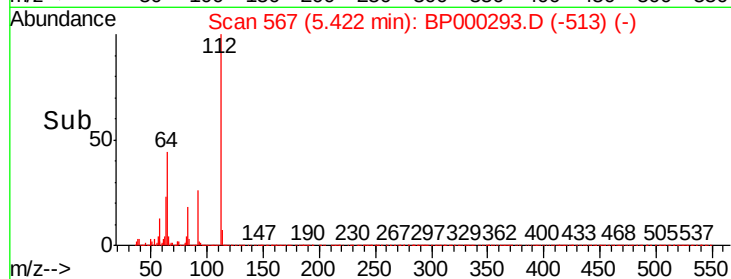
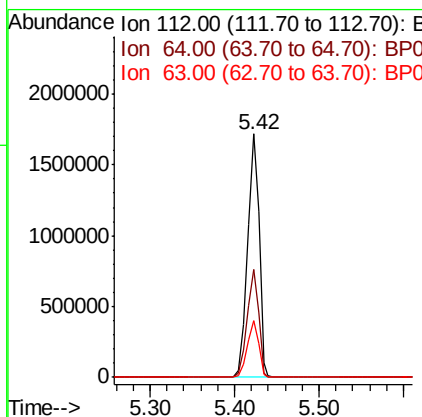
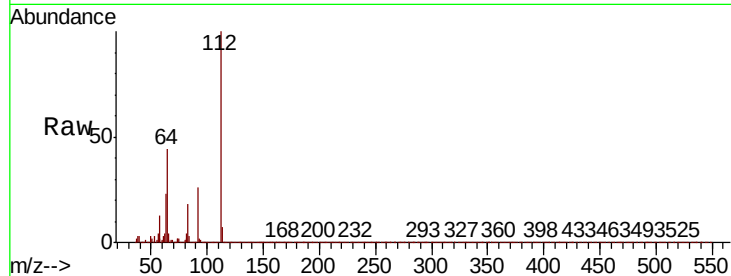
ClientSampleId :

PB123079BS

Tot Ion:	112	Resp:	1594630
Ion	Ratio	Lower	Upper
112	100		
64	44.5	36.2	54.4
63	23.4	18.3	27.5

Manual Integrations
APPROVED

mohammad
9/19/2019 4:43:31 PM



#6

Aniline

Concen: 28.632 ng

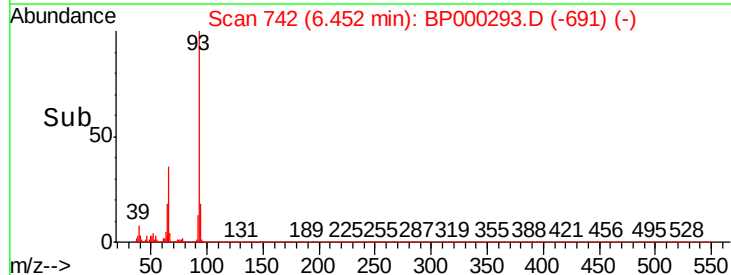
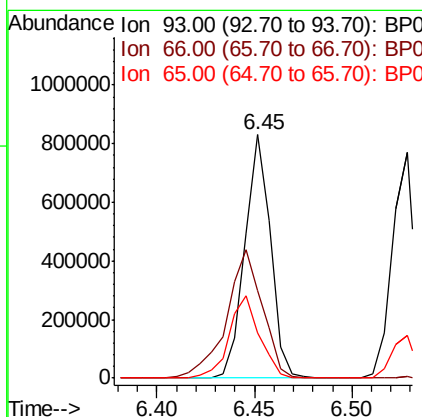
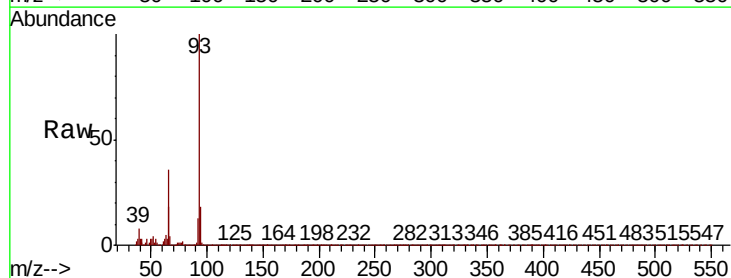
RT: 6.45 min Scan# 742

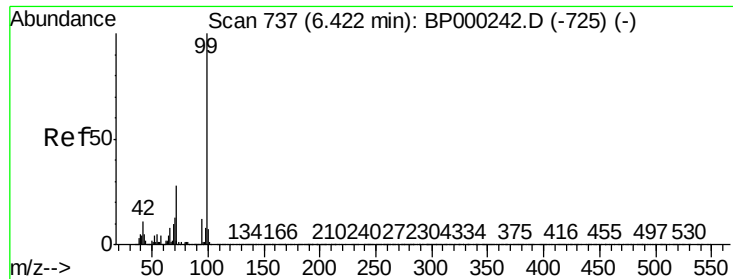
Delta R.T. -0.00 min

Lab File: BP000293.D

Acq: 18 Sep 2019 13:02

Tgt Ion:	93	Resp:	758739
Ion	Ratio	Lower	Upper
93	100		
66	36.0	26.2	39.2
65	18.3	12.7	19.1





#7

Phenol-d6

Concen: 99.910 ng

RT: 6.43 min Scan# 738

Delta R.T. 0.01 min

Lab File: BP000293.D

Acq: 18 Sep 2019 13:02

Instrument :

BNA_P

ClientSampleId :

PB123079BS

Tot Ion: 99 Resp: 1920262

Ion Ratio Lower Upper

99 100

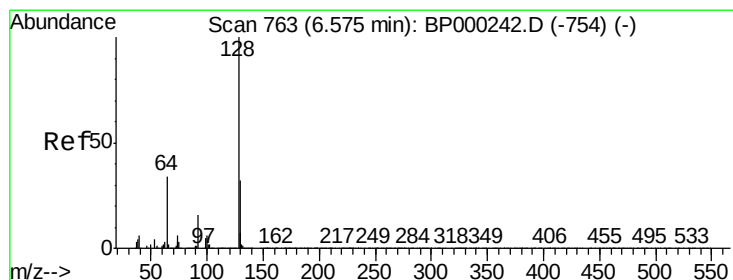
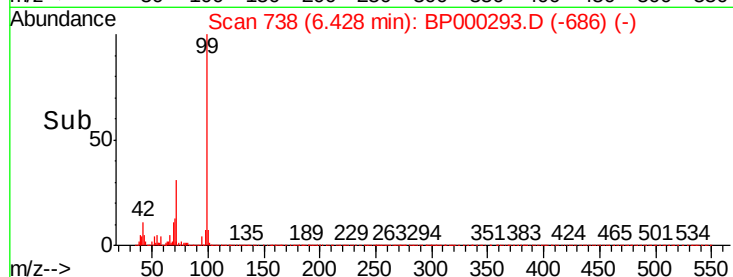
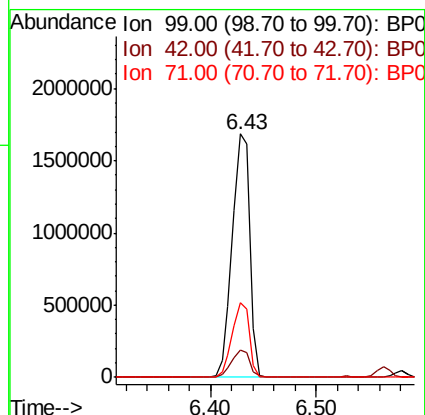
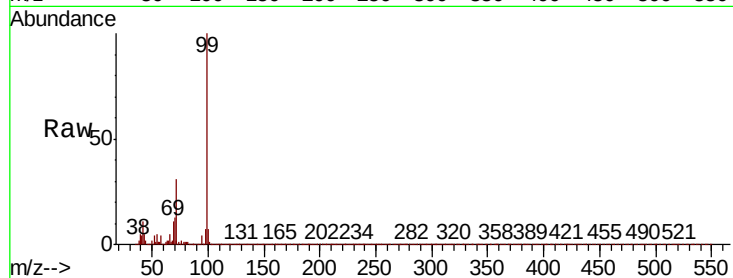
42 11.2 8.5 12.7

71 30.6 22.6 34.0

Manual Integrations
APPROVED

mohammad

9/19/2019 4:43:31 PM



#8

2-Chlorophenol

Concen: 40.927 ng

RT: 6.58 min Scan# 764

Delta R.T. 0.01 min

Lab File: BP000293.D

Acq: 18 Sep 2019 13:02

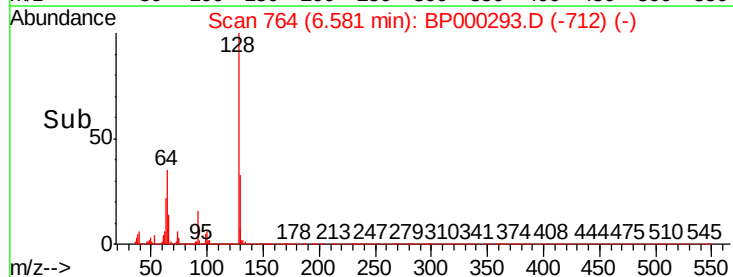
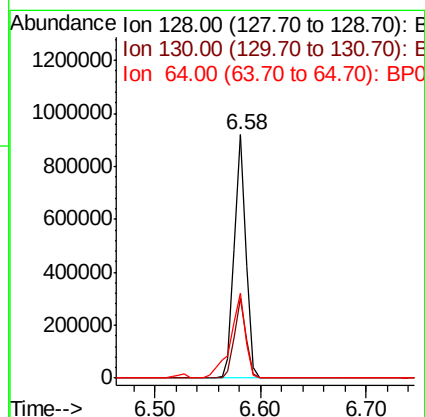
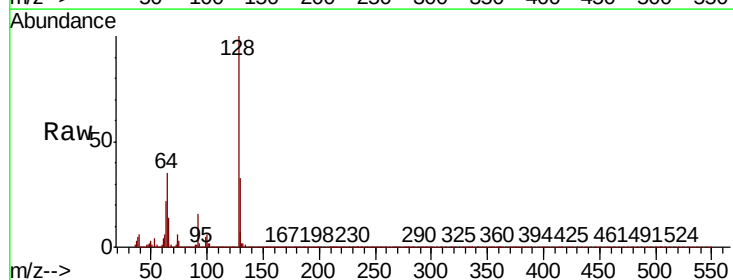
Tgt Ion: 128 Resp: 691018

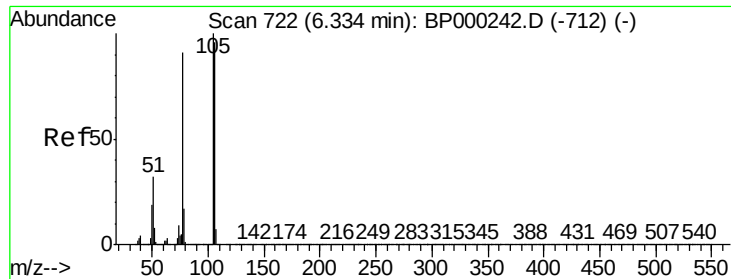
Ion Ratio Lower Upper

128 100

130 32.6 12.5 52.5

64 35.1 16.0 56.0





#9

Benzaldehyde

Concen: 35.699 ng

RT: 6.34 min Scan# 723

Delta R.T. 0.01 min

Lab File: BP000293.D

Acq: 18 Sep 2019 13:02

Instrument :

BNA_P

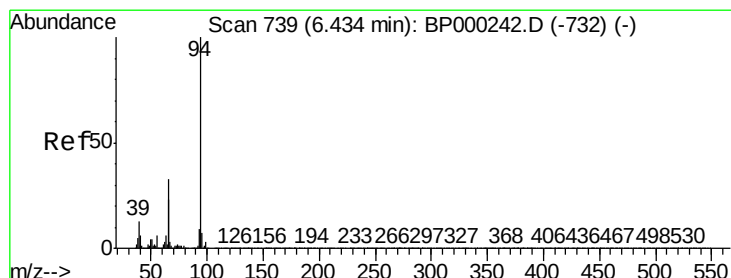
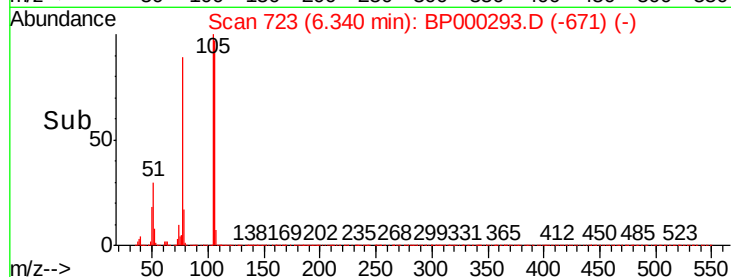
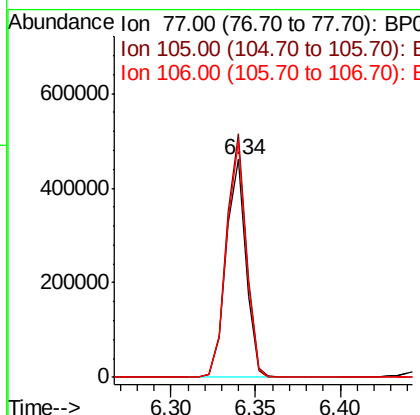
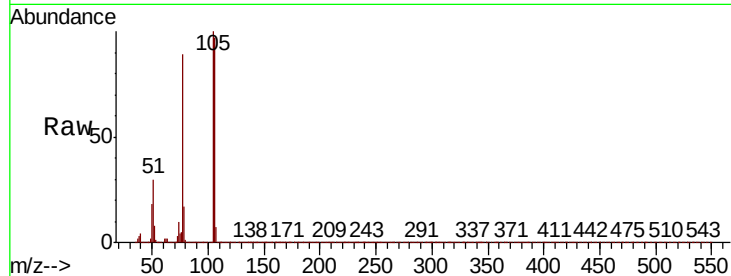
ClientSampleId :

PB123079BS

Tot Ion:	77	Resp:	377362
Ion	Ratio	Lower	Upper
77	100		
105	111.8	89.6	129.6
106	108.1	84.6	124.6

Manual Integrations
APPROVED

mohammad
9/19/2019 4:43:31 PM



#10

Phenol

Concen: 37.932 ng

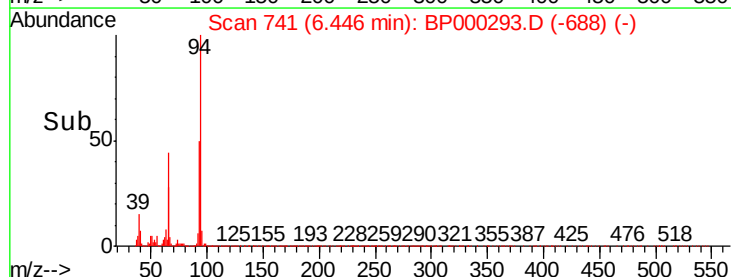
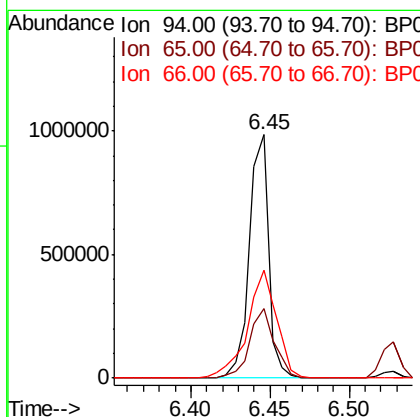
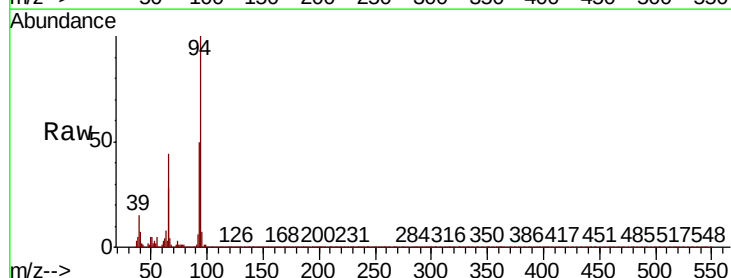
RT: 6.45 min Scan# 741

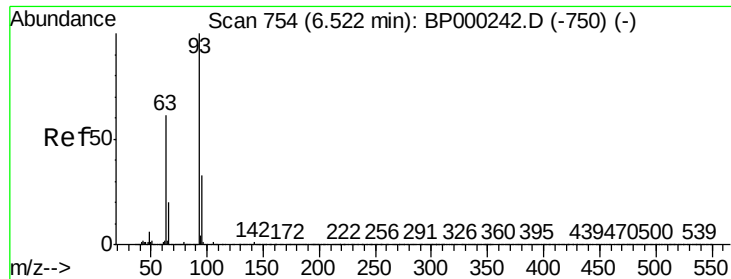
Delta R.T. 0.01 min

Lab File: BP000293.D

Acq: 18 Sep 2019 13:02

Tgt Ion:	94	Resp:	828304
Ion	Ratio	Lower	Upper
94	100		
65	28.4	3.3	43.3
66	44.4	12.7	52.7





#11

bis(2-Chloroethyl)ether

Concen: 37.524 ng

RT: 6.53 min Scan# 755

Delta R.T. 0.01 min

Lab File: BP000293.D

Acq: 18 Sep 2019 13:02

Instrument :

BNA_P

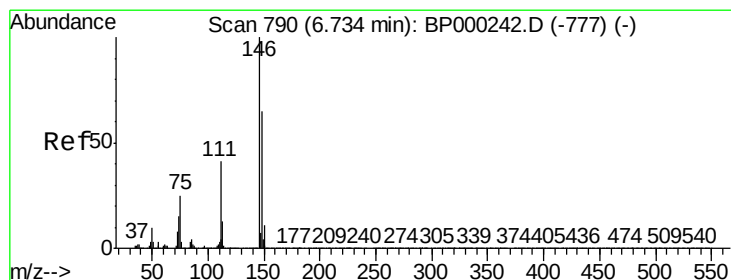
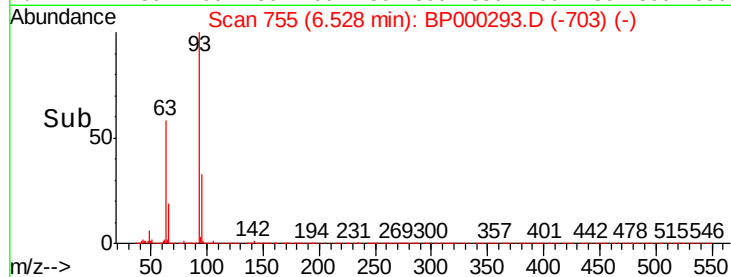
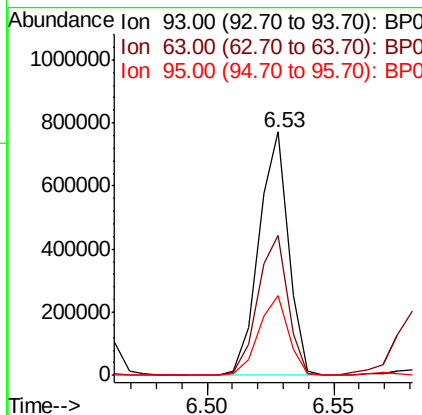
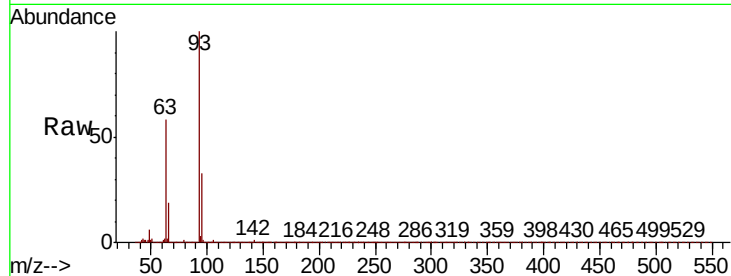
ClientSampleId :

PB123079BS

Tot Ion	93	Resp	627494
Ion Ratio	Lower	Upper	
93	100		
63	57.6	41.0	81.0
95	32.6	12.7	52.7

Manual Integrations
APPROVED

mohammad
9/19/2019 4:43:31 PM



#12

1,3-Dichlorobenzene

Concen: 38.605 ng

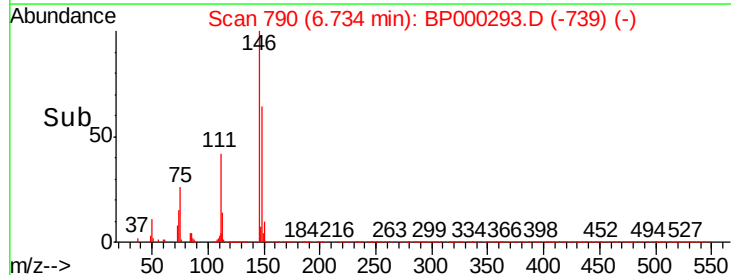
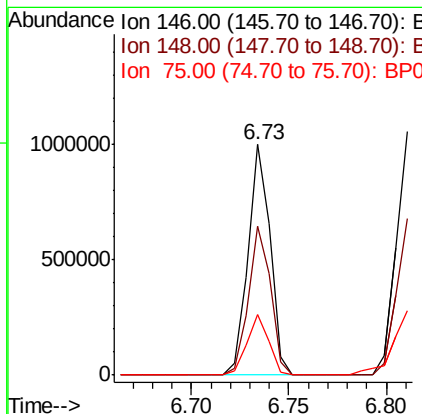
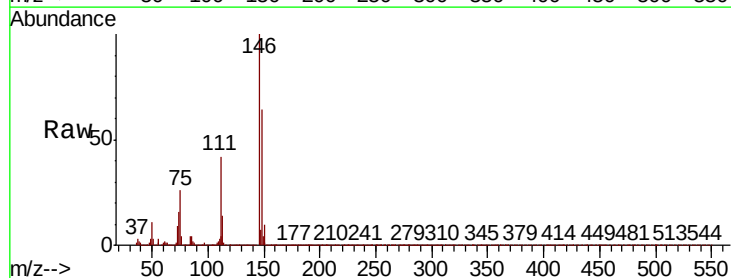
RT: 6.73 min Scan# 790

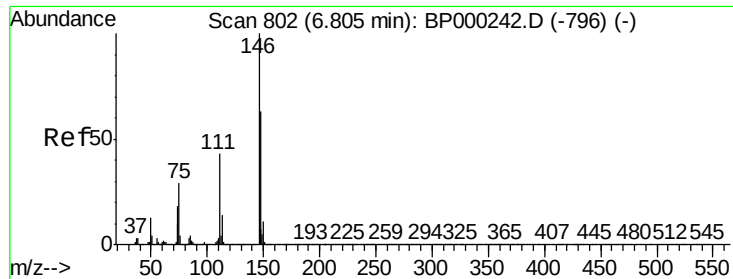
Delta R.T. -0.00 min

Lab File: BP000293.D

Acq: 18 Sep 2019 13:02

Tgt Ion	146	Resp	782181
Ion Ratio	Lower	Upper	
146	100		
148	64.4	52.1	78.1
75	26.3	20.2	30.4





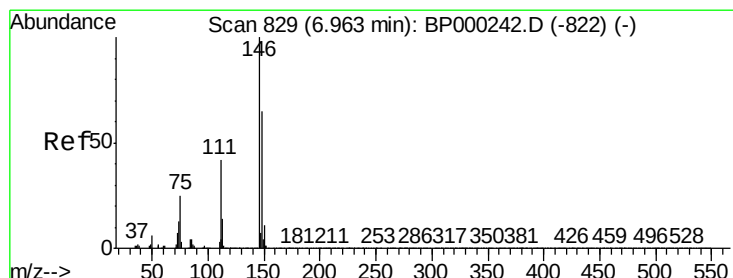
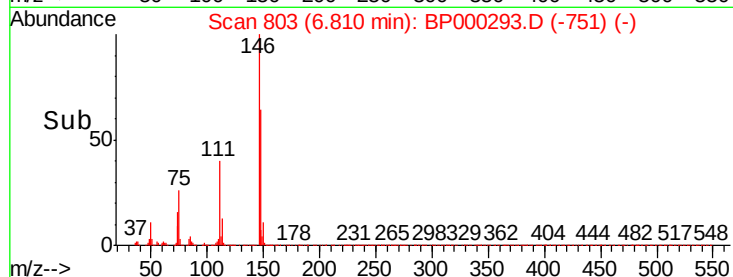
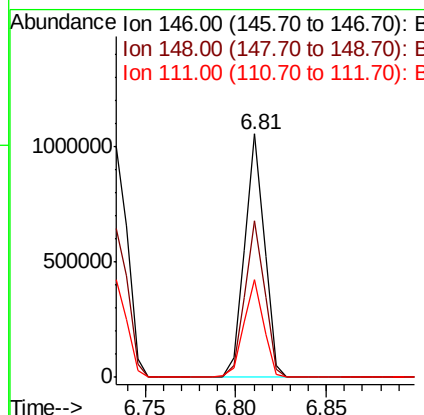
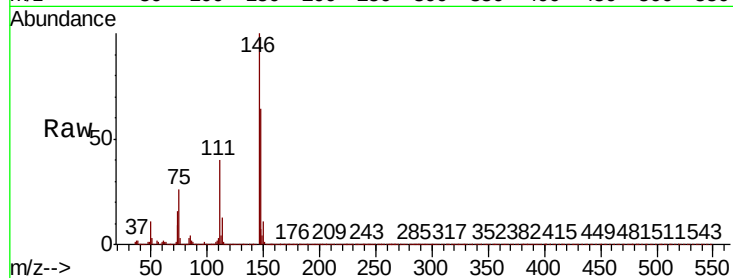
#13
1,4-Dichlorobenzene
Concen: 39.799 ng
RT: 6.81 min Scan# 803
Delta R.T. 0.01 min
Lab File: BP000293.D
Acq: 18 Sep 2019 13:02

Instrument :
BNA_P
ClientSampleId :
PB123079BS

Tot Ion	Ratio	Lower	Upper
146	100		
148	64.1	50.7	76.1
111	40.3	34.1	51.1

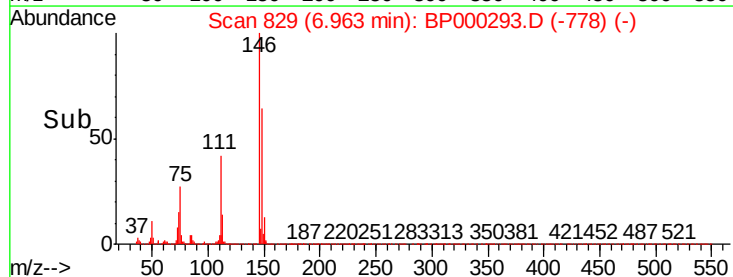
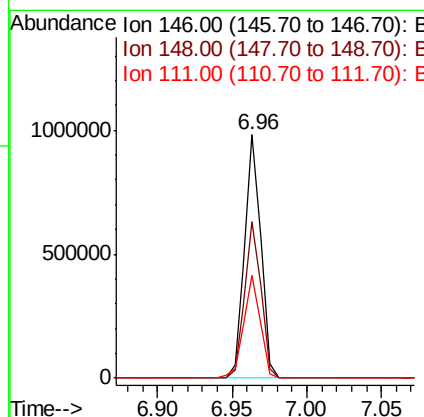
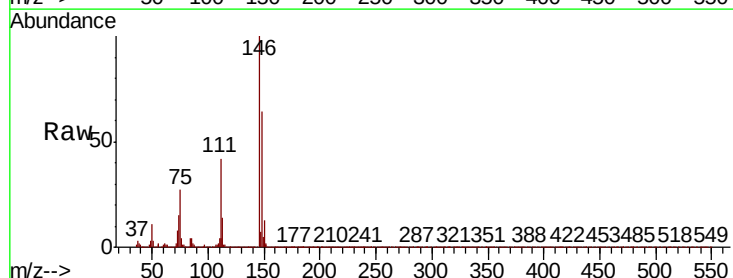
Manual Integrations
APPROVED

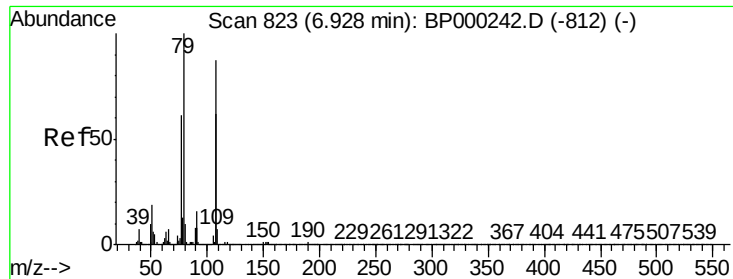
mohammad
9/19/2019 4:43:31 PM



#14
1,2-Dichlorobenzene
Concen: 40.313 ng
RT: 6.96 min Scan# 829
Delta R.T. -0.00 min
Lab File: BP000293.D
Acq: 18 Sep 2019 13:02

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.2	51.7	77.5
111	42.3	33.4	50.2





#15

Benzyl Alcohol

Concen: 39.586 ng

RT: 6.93 min Scan# 824

Delta R.T. 0.01 min

Lab File: BP000293.D

Acq: 18 Sep 2019 13:02

Instrument :

BNA_P

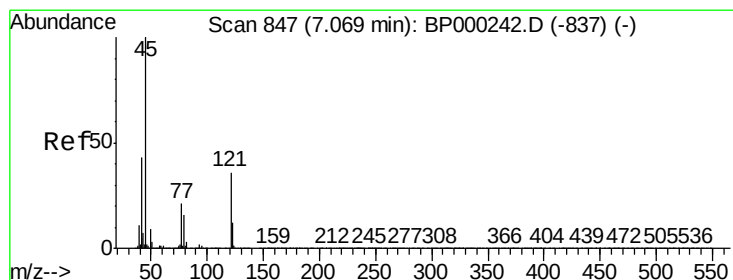
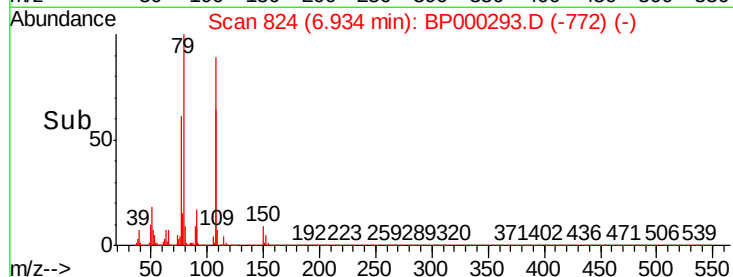
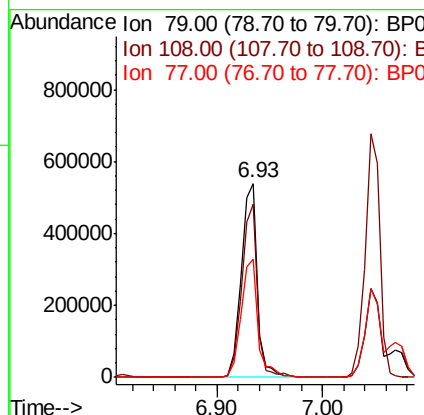
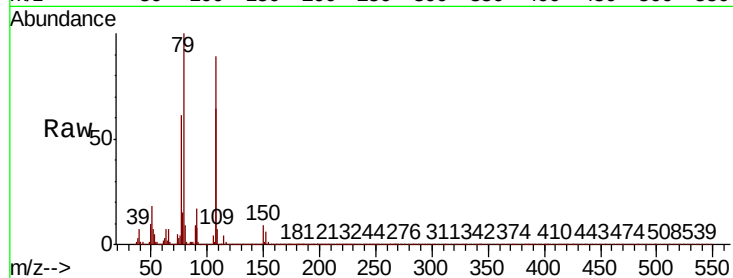
ClientSampleId :

PB123079BS

Tot Ion:	79	Resp:	553674
Ion Ratio	Lower	Upper	
79	100		
108	89.3	69.2	103.8
77	61.1	48.7	73.1

Manual Integrations
APPROVED

mohammad
9/19/2019 4:43:31 PM



#16

2,2'-oxybis(1-Chloropropane)

Concen: 35.169 ng

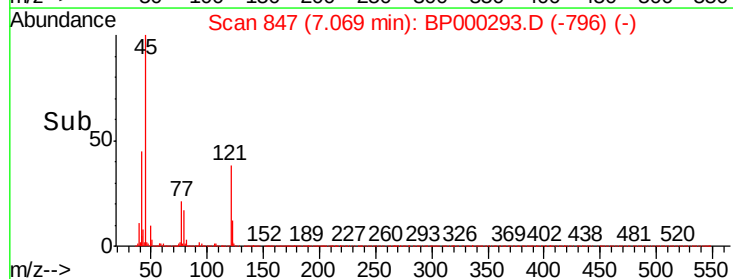
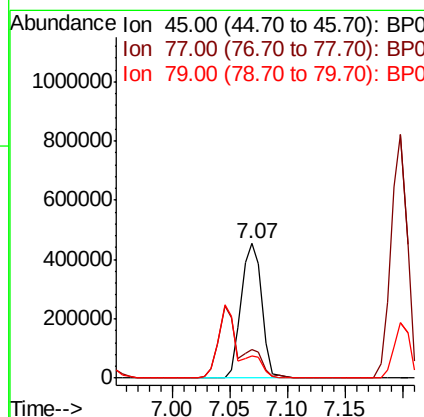
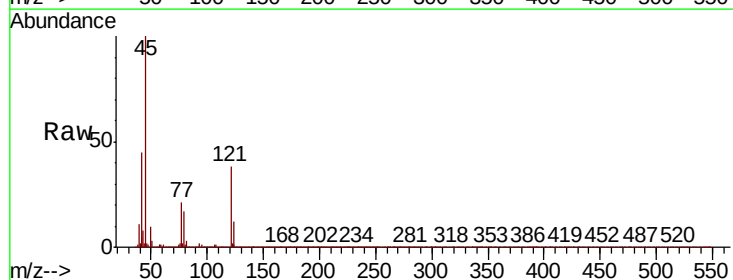
RT: 7.07 min Scan# 847

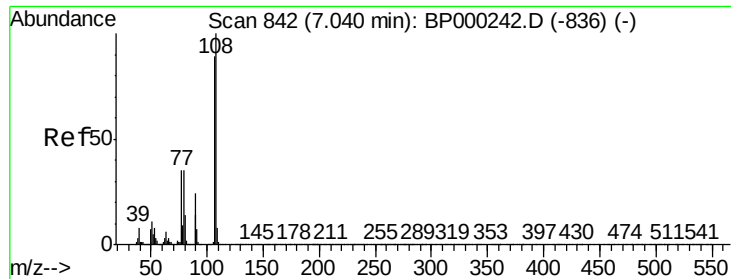
Delta R.T. -0.00 min

Lab File: BP000293.D

Acq: 18 Sep 2019 13:02

Tgt Ion:	45	Resp:	557561
Ion Ratio	Lower	Upper	
45	100		
77	21.1	0.7	40.7
79	16.8	0.0	36.4





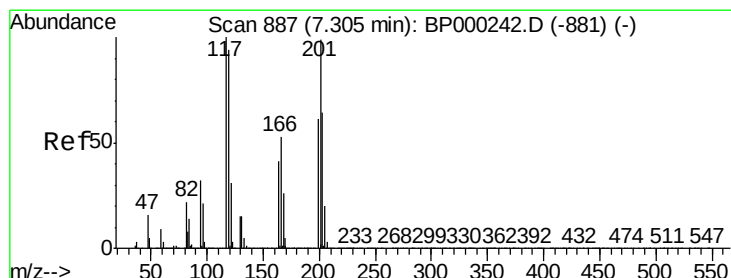
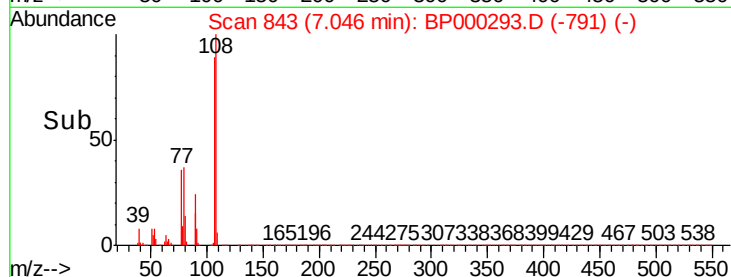
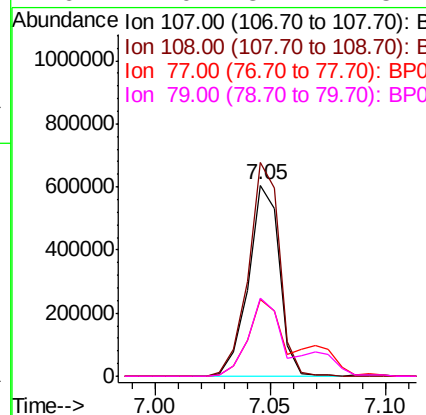
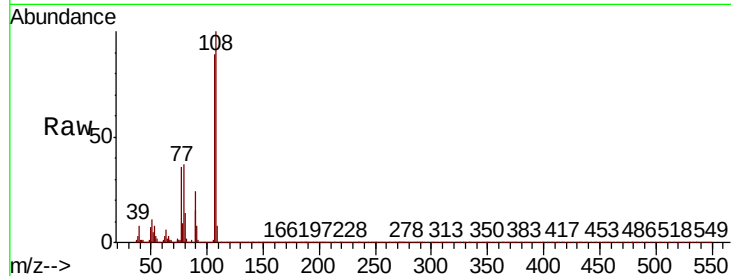
#17
2-Methylphenol
Concen: 39.097 ng
RT: 7.05 min Scan# 843
Delta R.T. 0.01 min
Lab File: BP000293.D
Acq: 18 Sep 2019 13:02

Instrument :
BNA_P
ClientSampled :
PB123079BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
107	107	100			
108	108	112.0	90.1	135.1	
77	77	40.5	31.5	47.3	
79	79	41.0	32.2	48.2	

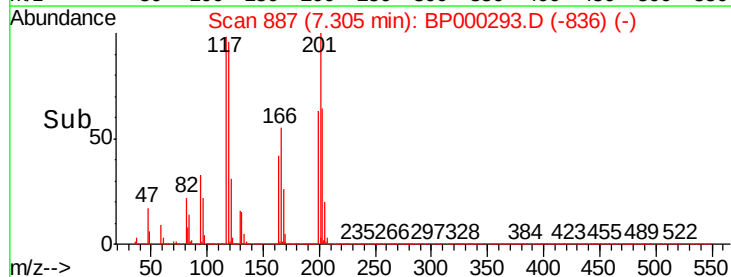
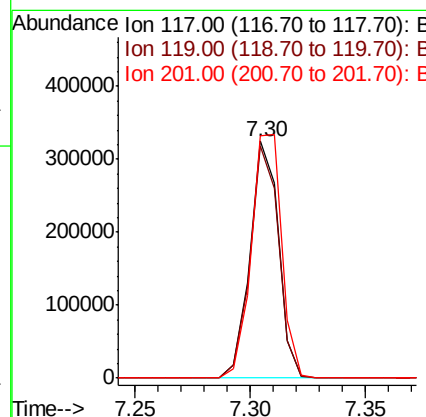
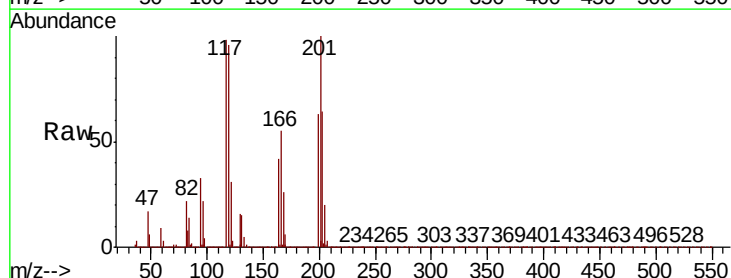
Manual Integrations
APPROVED

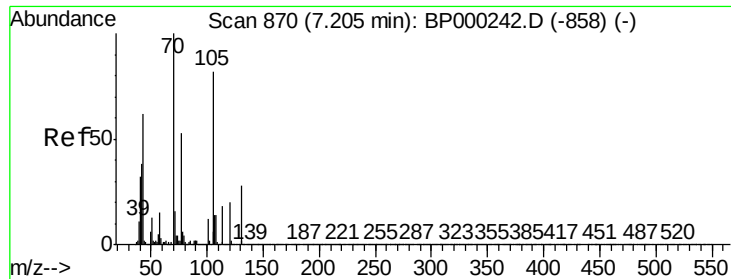
mohammad
9/19/2019 4:43:31 PM



#18
Hexachloroethane
Concen: 37.670 ng
RT: 7.30 min Scan# 887
Delta R.T. -0.00 min
Lab File: BP000293.D
Acq: 18 Sep 2019 13:02

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
117	117	100			
119	119	97.7	75.6	113.4	
201	201	102.2	79.4	119.2	





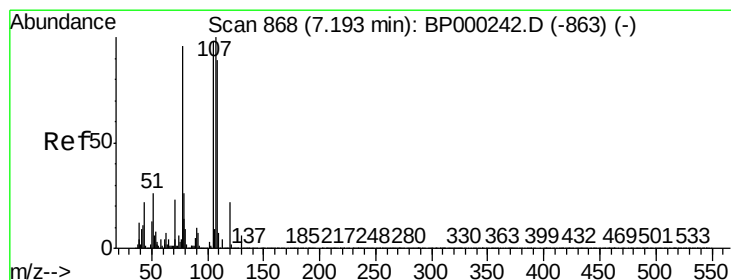
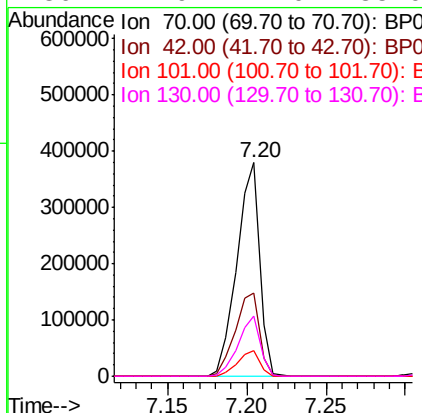
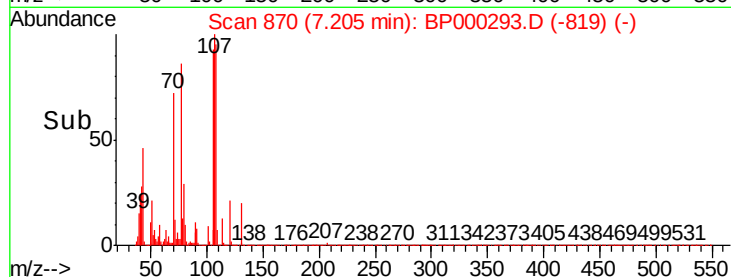
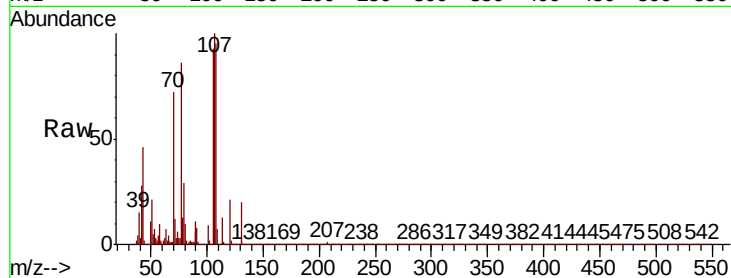
#19
n-Nitroso-di-n-propylamine
Concen: 37.128 ng
RT: 7.20 min Scan# 870
Delta R.T. -0.00 min
Lab File: BP000293.D
Acq: 18 Sep 2019 13:02

Instrument :
BNA_P
ClientSampleId :
PB123079BS

Tot Ion	Ratio	Lower	Upper
70	100		
42	39.2	30.7	46.1
101	12.1	9.6	14.4
130	27.9	22.0	33.0

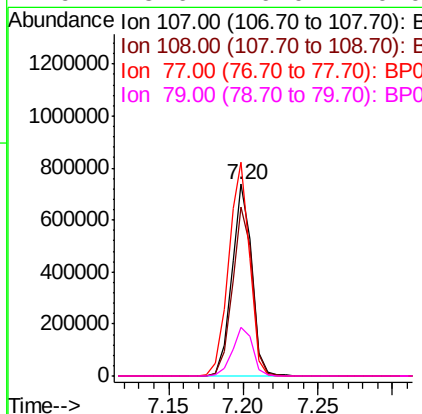
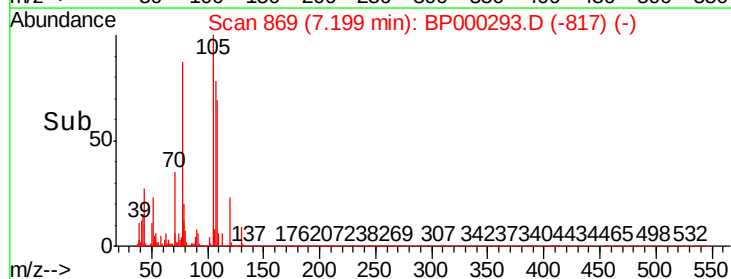
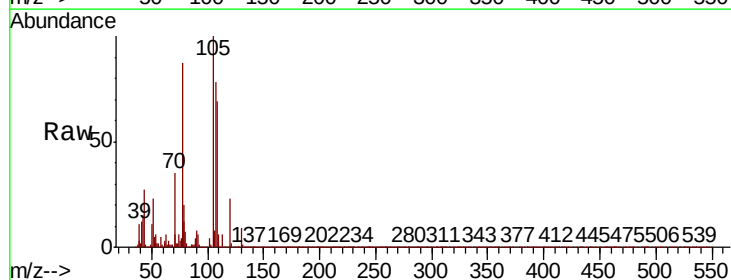
Manual Integrations
APPROVED

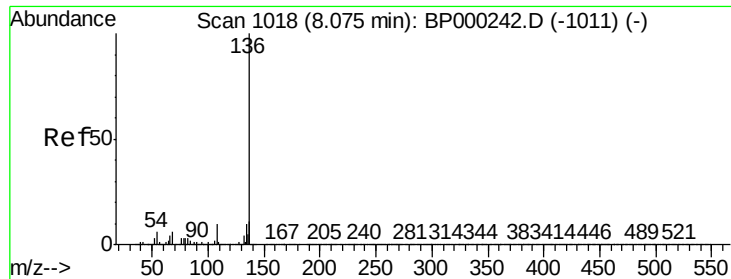
mohammad
9/19/2019 4:43:31 PM



#20
3+4-Methylphenols
Concen: 39.300 ng
RT: 7.20 min Scan# 869
Delta R.T. 0.01 min
Lab File: BP000293.D
Acq: 18 Sep 2019 13:02

Tgt Ion	Ratio	Lower	Upper
107	100		
108	88.5	68.8	108.8
77	111.6	75.7	115.7
79	25.6	6.0	46.0





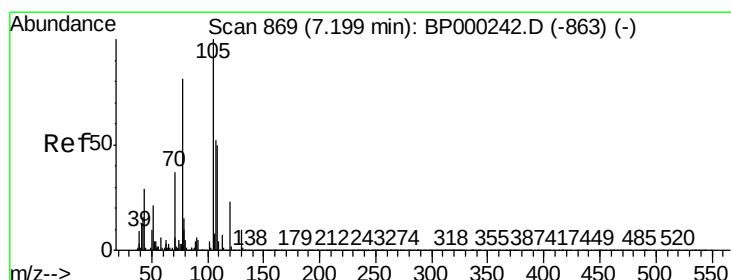
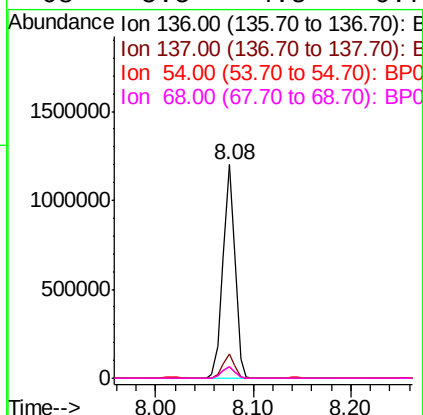
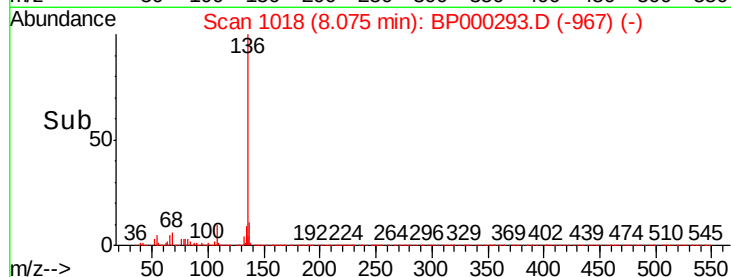
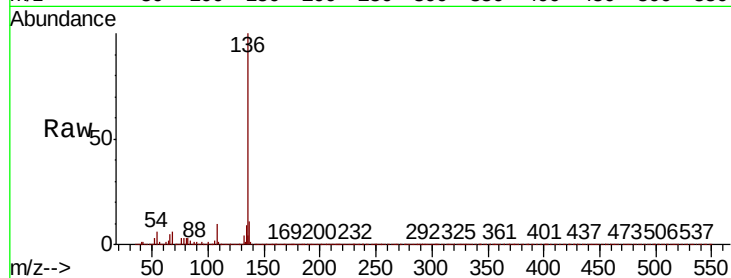
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.08 min Scan# 1018
Delta R.T. -0.00 min
Lab File: BP000293.D
Acq: 18 Sep 2019 13:02

Instrument :
BNA_P
ClientSampleId :
PB123079BS

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

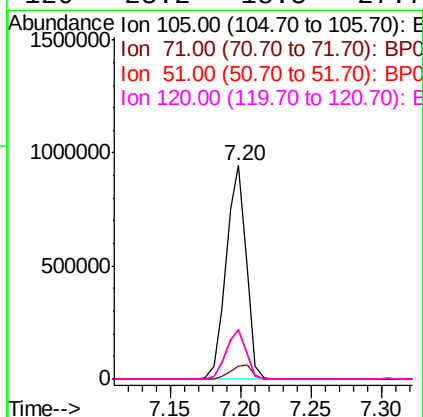
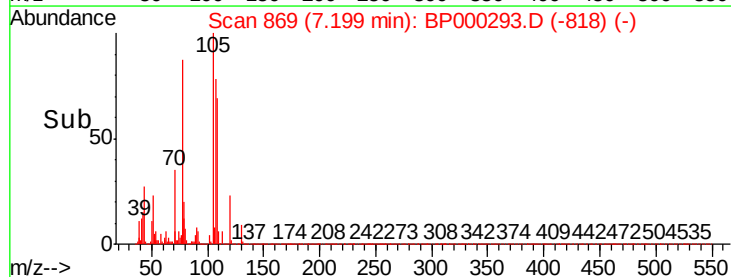
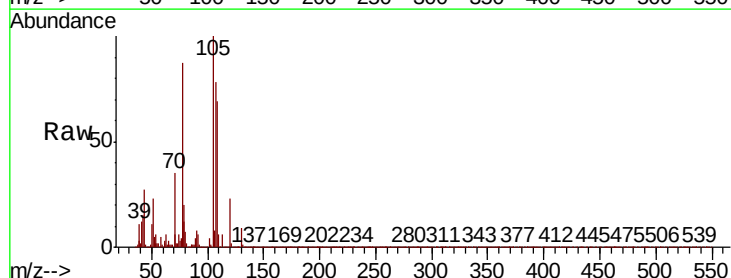
Manual Integrations
APPROVED

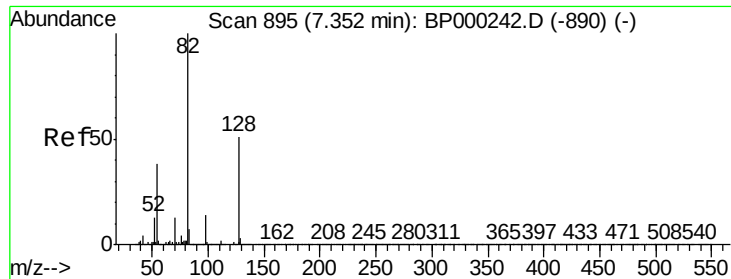
mohammad
9/19/2019 4:43:31 PM



#22
Acetophenone
Concen: 41.436 ng
RT: 7.20 min Scan# 869
Delta R.T. -0.00 min
Lab File: BP000293.D
Acq: 18 Sep 2019 13:02

Tgt Ion	Ratio	Lower	Upper
105	100		
71	5.9	5.2	7.8
51	22.8	16.6	24.8
120	23.2	18.5	27.7





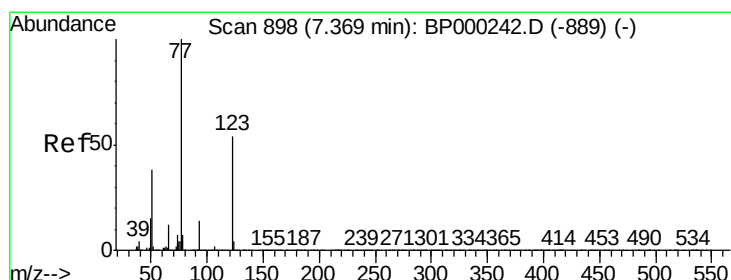
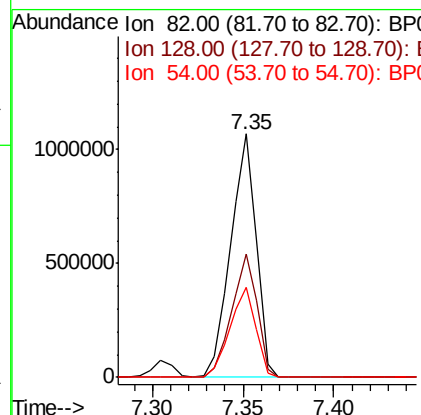
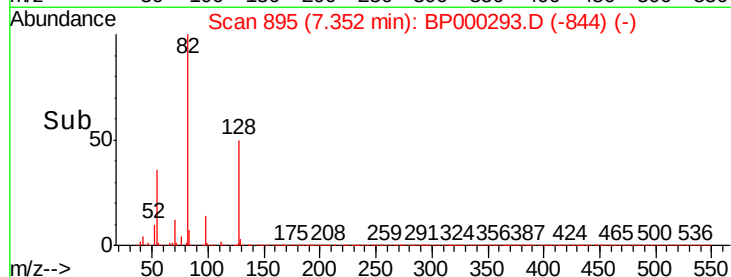
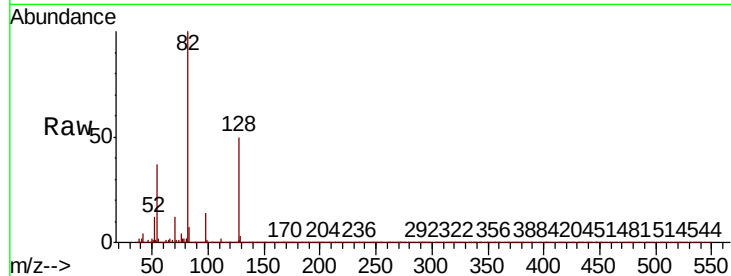
#23
Nitrobenzene-d5
Concen: 65.577 ng
RT: 7.35 min Scan# 895
Delta R.T. -0.00 min
Lab File: BP000293.D
Acq: 18 Sep 2019 13:02

Instrument :
BNA_P
ClientSampled :
PB123079BS

Tot Ion	Ion	Ratio	Lower	Upper
82	100			
128	50.4	40.7	61.1	
54	37.1	30.1	45.1	

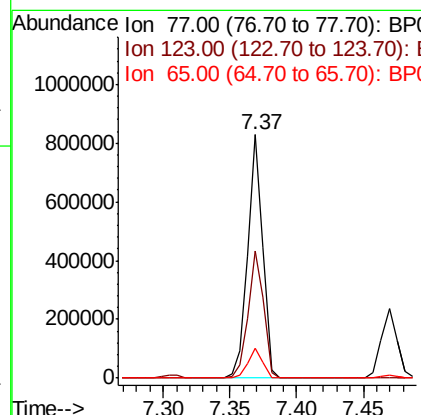
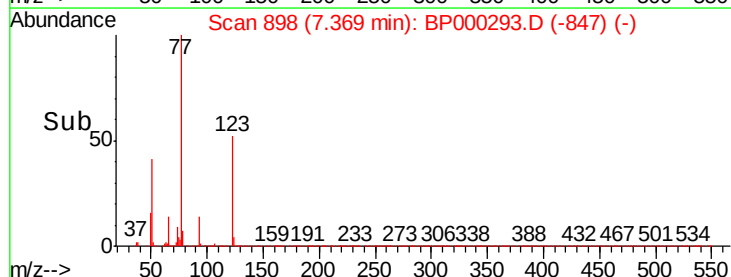
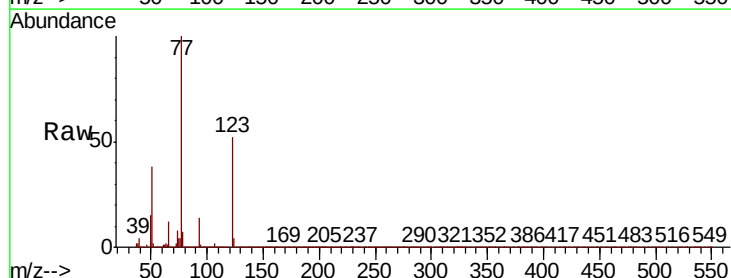
Manual Integrations
APPROVED

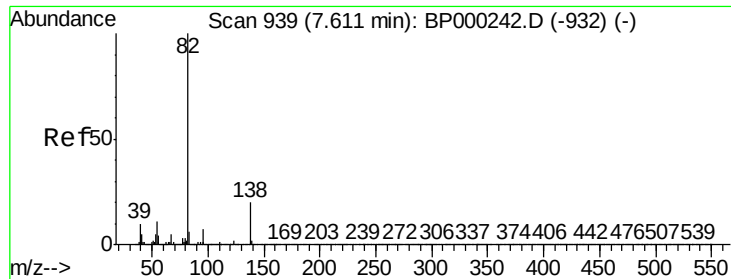
mohammad
9/19/2019 4:43:31 PM



#24
Nitrobenzene
Concen: 39.123 ng
RT: 7.37 min Scan# 898
Delta R.T. -0.00 min
Lab File: BP000293.D
Acq: 18 Sep 2019 13:02

Tgt Ion	Ion	Ratio	Lower	Upper
77	100			
123	52.5	43.1	64.7	
65	12.2	9.4	14.2	





#25

Isophorone

Concen: 38.112 ng

RT: 7.61 min Scan# 939

Delta R.T. -0.00 min

Lab File: BP000293.D

Acq: 18 Sep 2019 13:02

Instrument :

BNA_P

ClientSampleId :

PB123079BS

Tot Ion: 82 Resp: 1205689

Ion Ratio Lower Upper

82 100

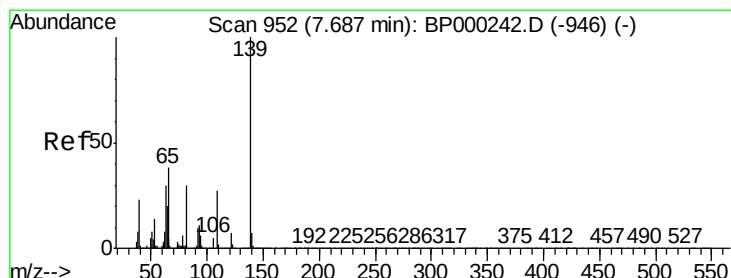
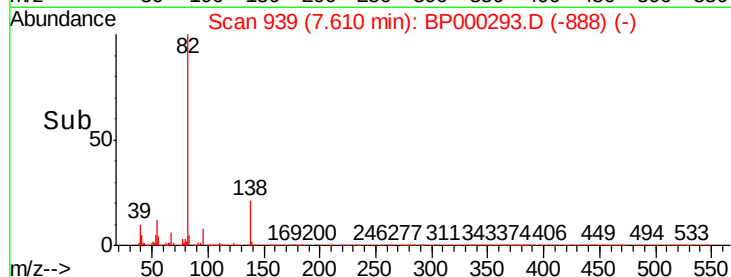
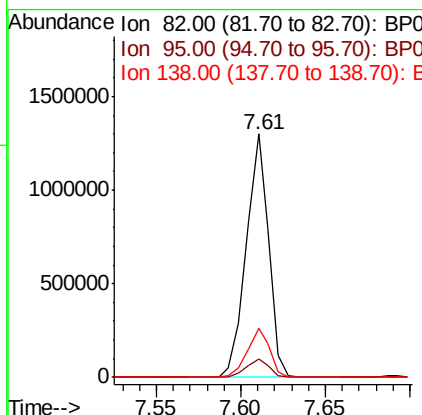
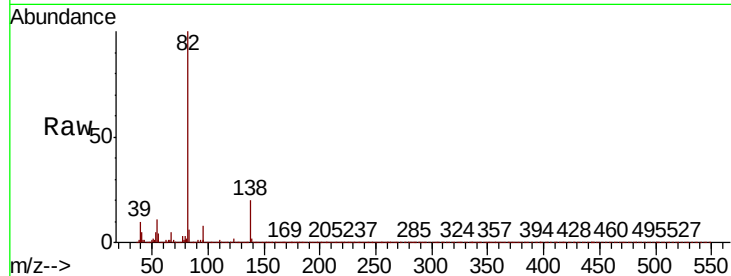
95 7.6 5.9 8.9

138 20.1 15.9 23.9

Manual Integrations
APPROVED

mohammad

9/19/2019 4:43:31 PM



#26

2-Nitrophenol

Concen: 41.327 ng

RT: 7.69 min Scan# 952

Delta R.T. -0.00 min

Lab File: BP000293.D

Acq: 18 Sep 2019 13:02

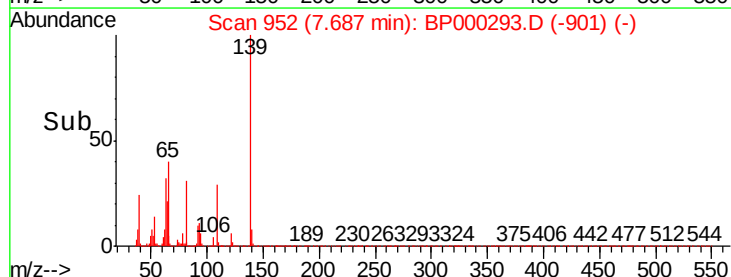
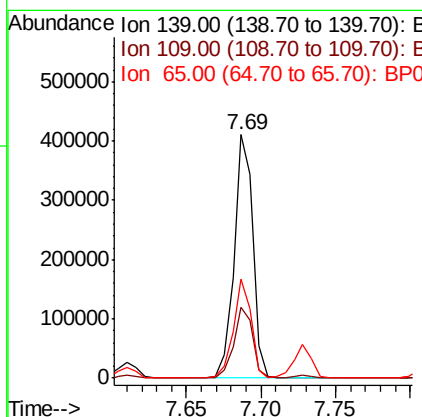
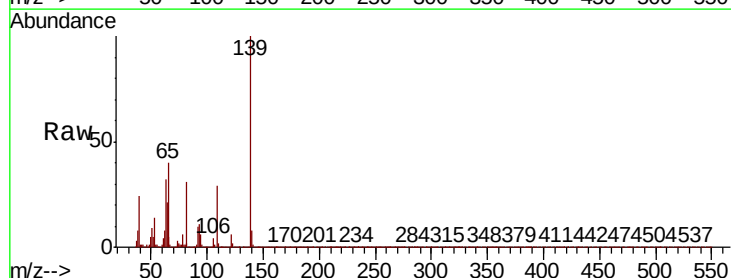
Tgt Ion: 139 Resp: 363561

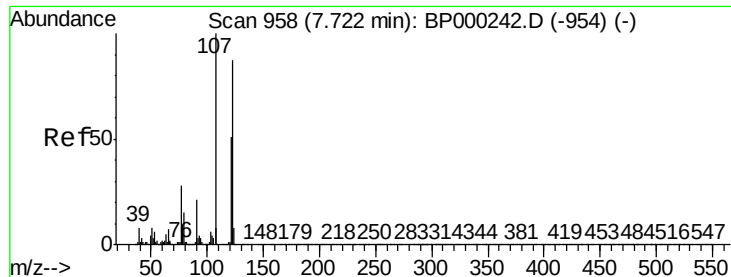
Ion Ratio Lower Upper

139 100

109 29.3 21.8 32.6

65 40.4 30.5 45.7





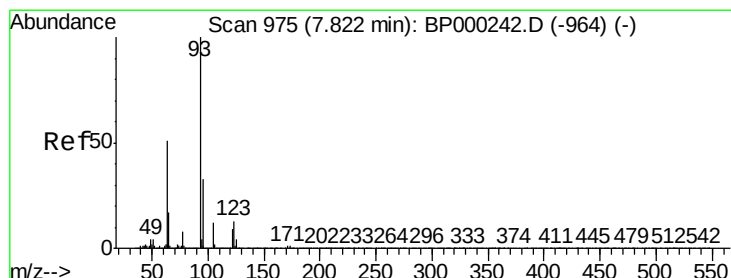
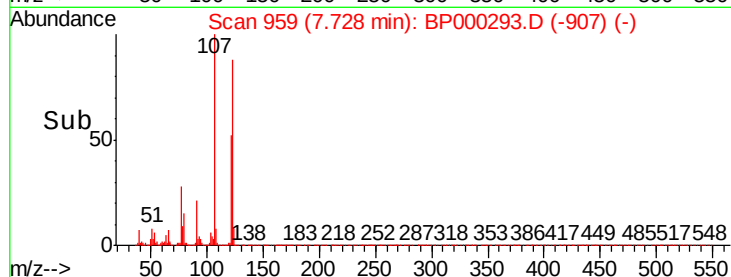
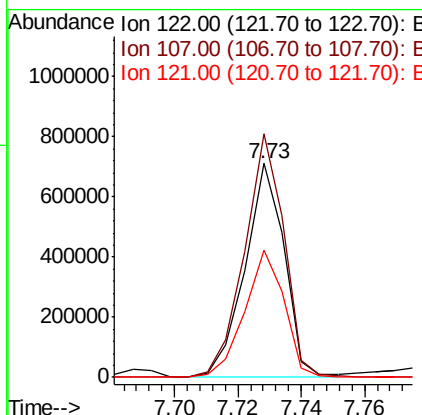
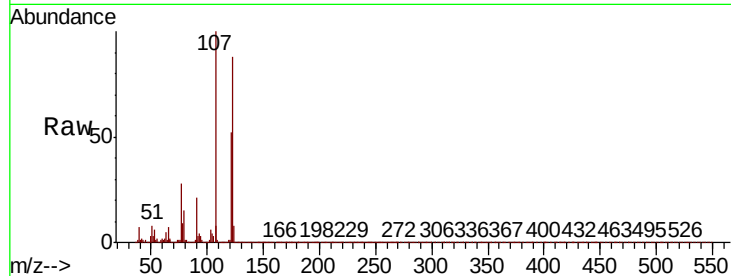
#27
2,4-Dimethylphenol
Concen: 43.910 ng
RT: 7.73 min Scan# 959
Delta R.T. 0.01 min
Lab File: BP000293.D
Acq: 18 Sep 2019 13:02

Instrument :
BNA_P
ClientSampleId :
PB123079BS

Tot Ion	Ratio	Resp	Lower	Upper
122	100	615311		
107	113.9	91.5	137.3	
121	59.5	46.9	70.3	

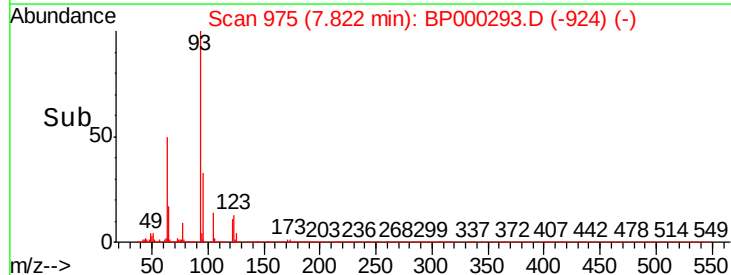
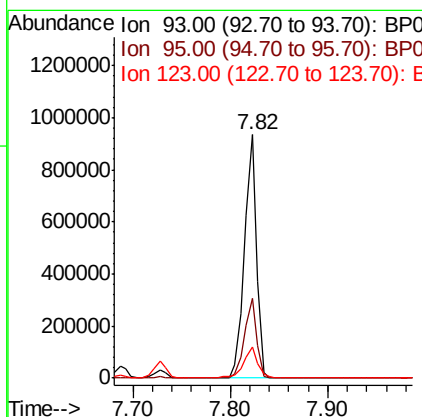
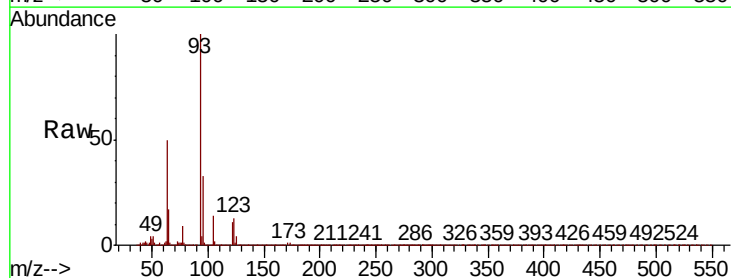
Manual Integrations
APPROVED

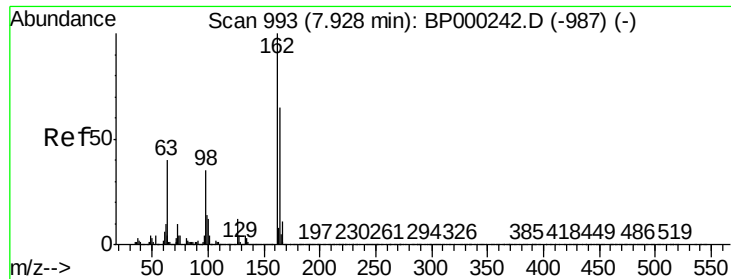
mohammad
9/19/2019 4:43:31 PM



#28
bis(2-Chloroethoxy)methane
Concen: 37.844 ng
RT: 7.82 min Scan# 975
Delta R.T. -0.00 min
Lab File: BP000293.D
Acq: 18 Sep 2019 13:02

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	796272		
95	32.6	26.2	39.4	
123	13.0	10.2	15.2	





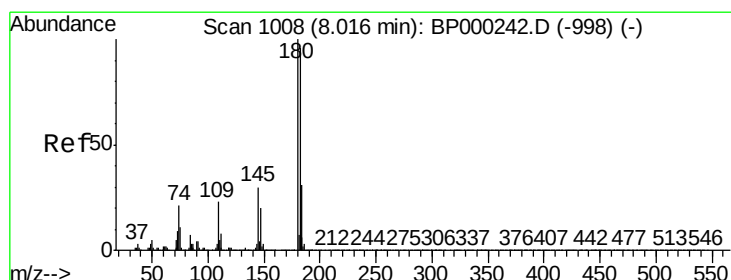
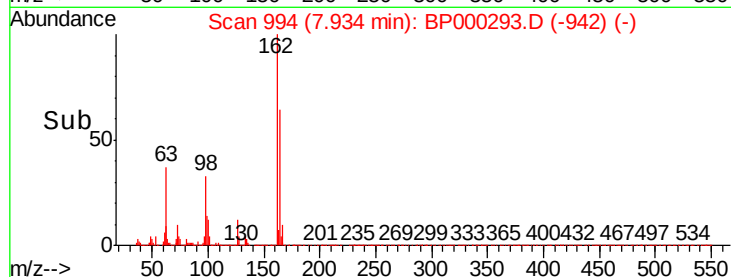
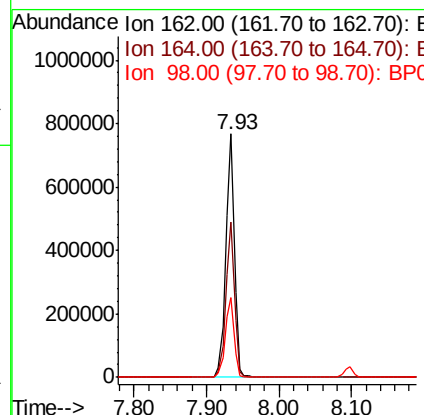
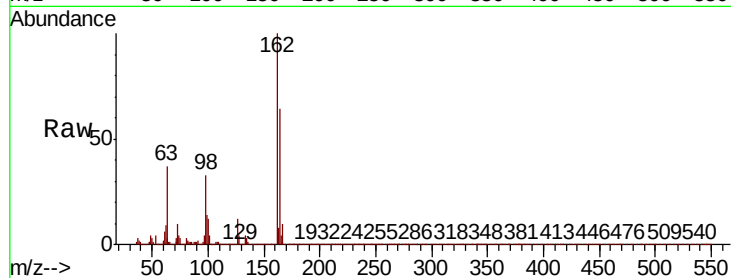
#29
2,4-Dichlorophenol
Concen: 41.916 ng
RT: 7.93 min Scan# 994
Delta R.T. 0.01 min
Lab File: BP000293.D
Acq: 18 Sep 2019 13:02

Instrument :
BNA_P
ClientSampleId :
PB123079BS

Tot Ion	Ratio	Resp Lower	Upper
162	100		
164	63.7	44.5	84.5
98	32.7	15.2	55.2

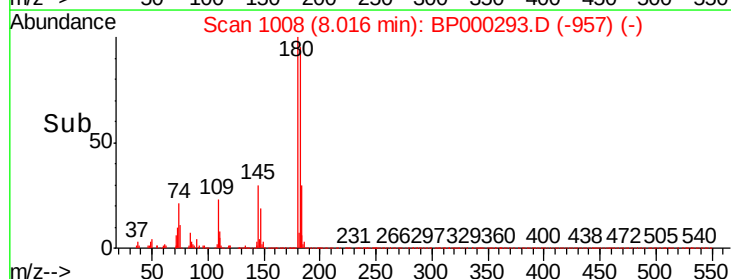
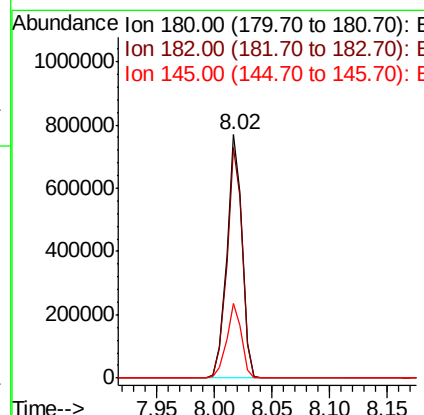
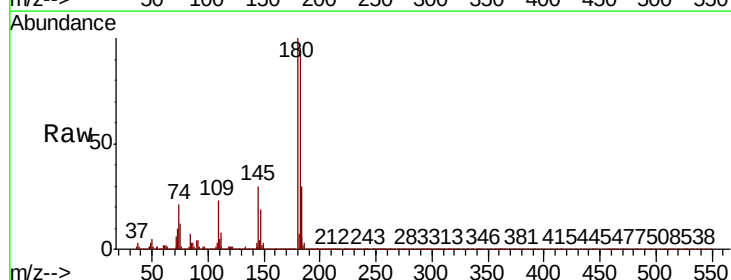
Manual Integrations
APPROVED

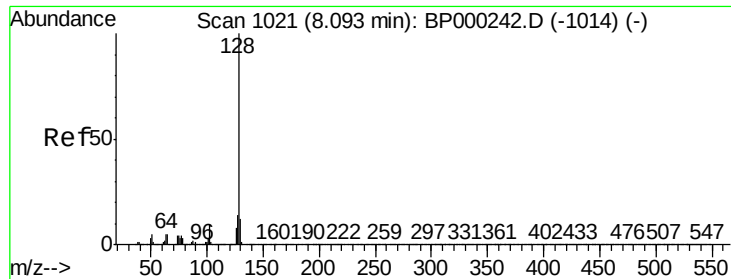
mohammad
9/19/2019 4:43:31 PM



#30
1,2,4-Trichlorobenzene
Concen: 40.422 ng
RT: 8.02 min Scan# 1008
Delta R.T. -0.00 min
Lab File: BP000293.D
Acq: 18 Sep 2019 13:02

Tgt Ion	Ratio	Resp Lower	Upper
180	100		
182	94.6	77.2	115.8
145	30.5	24.3	36.5





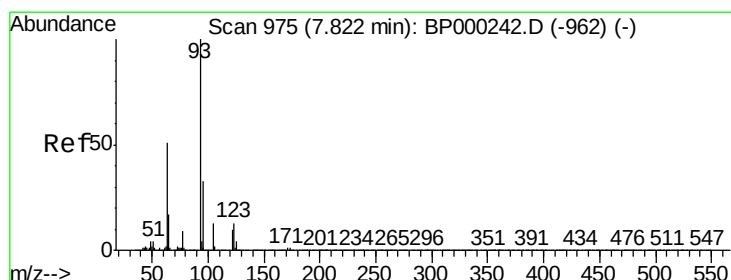
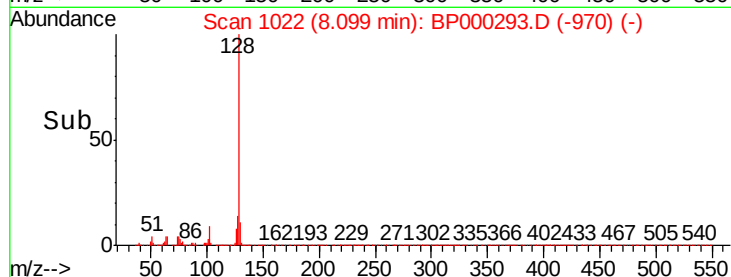
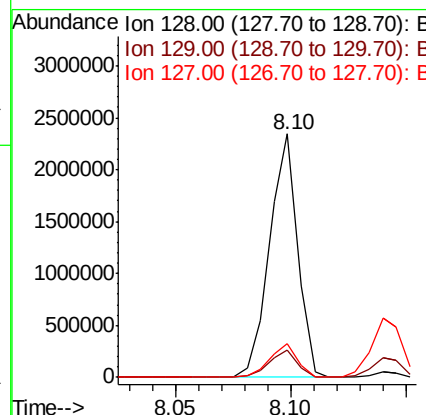
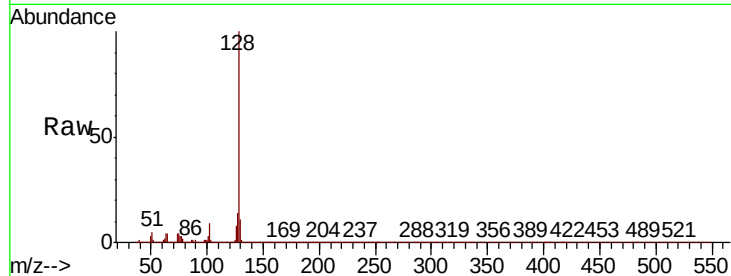
#31
Naphthalene
Concen: 41.499 ng
RT: 8.10 min Scan# 1022
Delta R.T. 0.01 min
Lab File: BP000293.D
Acq: 18 Sep 2019 13:02

Instrument :
BNA_P
ClientSampleId :
PB123079BS

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.0	9.2	13.8
127	13.7	11.0	16.6

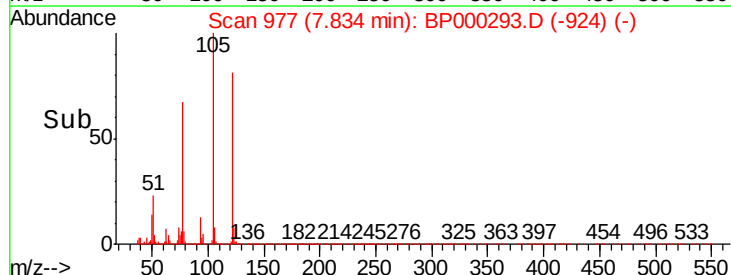
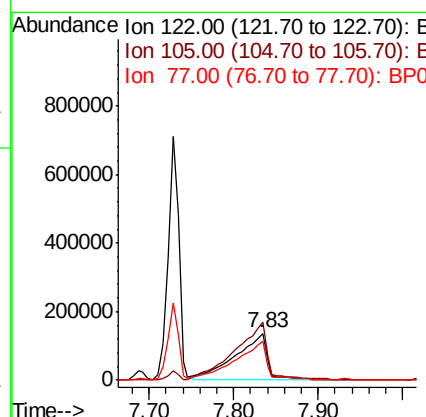
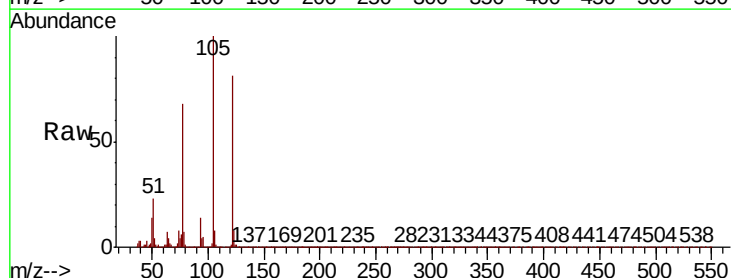
Manual Integrations
APPROVED

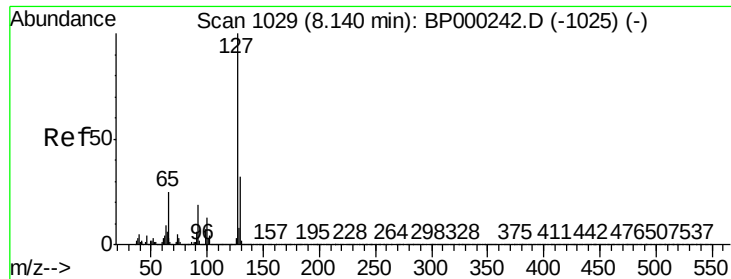
mohammad
9/19/2019 4:43:31 PM



#32
Benzoic acid
Concen: 37.323 ng
RT: 7.83 min Scan# 977
Delta R.T. 0.01 min
Lab File: BP000293.D
Acq: 18 Sep 2019 13:02

Tgt Ion	Ratio	Lower	Upper
122	100		
105	123.6	105.4	145.4
77	83.8	65.3	105.3





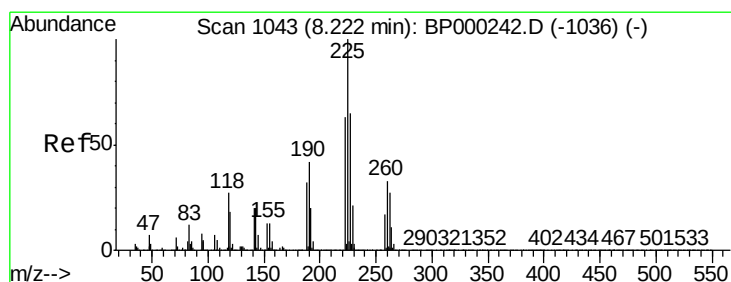
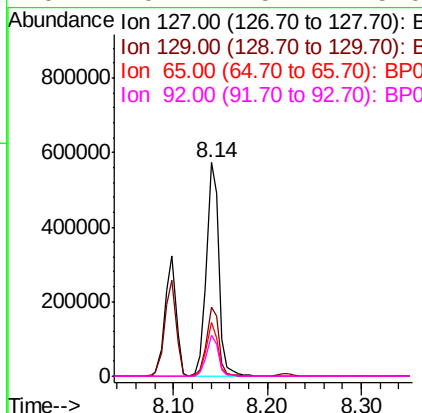
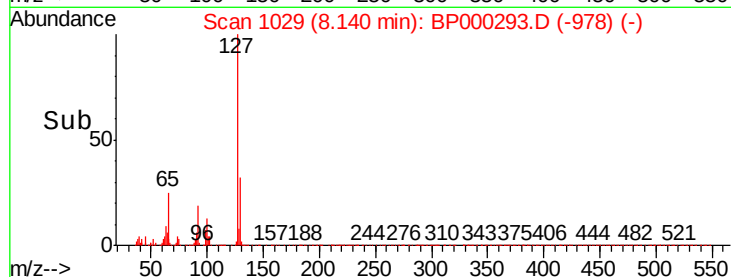
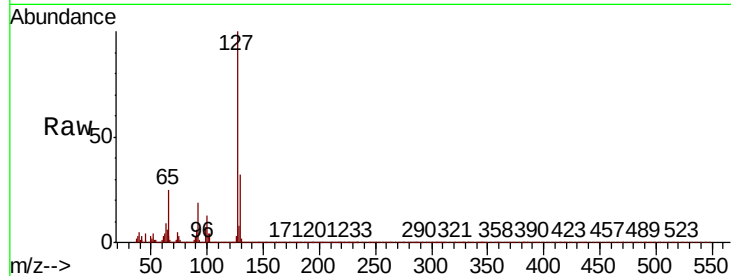
#33
4-Chloroaniline
Concen: 24.837 ng
RT: 8.14 min Scan# 1029
Delta R.T. -0.00 min
Lab File: BP000293.D
Acq: 18 Sep 2019 13:02

Instrument :
BNA_P
ClientSampleId :
PB123079BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	32.2	25.7	38.5		
65	25.0	19.9	29.9		
92	19.1	15.4	23.0		

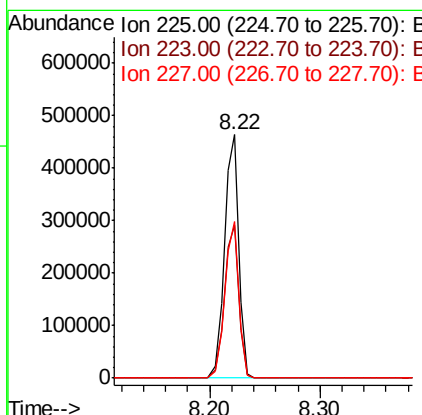
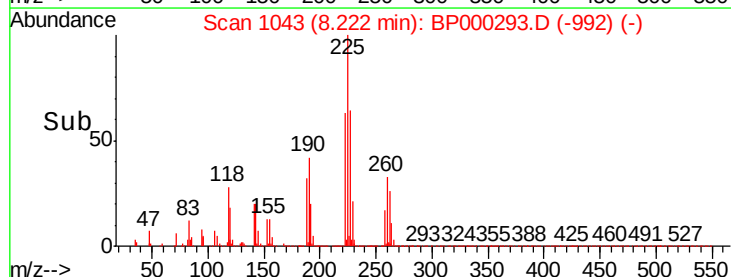
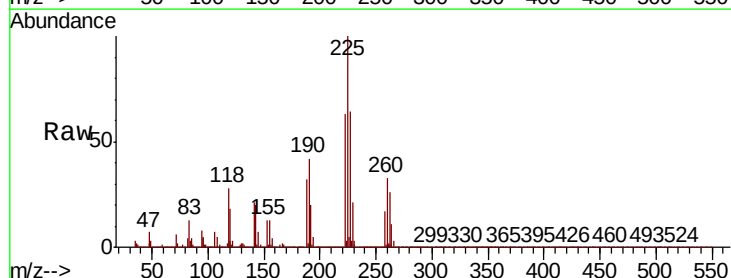
Manual Integrations
APPROVED

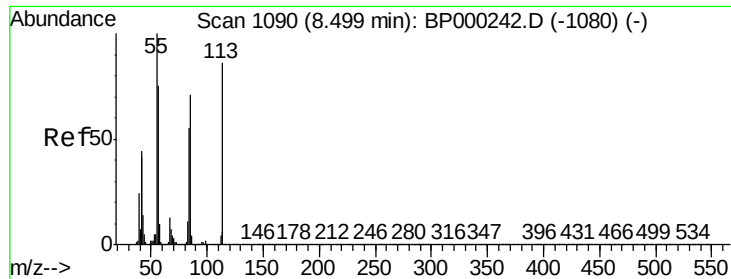
mohammad
9/19/2019 4:43:31 PM



#34
Hexachlorobutadiene
Concen: 40.860 ng
RT: 8.22 min Scan# 1043
Delta R.T. -0.00 min
Lab File: BP000293.D
Acq: 18 Sep 2019 13:02

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	62.8	50.2	75.2		
227	64.3	51.8	77.6		





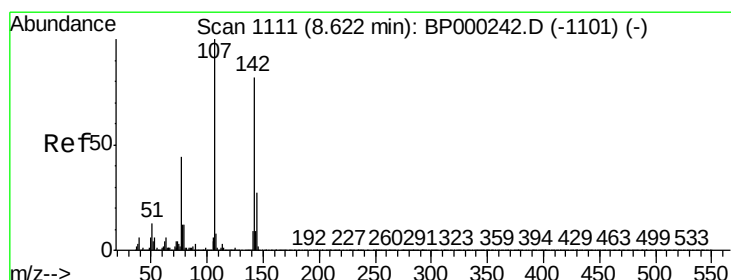
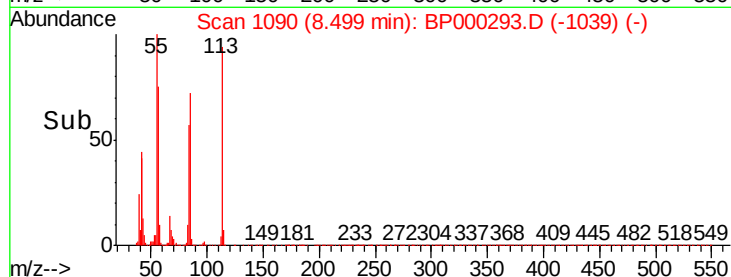
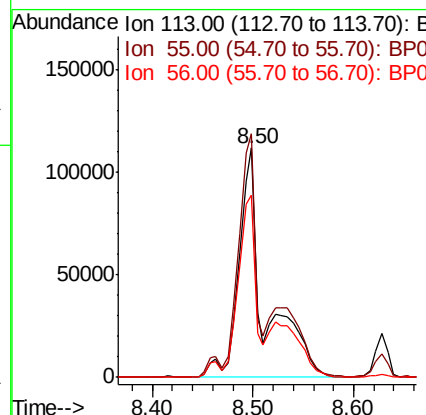
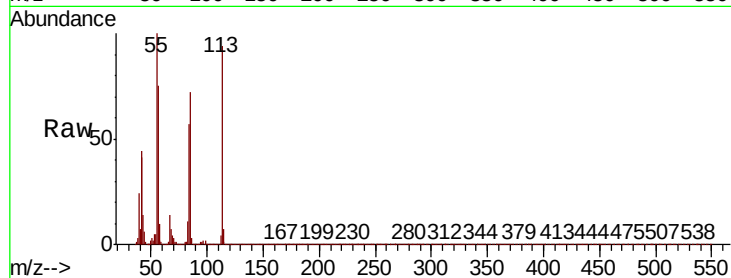
#35
Caprolactam
Concen: 39.255 ng m
RT: 8.50 min Scan# 1090
Delta R.T. -0.00 min
Lab File: BP000293.D
Acq: 18 Sep 2019 13:02

Instrument :
BNA_P
ClientSampleId :
PB123079BS

Tot Ion	Ratio	Resp	Lower	Upper
113	100	200554		
55	106.3		96.8	136.8
56	79.6		67.5	107.5

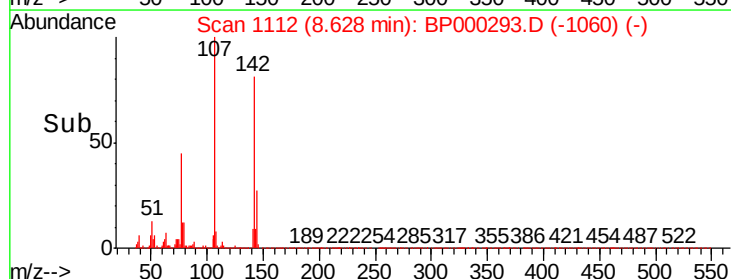
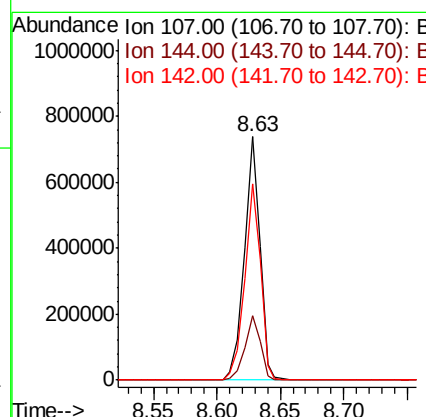
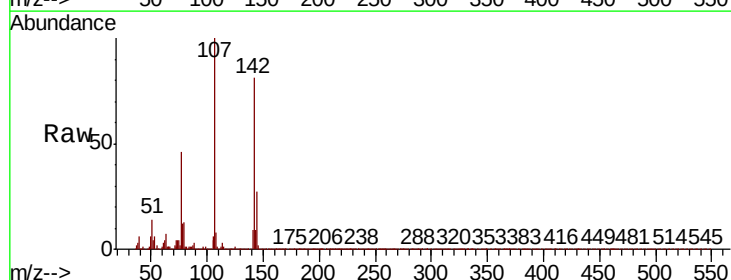
Manual Integrations
APPROVED

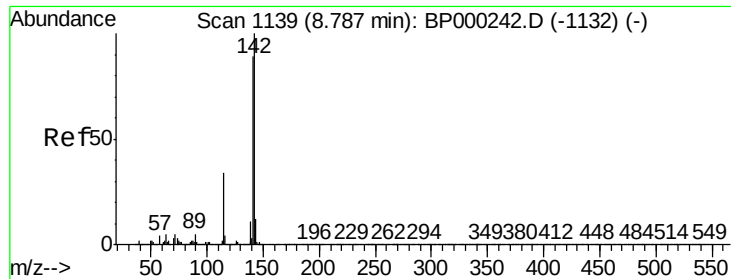
mohammad
9/19/2019 4:43:31 PM



#36
4-Chloro-3-methylphenol
Concen: 40.740 ng
RT: 8.63 min Scan# 1112
Delta R.T. 0.01 min
Lab File: BP000293.D
Acq: 18 Sep 2019 13:02

Tgt Ion	Ratio	Resp	Lower	Upper
107	100	621124		
144	26.7		21.5	32.3
142	80.8		65.7	98.5





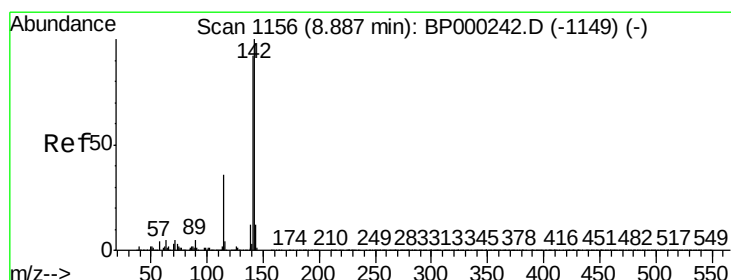
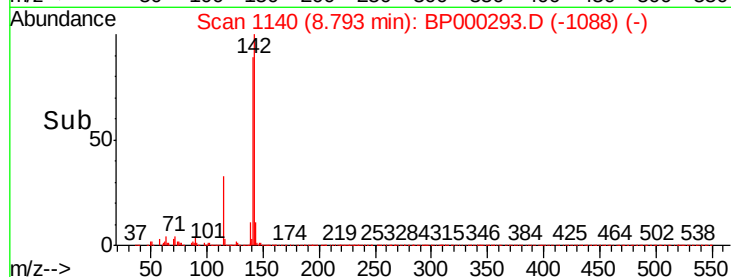
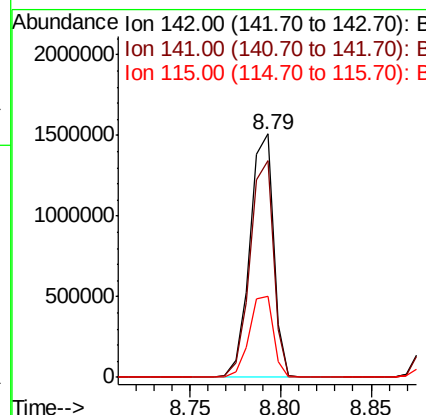
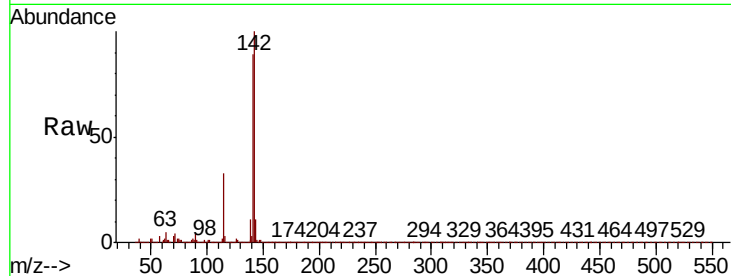
#37
2-Methylnaphthalene
Concen: 42.005 ng
RT: 8.79 min Scan# 1140
Delta R.T. 0.01 min
Lab File: BP000293.D
Acq: 18 Sep 2019 13:02

Instrument :
BNA_P
ClientSampleId :
PB123079BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.0	71.3	106.9
115	33.1	27.2	40.8

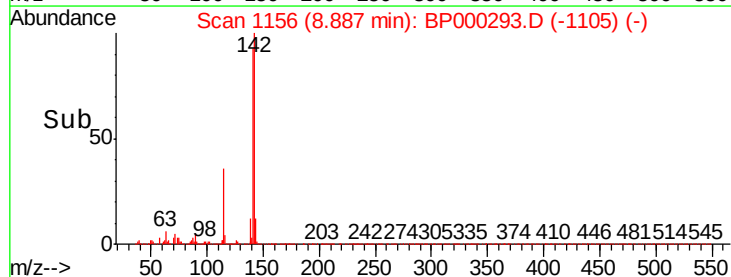
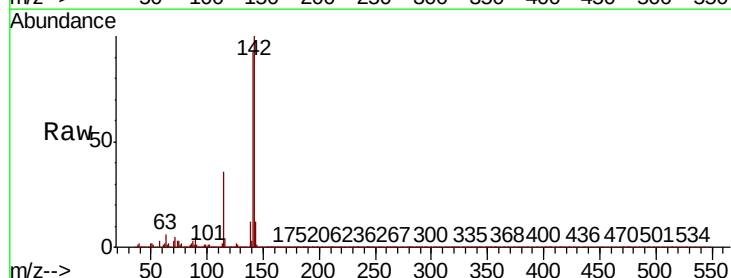
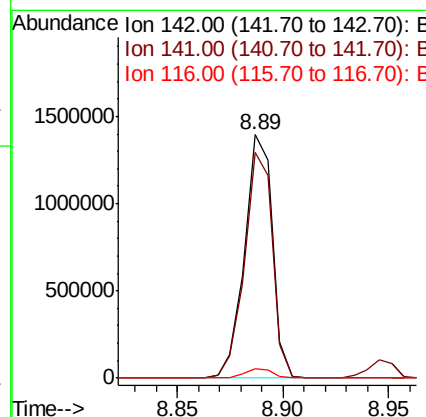
Manual Integrations
APPROVED

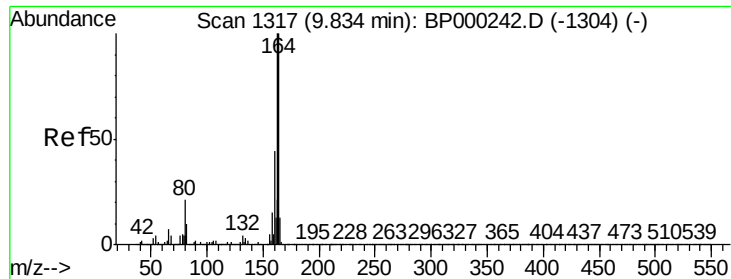
mohammad
9/19/2019 4:43:31 PM



#38
1-Methylnaphthalene
Concen: 41.568 ng
RT: 8.89 min Scan# 1156
Delta R.T. -0.00 min
Lab File: BP000293.D
Acq: 18 Sep 2019 13:02

Tgt Ion	Ratio	Lower	Upper
142	100		
141	92.7	73.9	110.9
116	3.9	3.0	4.6





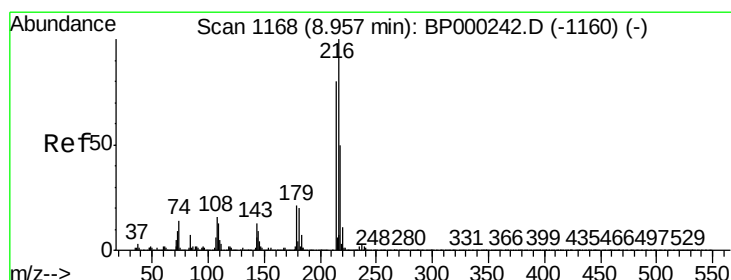
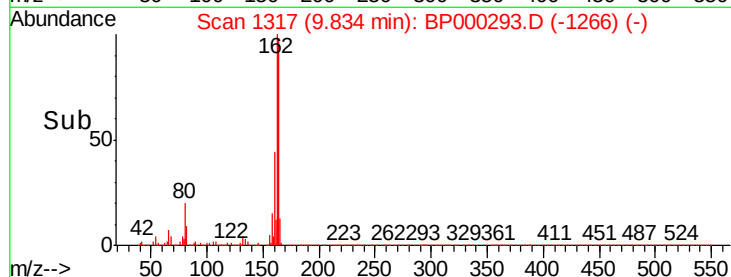
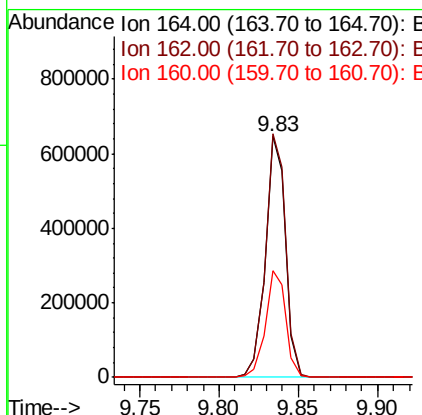
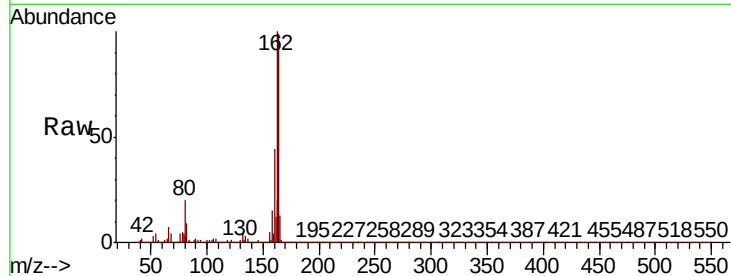
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.83 min Scan# 1317
Delta R.T. -0.00 min
Lab File: BP000293.D
Acq: 18 Sep 2019 13:02

Instrument :
BNA_P
ClientSampleId :
PB123079BS

Tot Ion:	164	Resp:	575994
Ion Ratio	Lower	Upper	
164	100		
162	101.1	79.9	119.9
160	44.5	35.6	53.4

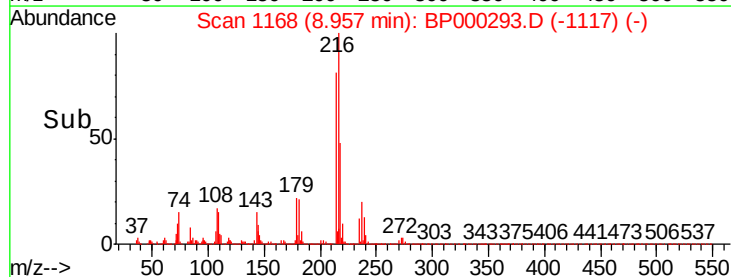
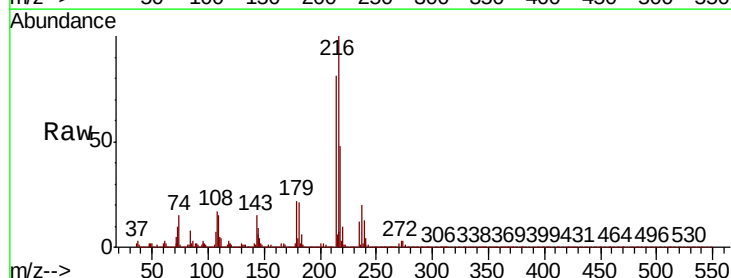
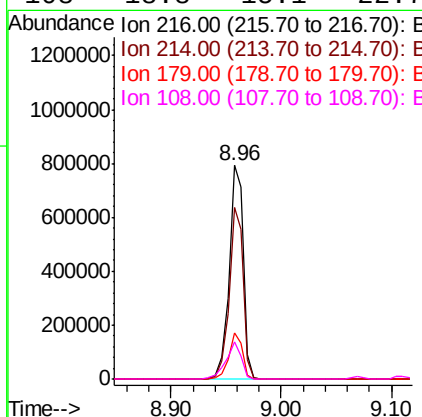
Manual Integrations
APPROVED

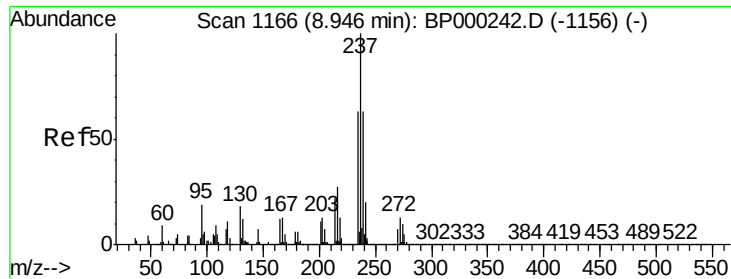
mohammad
9/19/2019 4:43:31 PM



#40
1,2,4,5-Tetrachlorobenzene
Concen: 42.858 ng
RT: 8.96 min Scan# 1168
Delta R.T. -0.00 min
Lab File: BP000293.D
Acq: 18 Sep 2019 13:02

Tgt Ion:	216	Resp:	705814
Ion Ratio	Lower	Upper	
216	100		
214	79.3	63.6	95.4
179	20.8	17.0	25.4
108	18.8	15.1	22.7





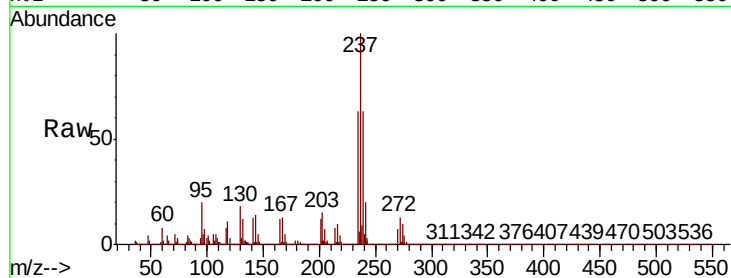
#41
Hexachlorocyclopentadiene
Concen: 82.143 ng
RT: 8.95 min Scan# 1166
Delta R.T. -0.00 min
Lab File: BP000293.D
Acq: 18 Sep 2019 13:02

Instrument :
BNA_P
ClientSampleId :
PB123079BS

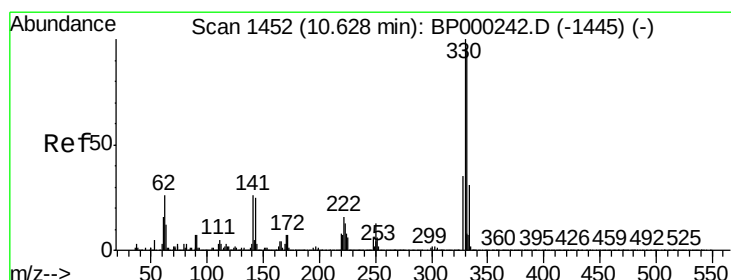
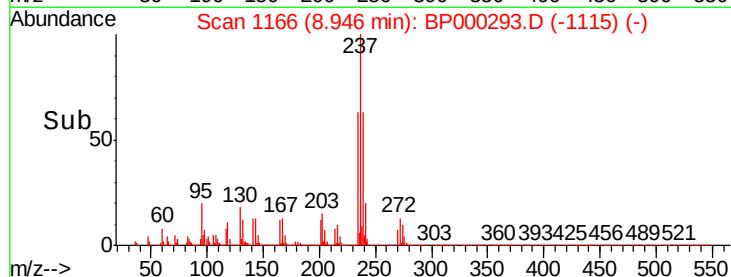
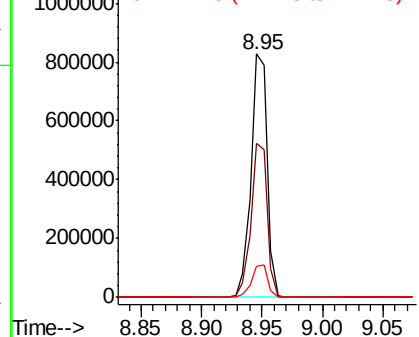
Tot Ion:	237	Resp:	776816
Ion Ratio	Lower	Upper	
237	100		
235	63.3	43.5	83.5
272	12.9	0.0	33.0

Manual Integrations
APPROVED

mohammad
9/19/2019 4:43:31 PM

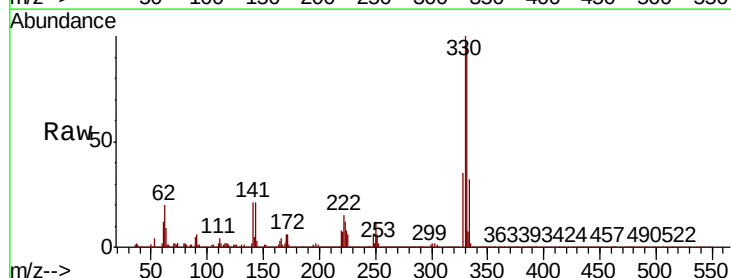


Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E

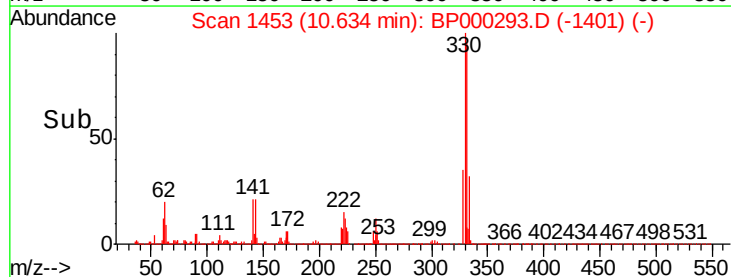
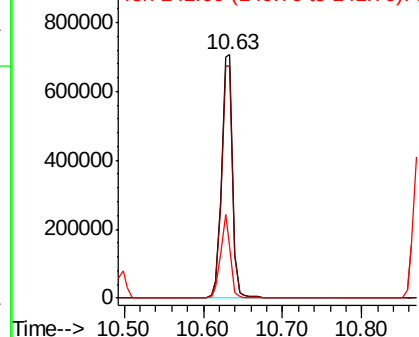


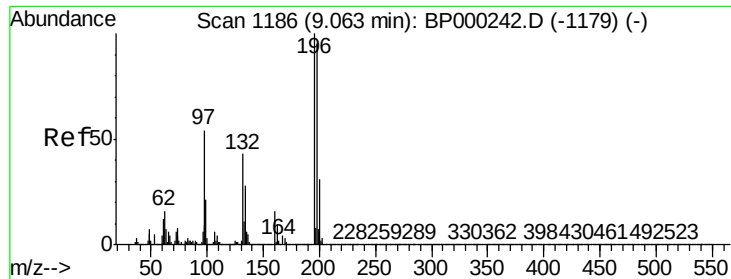
#42
2,4,6-Tribromophenol
Concen: 118.988 ng
RT: 10.63 min Scan# 1453
Delta R.T. 0.01 min
Lab File: BP000293.D
Acq: 18 Sep 2019 13:02

Tgt Ion:	330	Resp:	679791
Ion Ratio	Lower	Upper	
330	100		
332	95.5	76.6	115.0
141	30.4	26.5	39.7



Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E





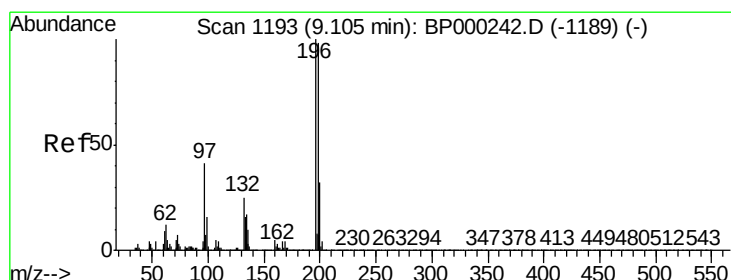
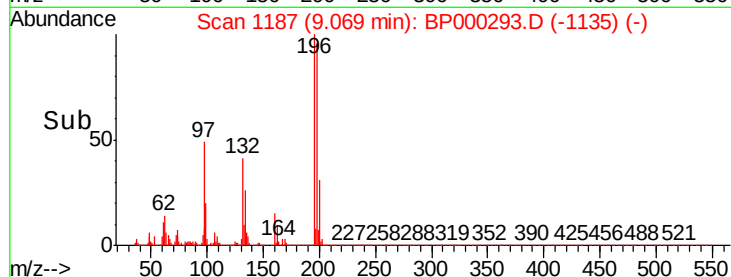
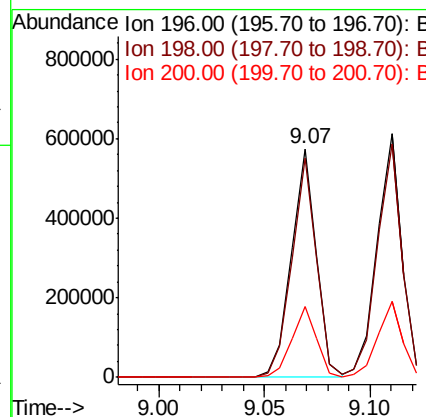
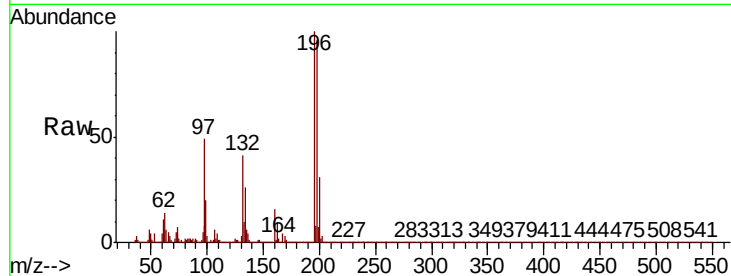
#43
2,4,6-Trichlorophenol
Concen: 41.542 ng
RT: 9.07 min Scan# 1187
Delta R.T. 0.01 min
Lab File: BP000293.D
Acq: 18 Sep 2019 13:02

Instrument :
BNA_P
ClientSampleId :
PB123079BS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	473395		
198	95.7	76.0	114.0	
200	30.9	24.6	37.0	

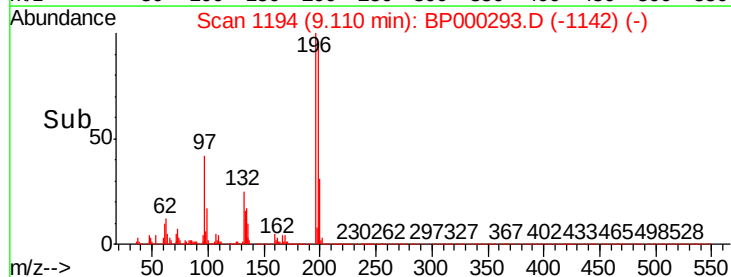
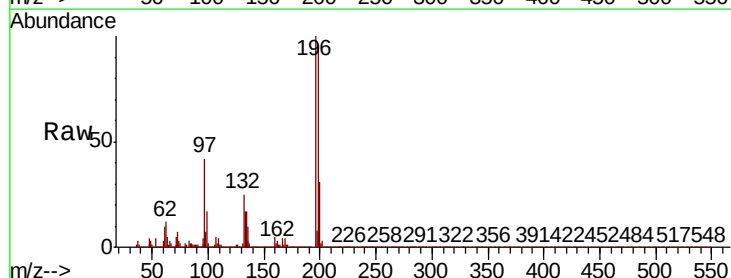
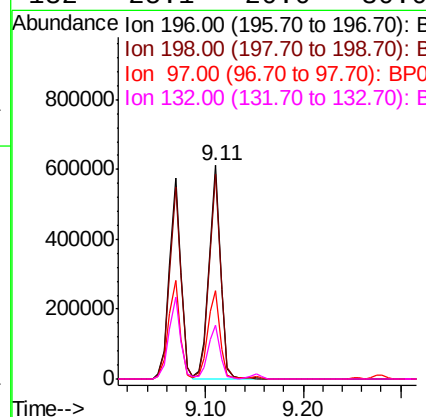
Manual Integrations
APPROVED

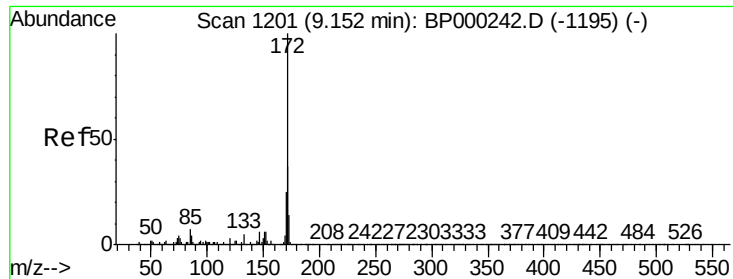
mohammad
9/19/2019 4:43:31 PM



#44
2,4,5-Trichlorophenol
Concen: 43.601 ng
RT: 9.11 min Scan# 1194
Delta R.T. 0.01 min
Lab File: BP000293.D
Acq: 18 Sep 2019 13:02

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	508771		
198	95.7	78.1	117.1	
97	41.6	33.3	49.9	
132	25.1	20.0	30.0	





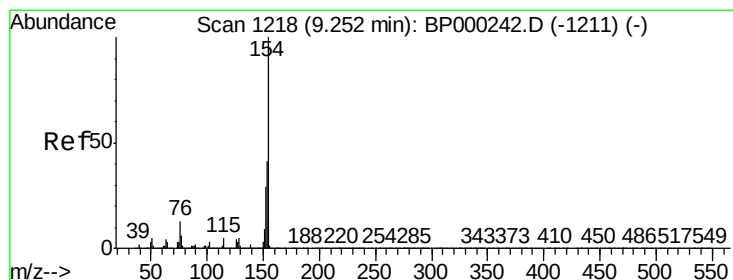
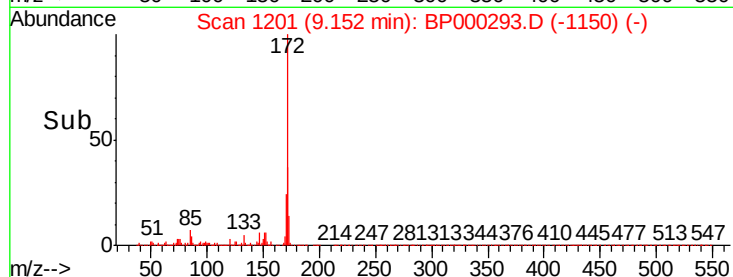
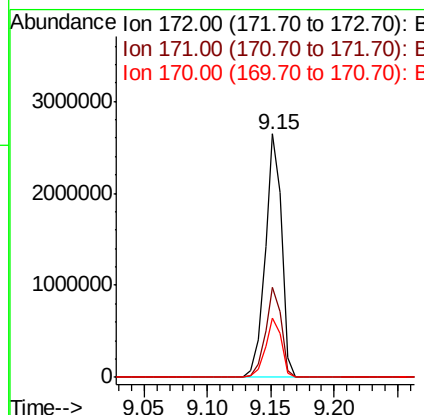
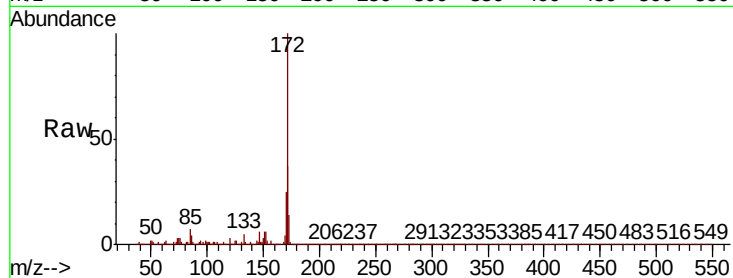
#45
2-Fluorobiphenyl
Concen: 74.779 ng
RT: 9.15 min Scan# 1201
Delta R.T. -0.00 min
Lab File: BP000293.D
Acq: 18 Sep 2019 13:02

Instrument :
BNA_P
ClientSampleId :
PB123079BS

Tot Ion	Ratio	Lower	Upper
172	100		
171	36.7	29.8	44.6
170	24.5	19.8	29.6

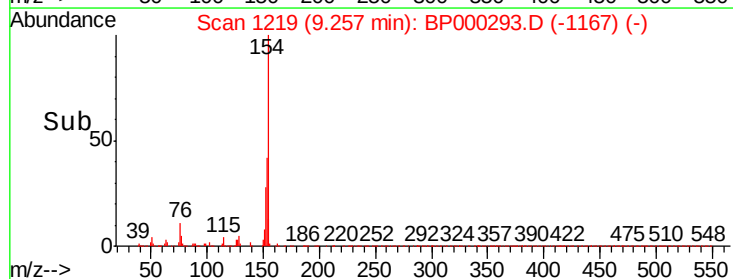
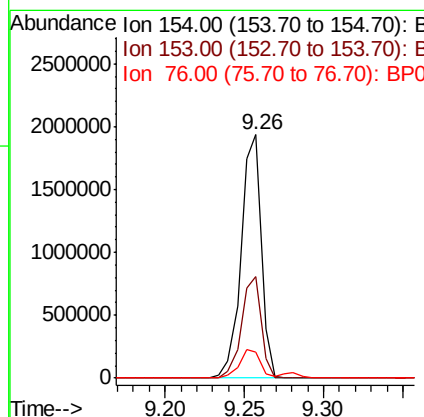
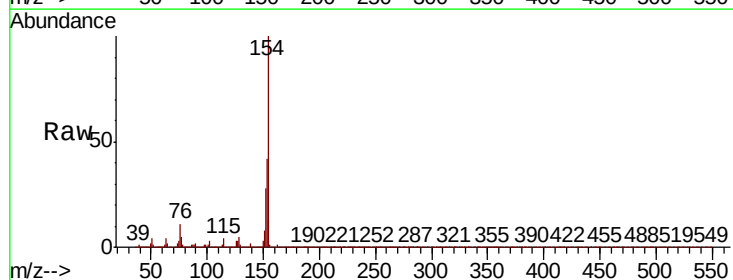
Manual Integrations
APPROVED

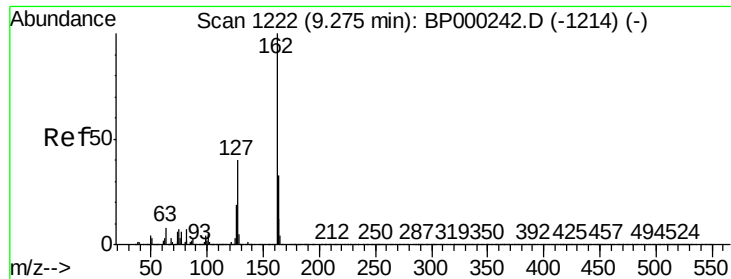
mohammad
9/19/2019 4:43:31 PM



#46
1,1'-Biphenyl
Concen: 42.688 ng
RT: 9.26 min Scan# 1219
Delta R.T. 0.01 min
Lab File: BP000293.D
Acq: 18 Sep 2019 13:02

Tgt Ion	Ratio	Lower	Upper
154	100		
153	41.6	21.4	61.4
76	10.7	0.0	33.4





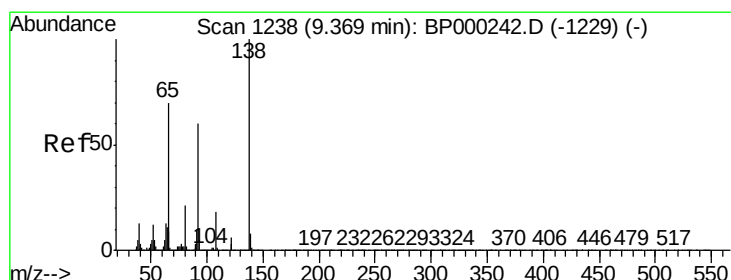
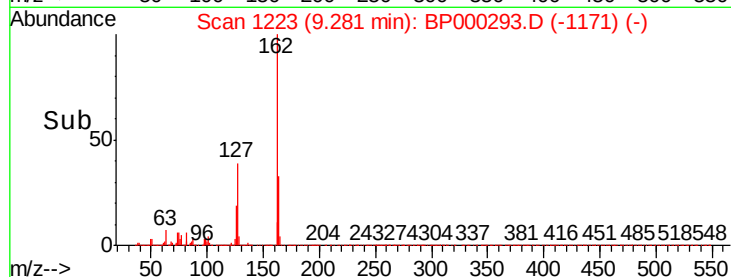
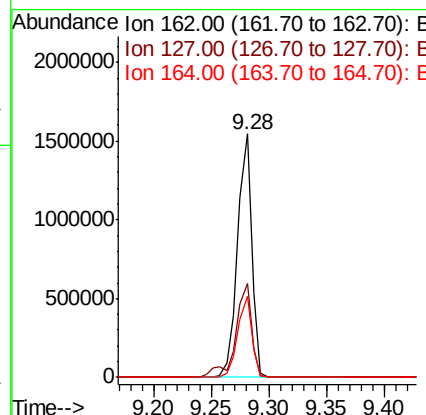
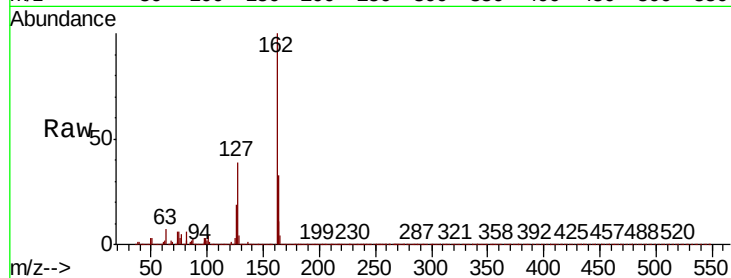
#47
2-Chloronaphthalene
Concen: 39.519 ng
RT: 9.28 min Scan# 1223
Delta R.T. 0.01 min
Lab File: BP000293.D
Acq: 18 Sep 2019 13:02

Instrument :
BNA_P
ClientSampleId :
PB123079BS

Tot Ion	Ratio	Lower	Upper
162	100		
127	38.8	32.4	48.6
164	33.3	26.3	39.5

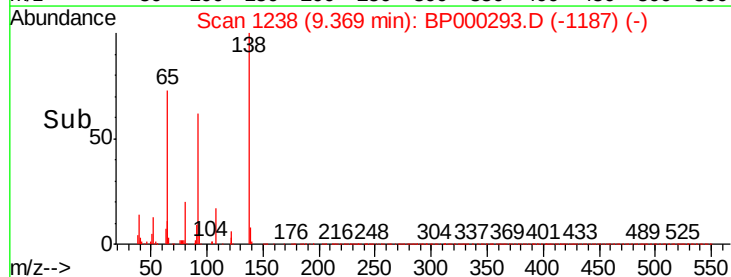
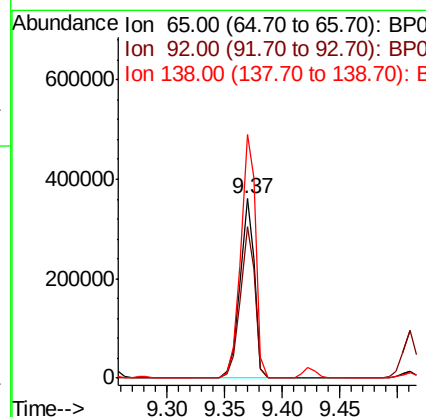
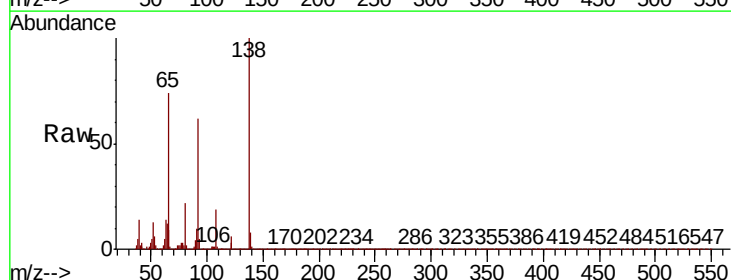
Manual Integrations
APPROVED

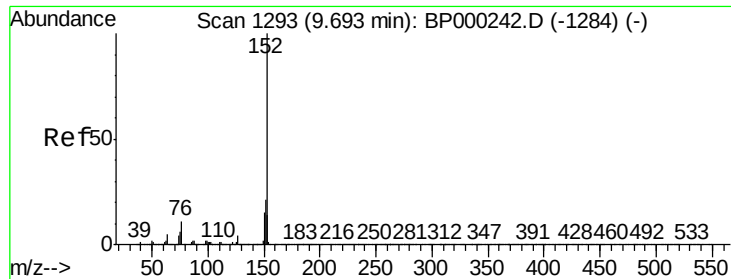
mohammad
9/19/2019 4:43:31 PM



#48
2-Nitroaniline
Concen: 36.713 ng
RT: 9.37 min Scan# 1238
Delta R.T. -0.00 min
Lab File: BP000293.D
Acq: 18 Sep 2019 13:02

Tgt Ion	Ratio	Lower	Upper
65	100		
92	84.2	68.7	103.1
138	135.6	114.4	171.6





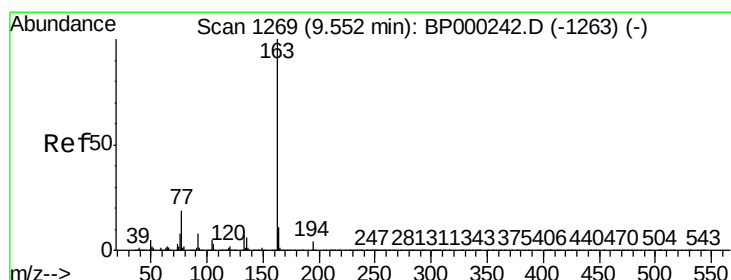
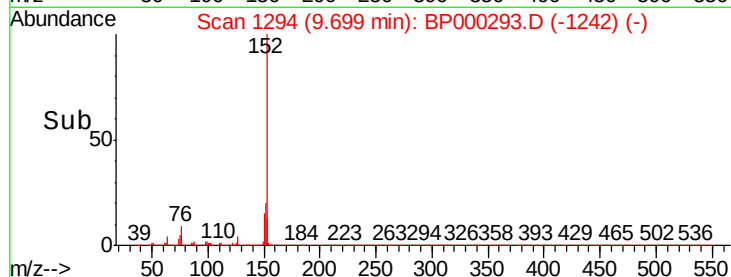
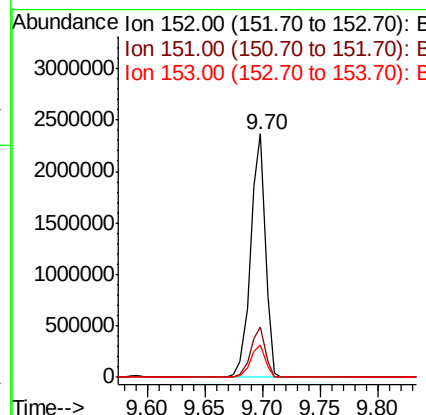
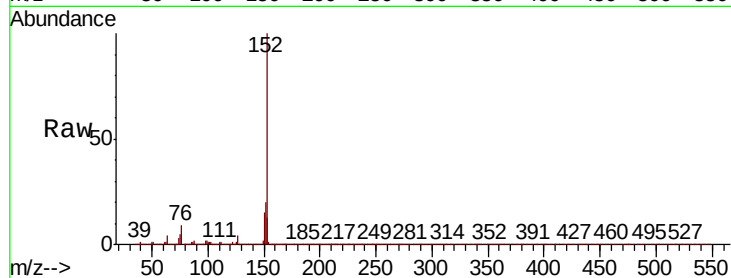
#49
Acenaphthylene
Concen: 41.516 ng
RT: 9.70 min Scan# 1294
Delta R.T. 0.01 min
Lab File: BP000293.D
Acq: 18 Sep 2019 13:02

Instrument :
BNA_P
ClientSampleId :
PB123079BS

Tot Ion	Ratio	Lower	Upper
152	100		
151	20.5	16.4	24.6
153	13.3	11.0	16.4

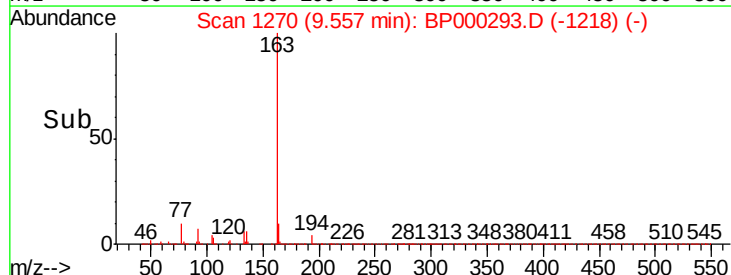
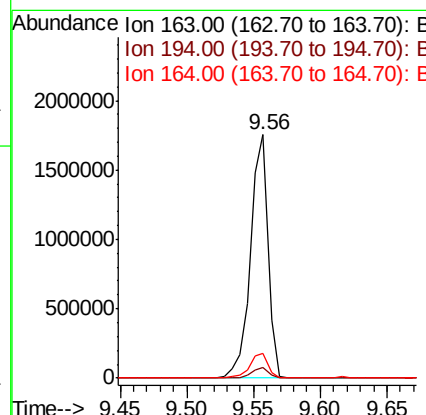
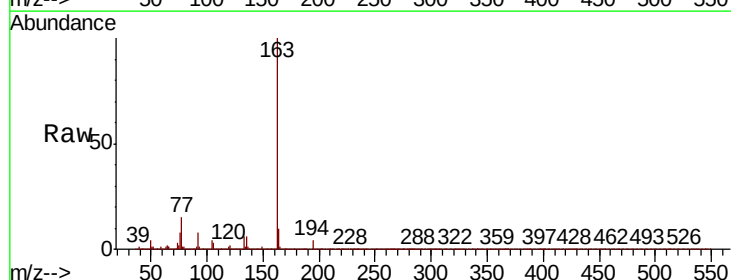
Manual Integrations
APPROVED

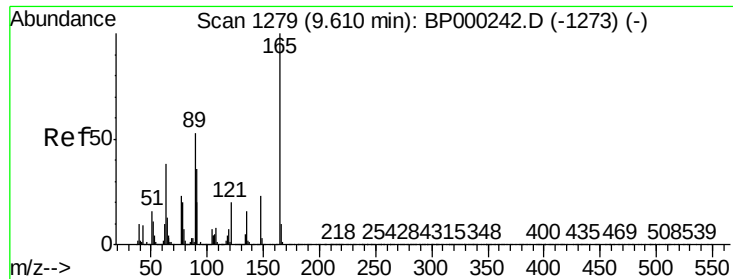
mohammad
9/19/2019 4:43:31 PM



#50
Dimethylphthalate
Concen: 40.288 ng
RT: 9.56 min Scan# 1270
Delta R.T. 0.01 min
Lab File: BP000293.D
Acq: 18 Sep 2019 13:02

Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.5	3.4	5.0
164	10.1	8.5	12.7





#51

2,6-Dinitrotoluene

Concen: 41.947 ng

RT: 9.62 min Scan# 1280

Delta R.T. 0.01 min

Lab File: BP000293.D

Acq: 18 Sep 2019 13:02

Instrument :

BNA_P

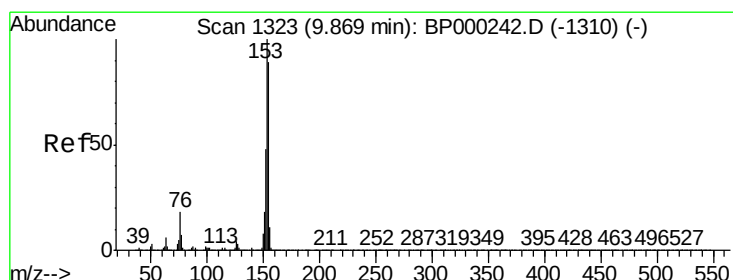
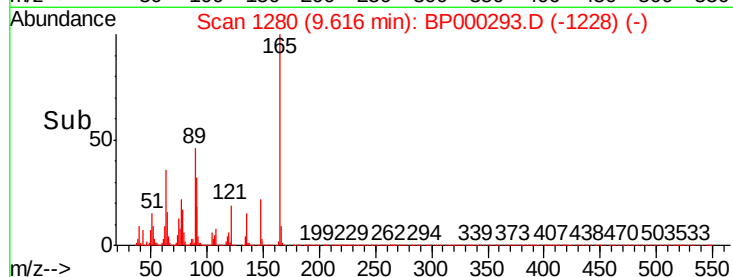
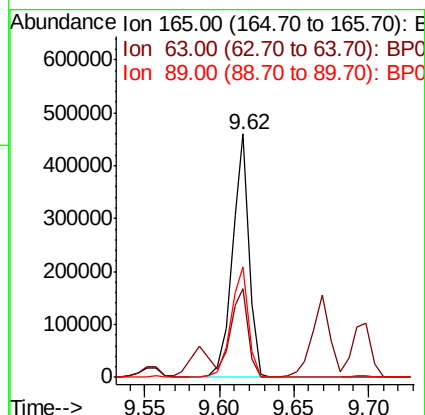
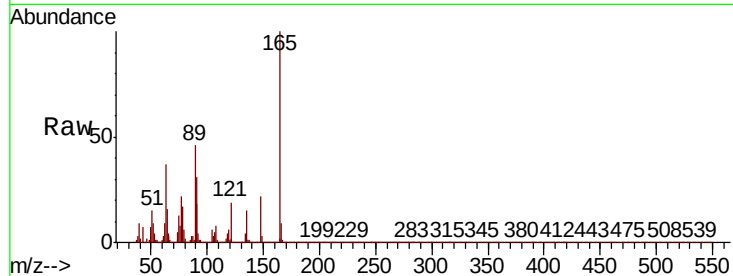
ClientSampleId :

PB123079BS

Tot Ion:	165	Resp:	361952
Ion Ratio	Lower	Upper	
165	100		
63	36.5	35.8	53.8
89	45.5	42.6	63.8

Manual Integrations
APPROVED

mohammad
9/19/2019 4:43:31 PM



#52

Acenaphthene

Concen: 39.001 ng

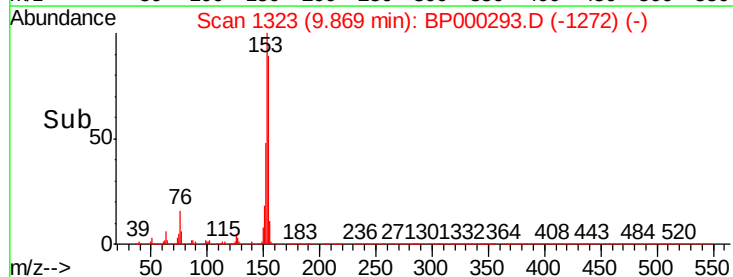
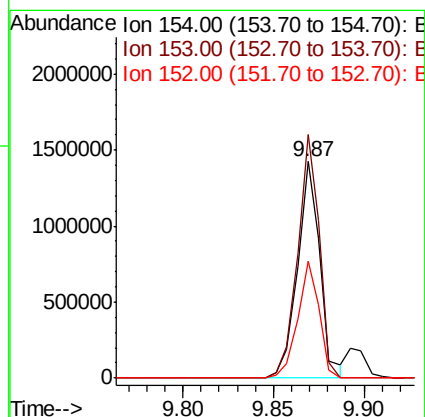
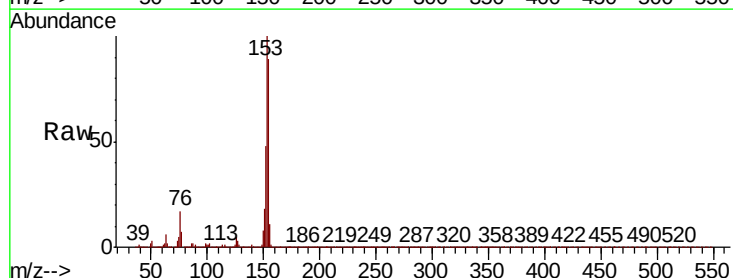
RT: 9.87 min Scan# 1323

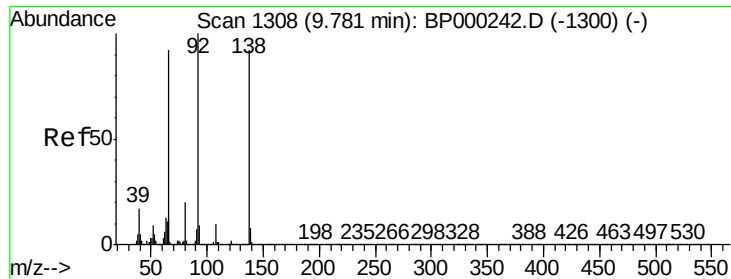
Delta R.T. -0.00 min

Lab File: BP000293.D

Acq: 18 Sep 2019 13:02

Tgt Ion:	154	Resp:	1236607
Ion Ratio	Lower	Upper	
154	100		
153	112.4	89.8	134.6
152	54.0	43.4	65.0





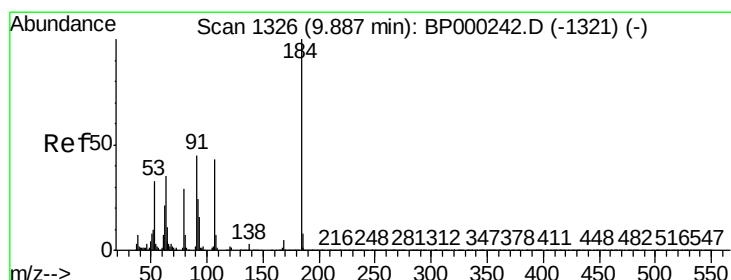
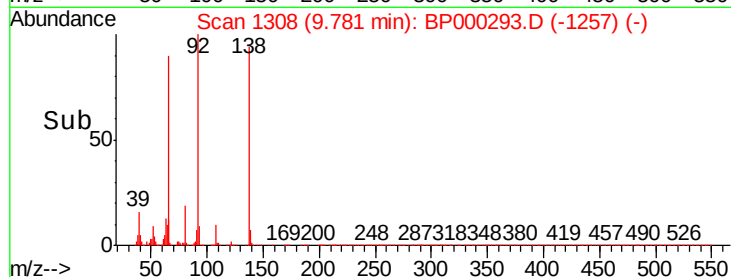
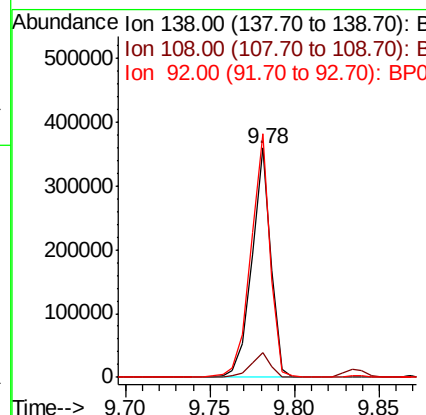
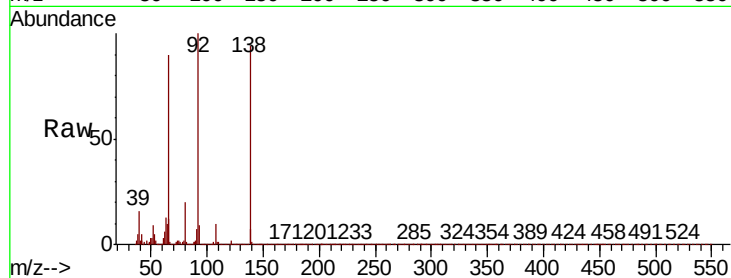
#53
3-Nitroaniline
Concen: 28.321 ng
RT: 9.78 min Scan# 1308
Delta R.T. -0.00 min
Lab File: BP000293.D
Acq: 18 Sep 2019 13:02

Instrument :
BNA_P
ClientSampleId :
PB123079BS

Tot Ion	Ratio	Lower	Upper
138	100		
108	10.8	9.1	13.7
92	106.3	86.7	130.1

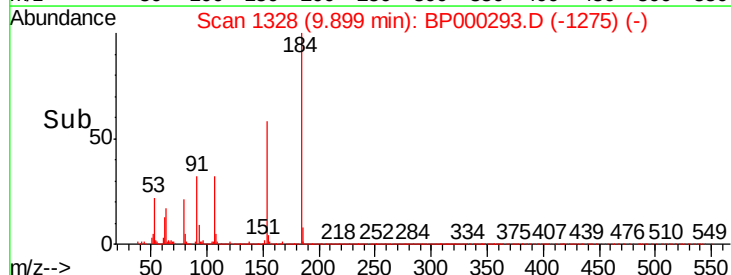
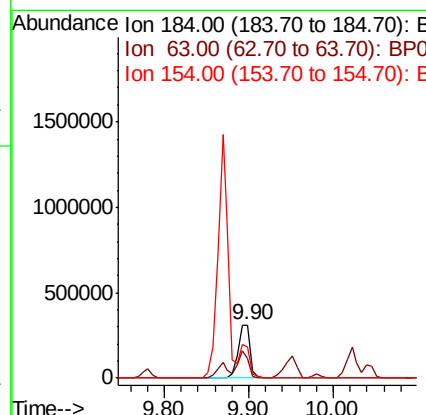
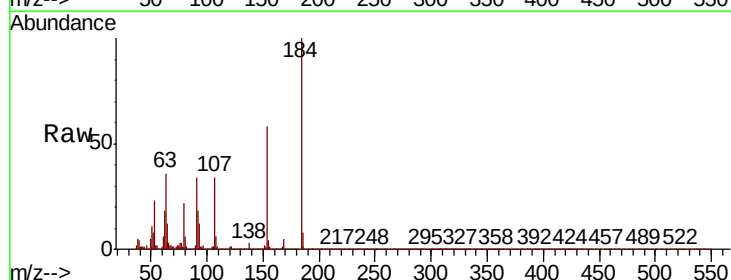
Manual Integrations
APPROVED

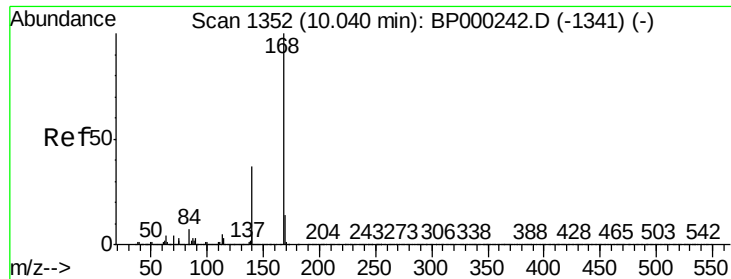
mohammad
9/19/2019 4:43:31 PM



#54
2,4-Dinitrophenol
Concen: 79.681 ng
RT: 9.90 min Scan# 1328
Delta R.T. 0.01 min
Lab File: BP000293.D
Acq: 18 Sep 2019 13:02

Tgt Ion	Ratio	Lower	Upper
184	100		
63	35.9	39.5	59.3#
154	58.1	48.8	73.2





#55

Dibenzofuran

Concen: 41.869 ng

RT: 10.05 min Scan# 1353

Delta R.T. 0.01 min

Lab File: BP000293.D

Acq: 18 Sep 2019 13:02

Instrument :

BNA_P

ClientSampleId :

PB123079BS

Tot Ion:168 Resp: 1876677

Ion Ratio Lower Upper

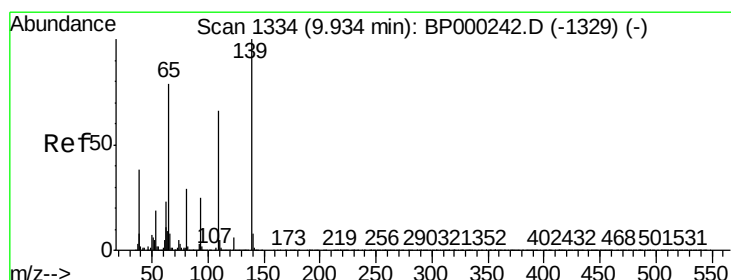
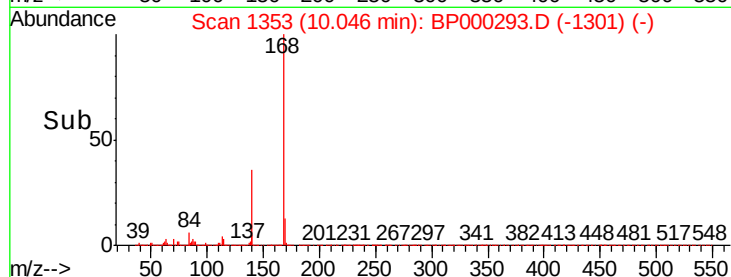
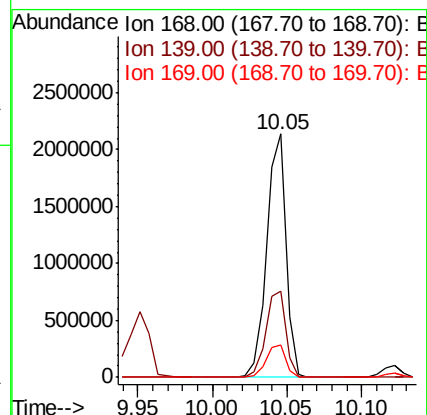
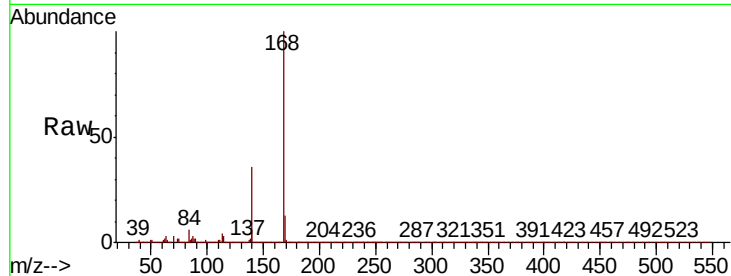
168 100

139 35.7 30.0 45.0

169 13.4 11.0 16.6

Manual Integrations
APPROVED

mohammad
9/19/2019 4:43:31 PM



#56

4-Nitrophenol

Concen: 77.511 ng

RT: 9.95 min Scan# 1337

Delta R.T. 0.02 min

Lab File: BP000293.D

Acq: 18 Sep 2019 13:02

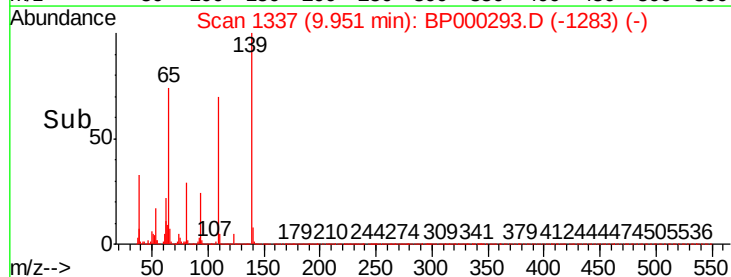
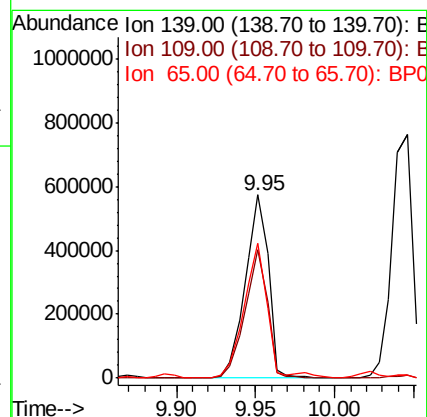
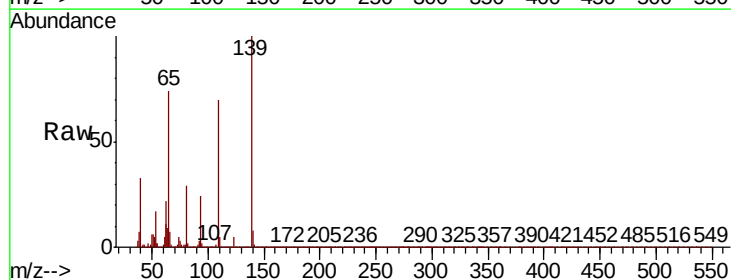
Tgt Ion:139 Resp: 577404

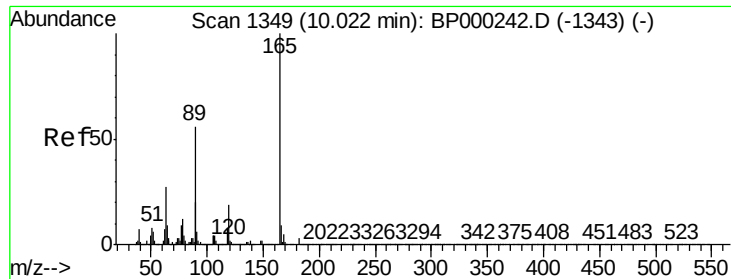
Ion Ratio Lower Upper

139 100

109 69.9 46.2 86.2

65 73.8 59.4 99.4





#57

2,4-Dinitrotoluene

Concen: 41.628 ng

RT: 10.02 min Scan# 1349

Delta R.T. -0.00 min

Lab File: BP000293.D

Acq: 18 Sep 2019 13:02

Instrument :

BNA_P

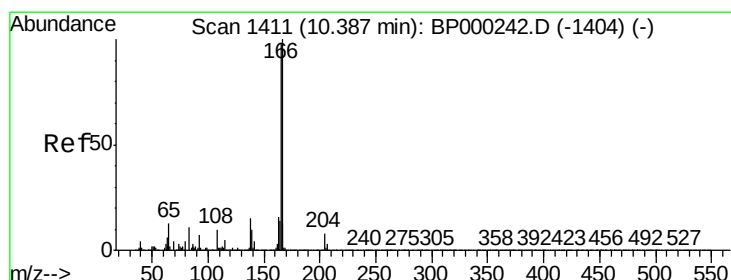
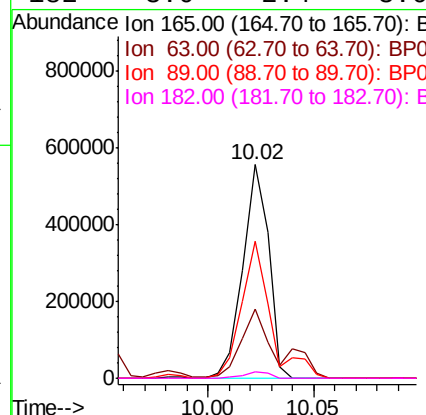
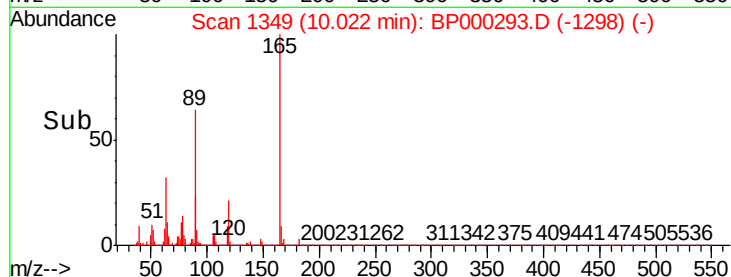
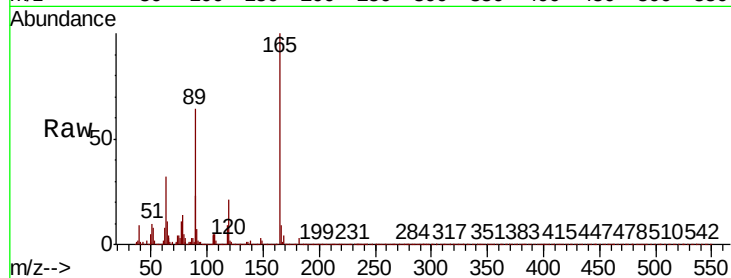
ClientSampleId :

PB123079BS

Tot Ion:	165	Resp:	469581
Ion Ratio	Lower	Upper	
165	100		
63	32.2	21.7	32.5
89	64.1	45.0	67.6
182	3.0	2.4	3.6

Manual Integrations
APPROVED

mohammad
9/19/2019 4:43:31 PM



#58

Fluorene

Concen: 41.340 ng

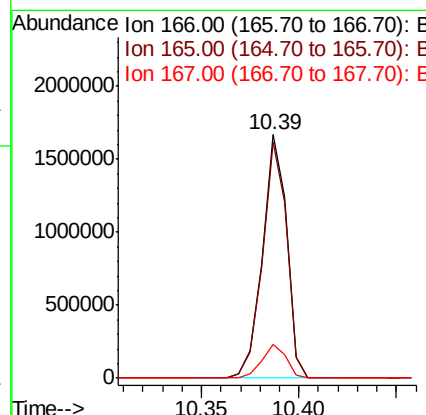
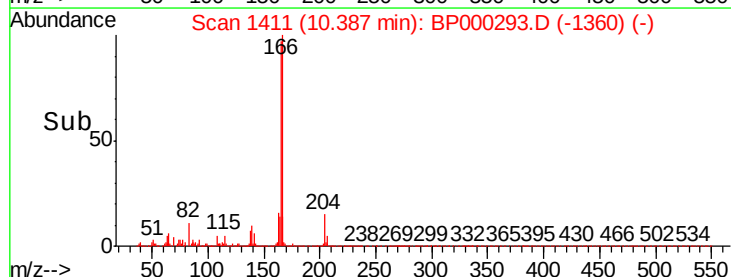
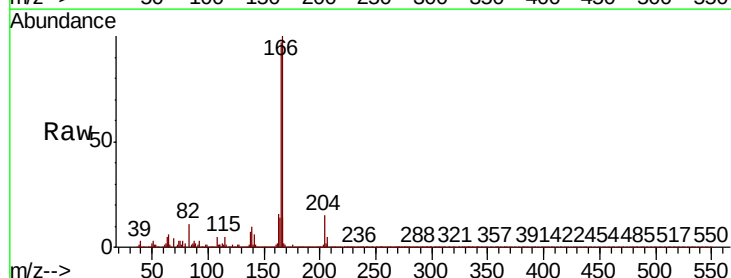
RT: 10.39 min Scan# 1411

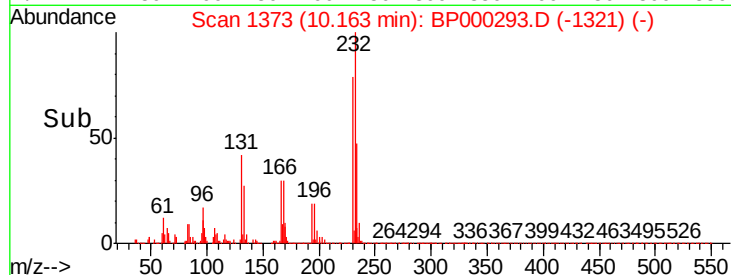
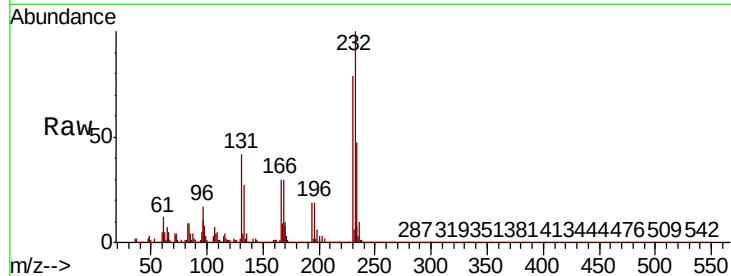
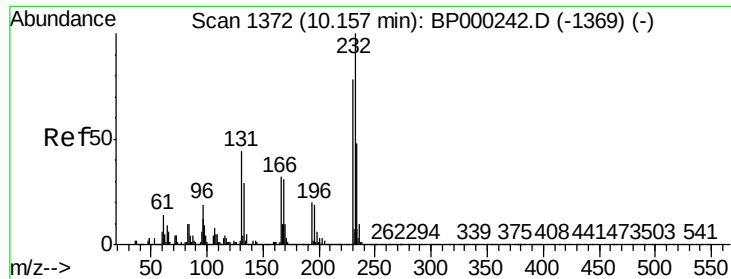
Delta R.T. -0.00 min

Lab File: BP000293.D

Acq: 18 Sep 2019 13:02

Tgt Ion:	166	Resp:	1431201
Ion Ratio	Lower	Upper	
166	100		
165	96.9	78.2	117.2
167	13.7	10.7	16.1





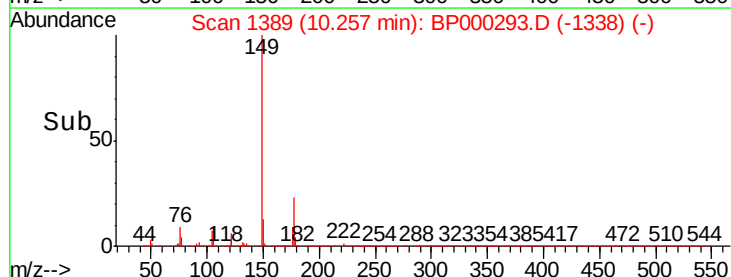
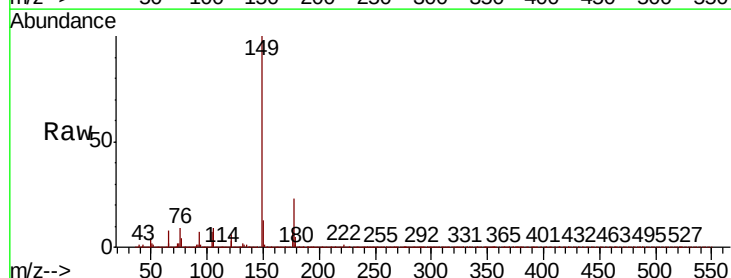
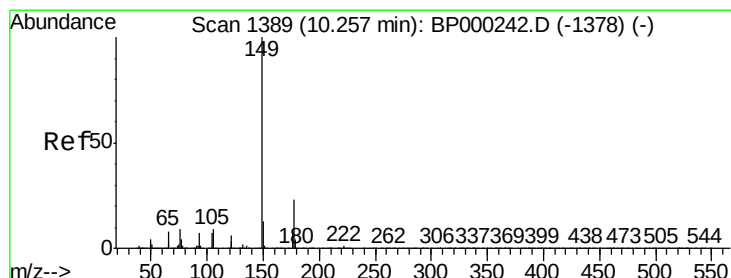
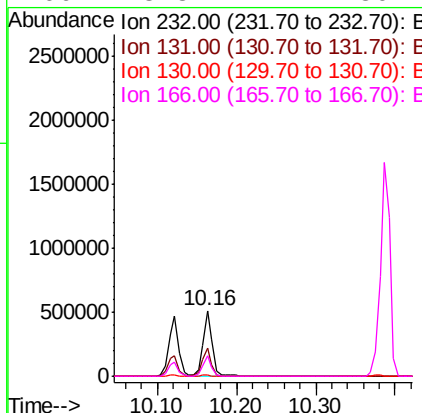
#59
2,3,4,6-Tetrachlorophenol
Concen: 44.731 ng
RT: 10.16 min Scan# 1373
Delta R.T. 0.01 min
Lab File: BP000293.D
Acq: 18 Sep 2019 13:02

Instrument :
BNA_P
ClientSampleId :
PB123079BS

Tot Ion	Ratio	Resp	Lower	Upper
232	100	429490		
131	40.2	33.6	50.4	
130	2.1	1.8	2.6	
166	28.8	24.2	36.2	

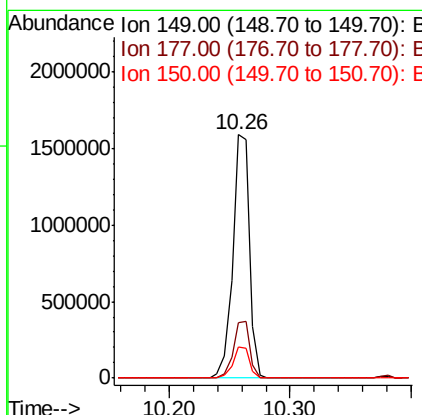
Manual Integrations
APPROVED

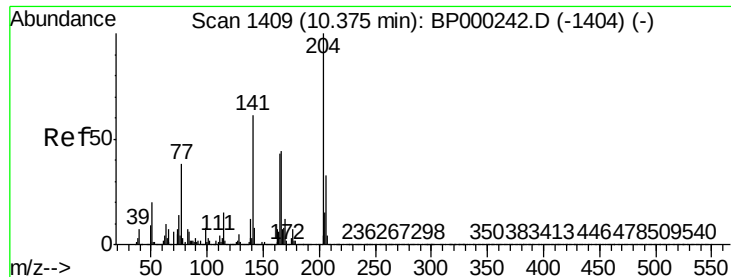
mohammad
9/19/2019 4:43:31 PM



#60
Diethylphthalate
Concen: 40.413 ng
RT: 10.26 min Scan# 1389
Delta R.T. -0.00 min
Lab File: BP000293.D
Acq: 18 Sep 2019 13:02

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	1525622		
177	22.6	18.1	27.1	
150	12.9	10.3	15.5	





#61

4-Chlorophenyl-phenylether

Concen: 42.820 ng

RT: 10.38 min Scan# 1410

Delta R.T. 0.01 min

Lab File: BP000293.D

Acq: 18 Sep 2019 13:02

Instrument :

BNA_P

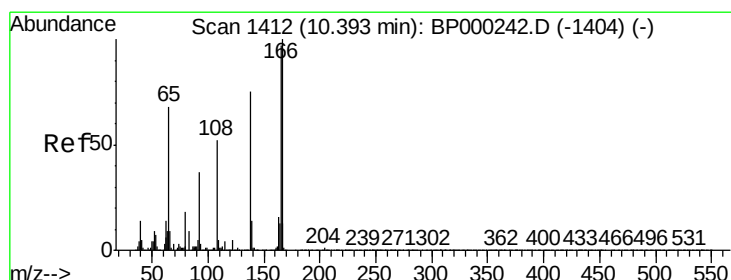
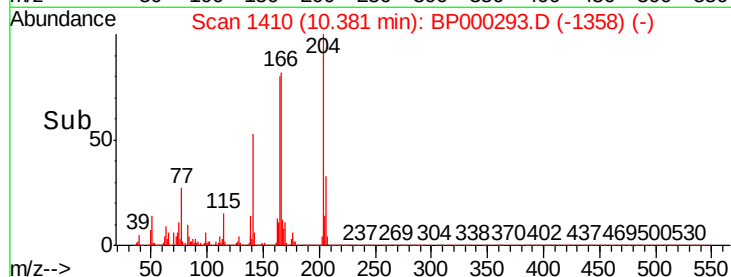
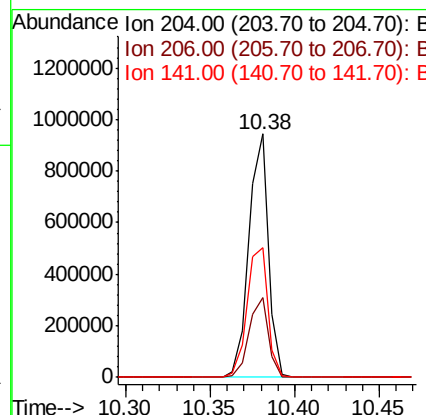
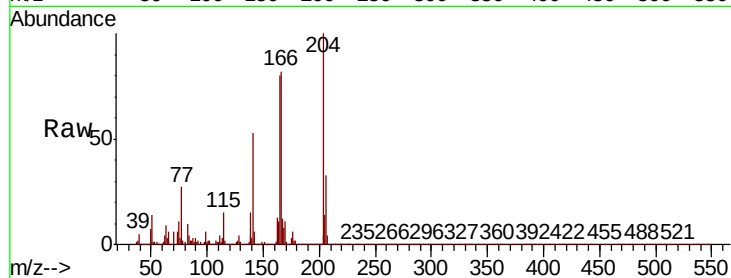
ClientSampleId :

PB123079BS

Tot Ion:	204	Resp:	760959
Ion Ratio	Lower	Upper	
204	100		
206	32.7	26.3	39.5
141	53.0	48.6	72.8

Manual Integrations
APPROVED

mohammad
9/19/2019 4:43:31 PM



#62

4-Nitroaniline

Concen: 38.641 ng

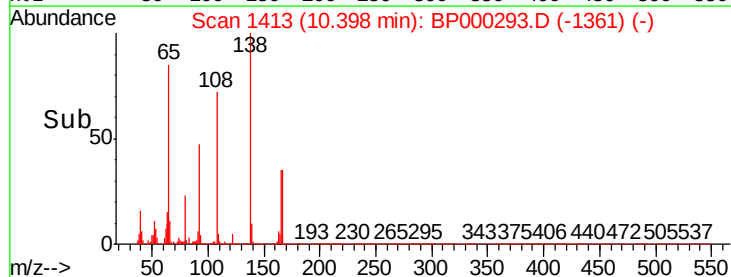
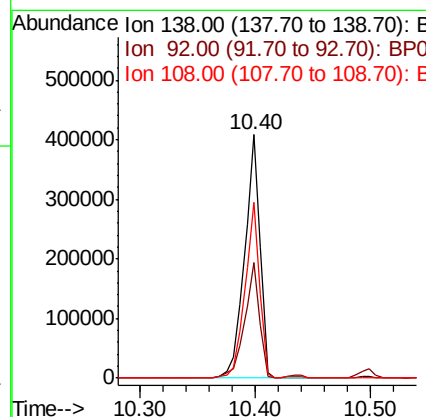
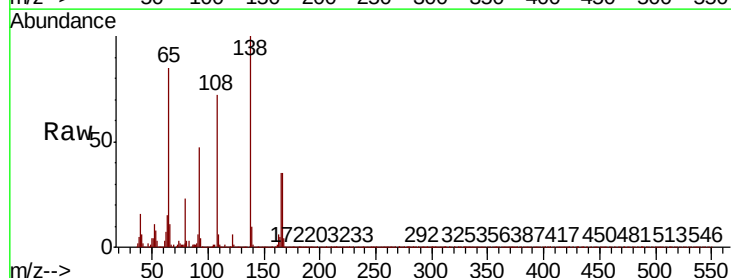
RT: 10.40 min Scan# 1413

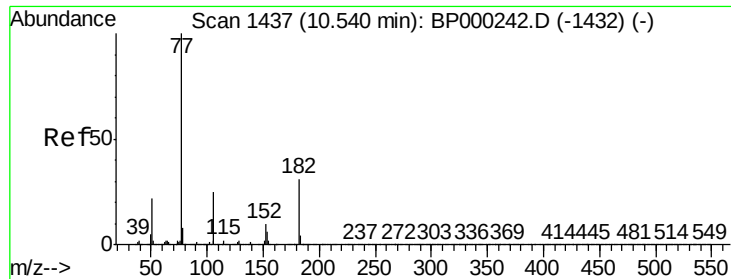
Delta R.T. 0.01 min

Lab File: BP000293.D

Acq: 18 Sep 2019 13:02

Tgt Ion:	138	Resp:	380662
Ion Ratio	Lower	Upper	
138	100		
92	47.3	30.1	70.1
108	72.4	49.5	89.5





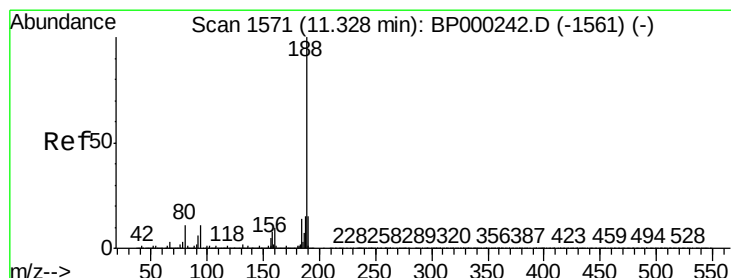
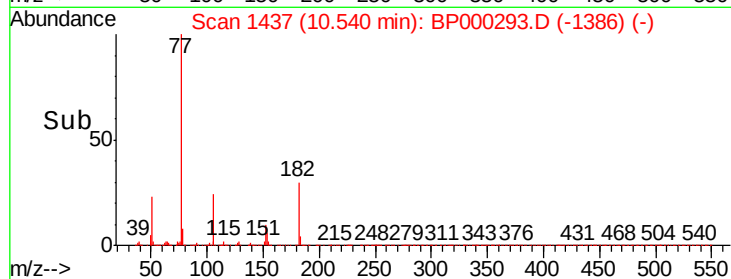
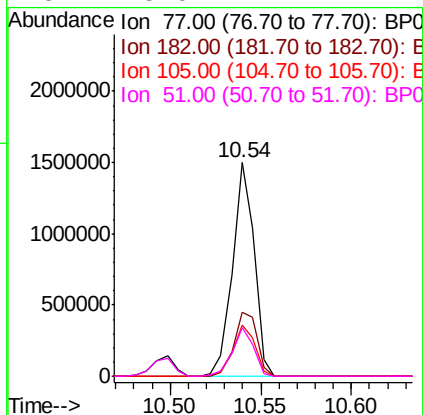
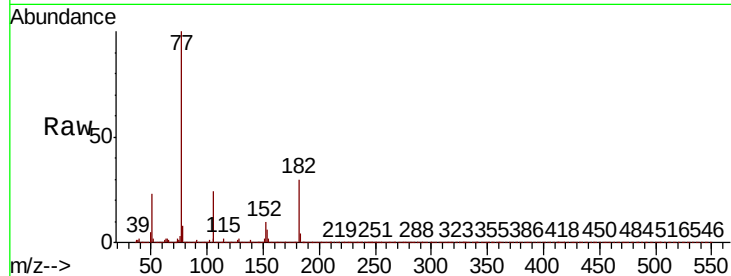
#63
Azobenzene
Concen: 38.980 ng
RT: 10.54 min Scan# 1437
Delta R.T. -0.00 min
Lab File: BP000293.D
Acq: 18 Sep 2019 13:02

Instrument :
BNA_P
ClientSampleId :
PB123079BS

Tot Ion	Ratio	Lower	Upper
77	100		
182	29.9	11.1	51.1
105	24.0	4.7	44.7
51	23.0	2.2	42.2

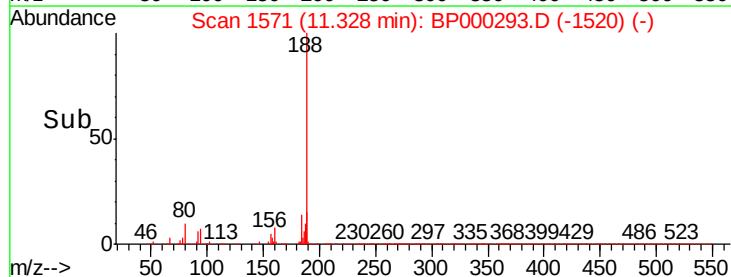
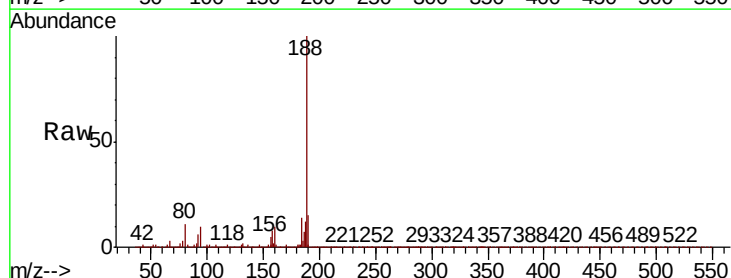
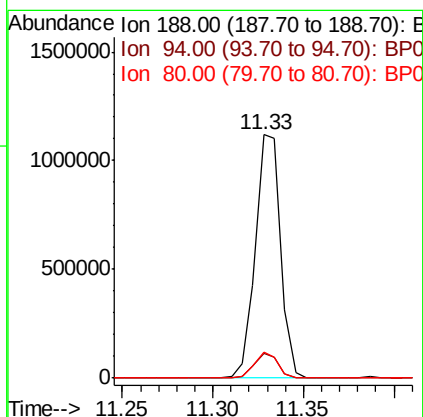
Manual Integrations
APPROVED

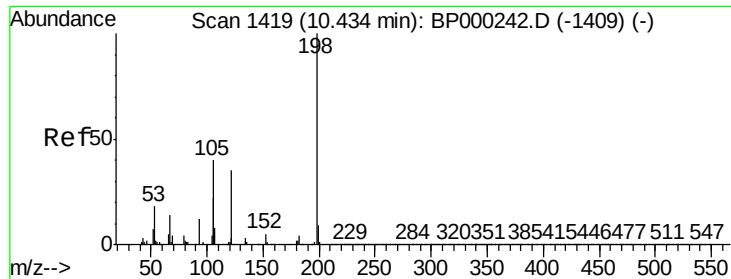
mohammad
9/19/2019 4:43:31 PM



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.33 min Scan# 1571
Delta R.T. -0.00 min
Lab File: BP000293.D
Acq: 18 Sep 2019 13:02

Tgt Ion	Ratio	Lower	Upper
188	100		
94	10.2	8.5	12.7
80	10.6	8.6	13.0





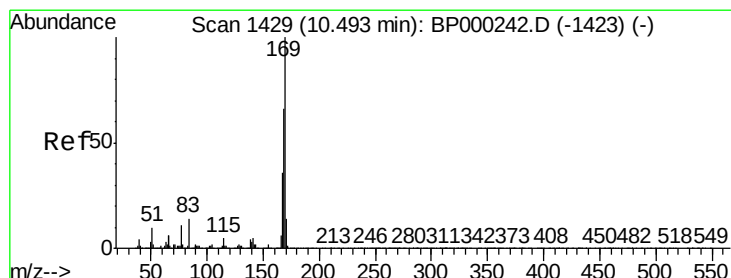
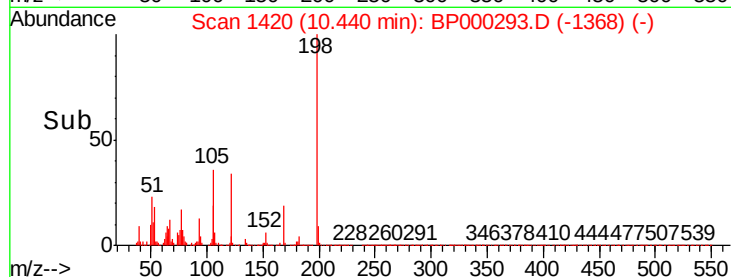
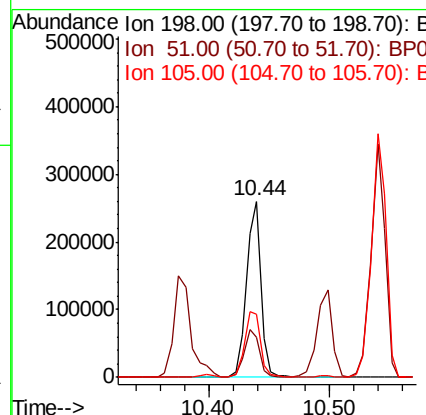
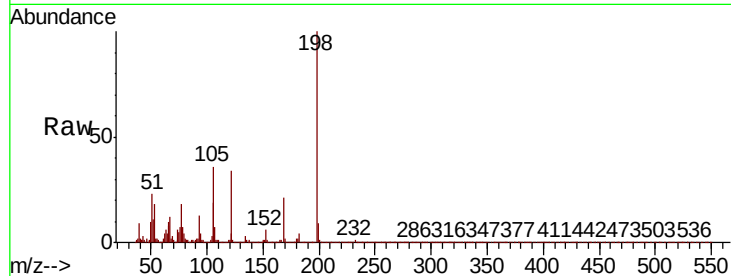
#65
4,6-Dinitro-2-methylphenol
Concen: 43.020 ng
RT: 10.44 min Scan# 1420
Delta R.T. 0.01 min
Lab File: BP000293.D
Acq: 18 Sep 2019 13:02

Instrument :
BNA_P
ClientSampleId :
PB123079BS

Tot Ion	Ratio	Resp	Lower	Upper
198	100	219168		
51	22.9		7.4	47.4
105	35.9		20.2	60.2

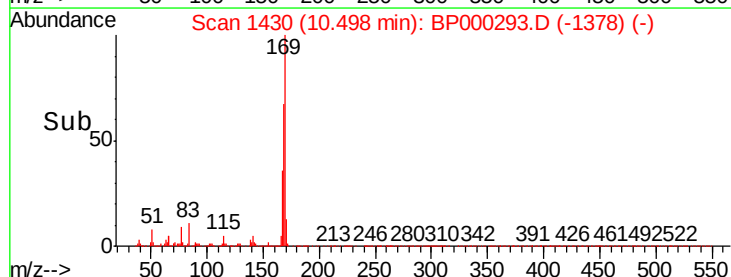
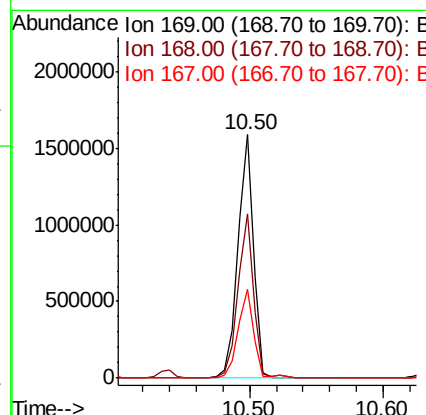
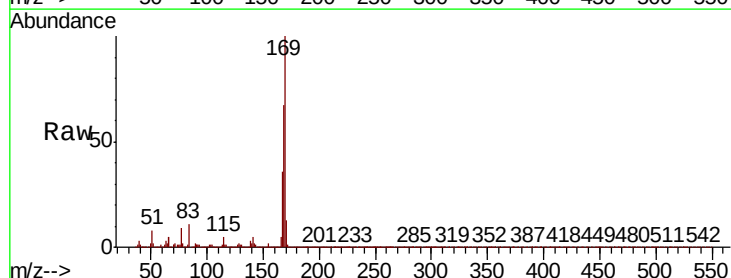
Manual Integrations
APPROVED

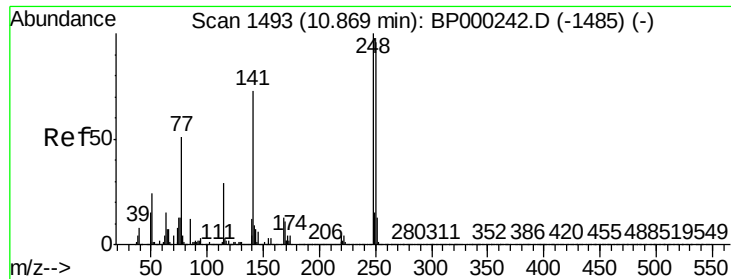
mohammad
9/19/2019 4:43:31 PM



#66
n-Nitrosodiphenylamine
Concen: 40.251 ng
RT: 10.50 min Scan# 1430
Delta R.T. 0.01 min
Lab File: BP000293.D
Acq: 18 Sep 2019 13:02

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	1312827		
168	67.3		52.9	79.3
167	36.2		29.0	43.6





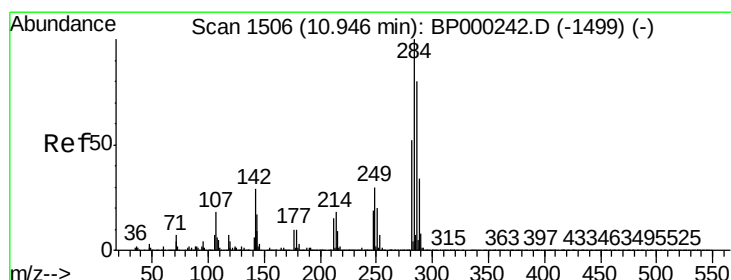
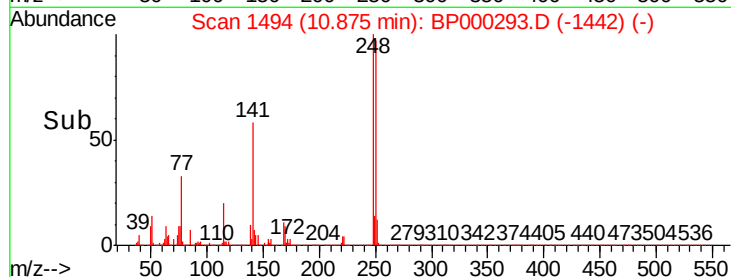
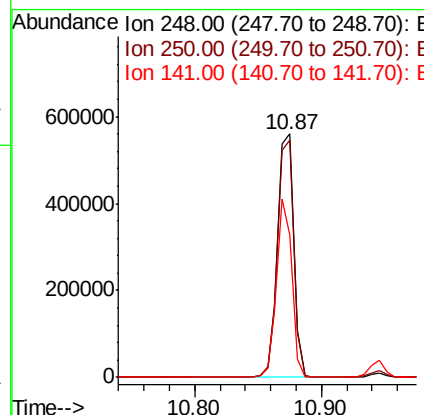
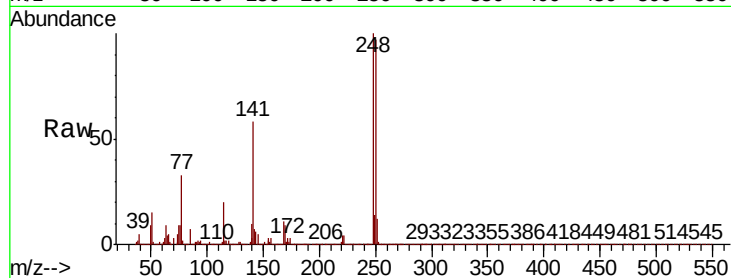
#67
4-Bromophenyl-phenylether
Concen: 40.256 ng
RT: 10.87 min Scan# 1494
Delta R.T. 0.01 min
Lab File: BP000293.D
Acq: 18 Sep 2019 13:02

Instrument :
BNA_P
ClientSampleId :
PB123079BS

Tot Ion	Ratio	Lower	Upper
248	100		
250	97.4	77.0	115.4
141	58.4	58.5	87.7#

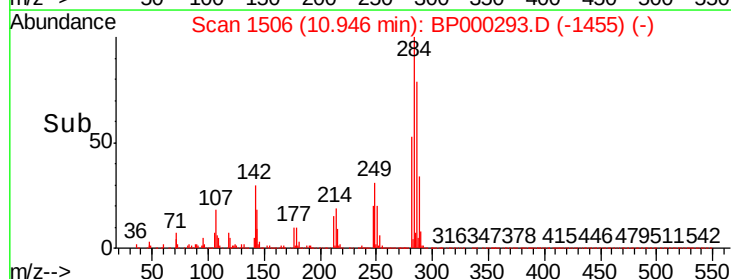
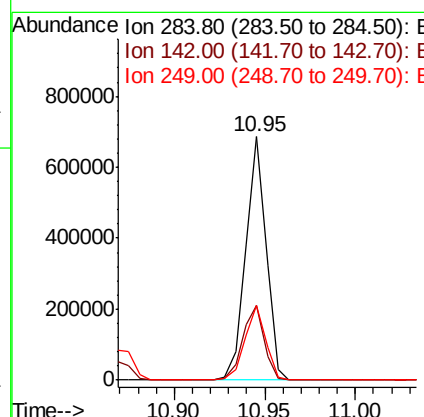
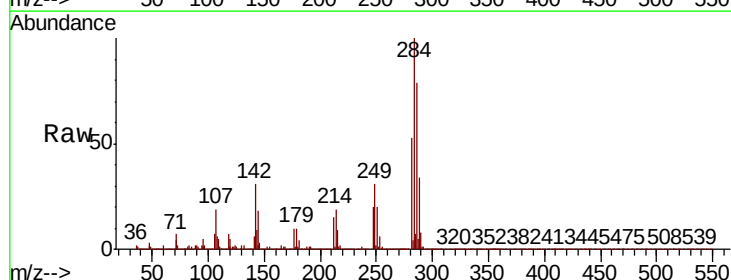
Manual Integrations
APPROVED

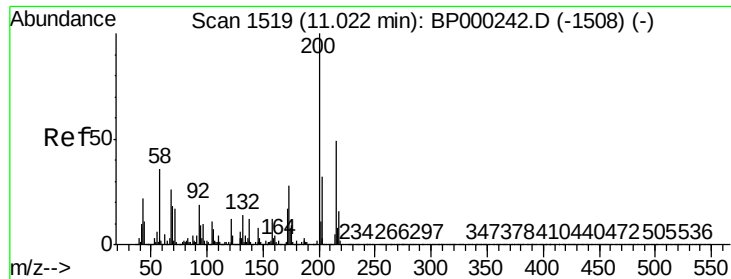
mohammad
9/19/2019 4:43:31 PM



#68
Hexachlorobenzene
Concen: 39.931 ng
RT: 10.95 min Scan# 1506
Delta R.T. -0.00 min
Lab File: BP000293.D
Acq: 18 Sep 2019 13:02

Tgt Ion	Ratio	Lower	Upper
284	100		
142	30.5	23.6	35.4
249	30.7	24.3	36.5





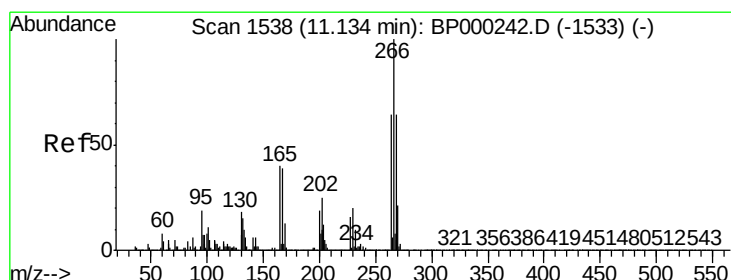
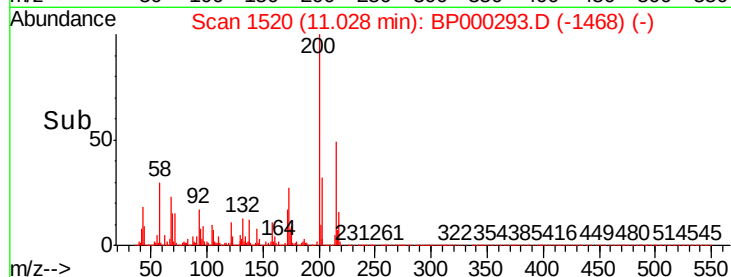
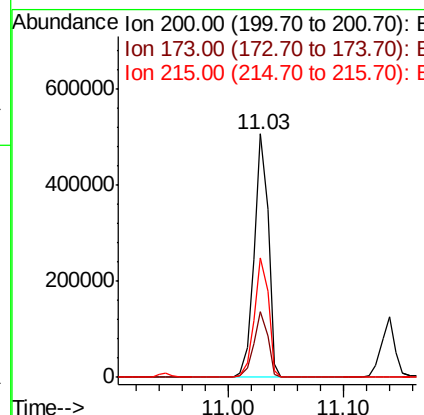
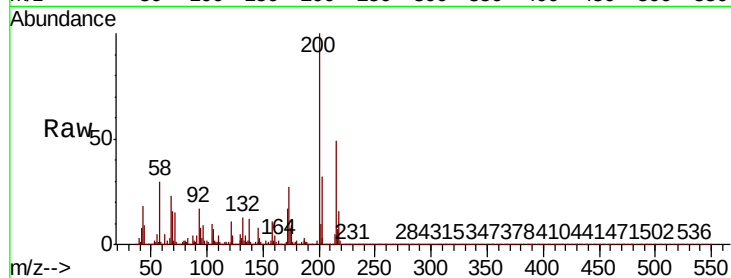
#69
Atrazine
Concen: 51.720 ng
RT: 11.03 min Scan# 1520
Delta R.T. 0.01 min
Lab File: BP000293.D
Acq: 18 Sep 2019 13:02

Instrument :
BNA_P
ClientSampleId :
PB123079BS

Tot Ion	Ratio	Lower	Upper
200	100		
173	27.1	7.6	47.6
215	48.8	28.6	68.6

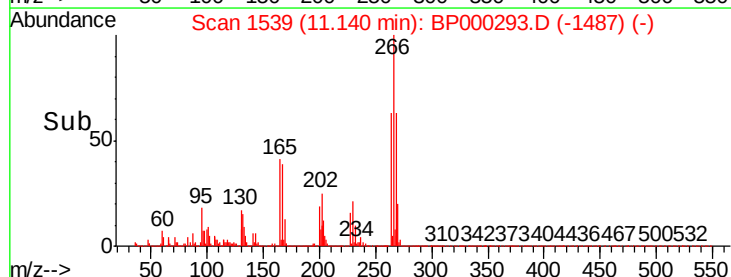
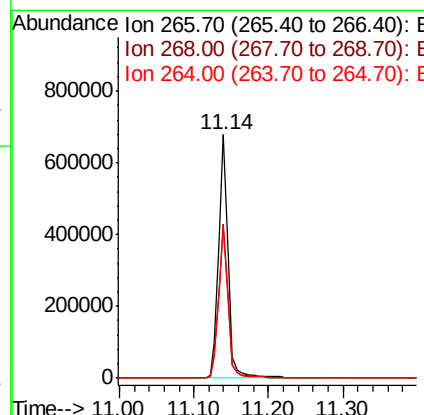
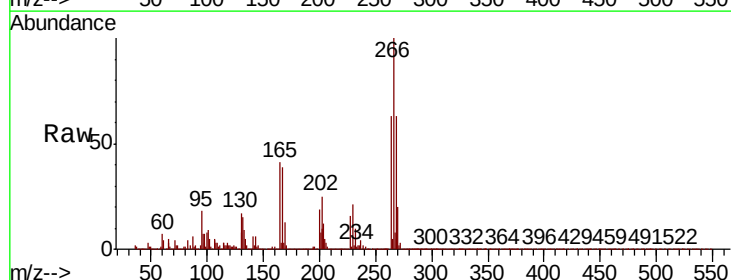
Manual Integrations
APPROVED

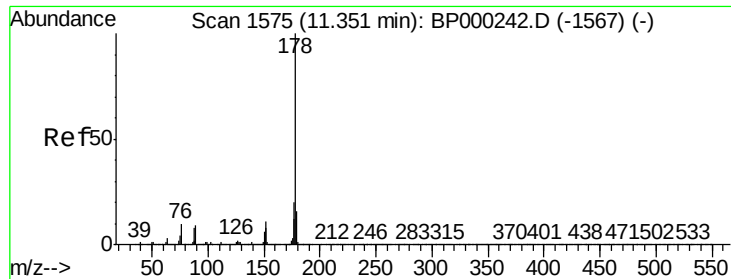
mohammad
9/19/2019 4:43:31 PM



#70
Pentachlorophenol
Concen: 82.181 ng
RT: 11.14 min Scan# 1539
Delta R.T. 0.01 min
Lab File: BP000293.D
Acq: 18 Sep 2019 13:02

Tgt Ion	Ratio	Lower	Upper
266	100		
268	63.4	51.6	77.4
264	62.9	50.8	76.2





#71

Phenanthrene

Concen: 41.178 ng

RT: 11.36 min Scan# 1576

Delta R.T. 0.01 min

Lab File: BP000293.D

Acq: 18 Sep 2019 13:02

Instrument :

BNA_P

ClientSampleId :

PB123079BS

Tot Ion:178 Resp: 2235752

Ion Ratio Lower Upper

178 100

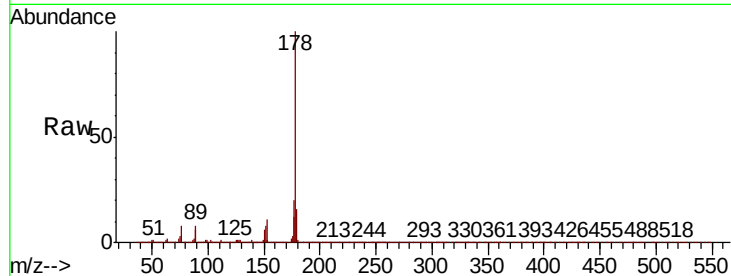
176 20.0 15.8 23.8

179 16.0 12.7 19.1

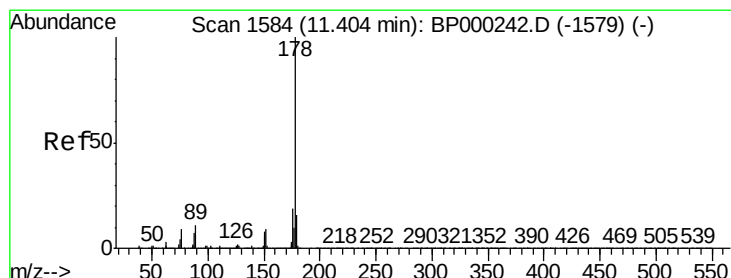
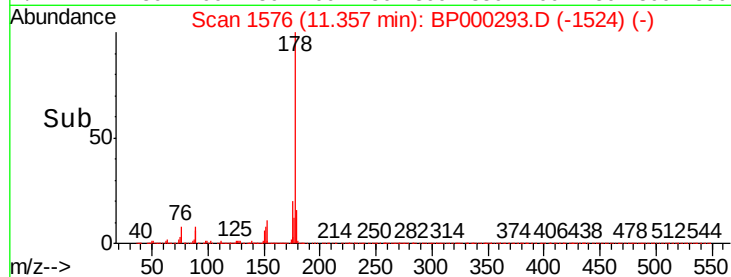
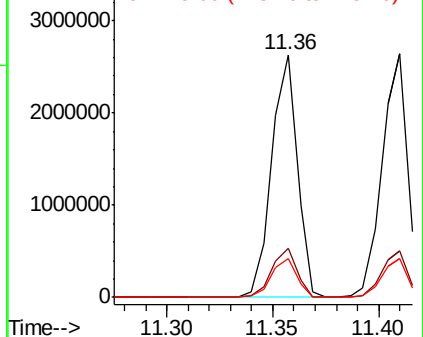
Manual Integrations
APPROVED

mohammad

9/19/2019 4:43:31 PM



Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 40.212 ng

RT: 11.41 min Scan# 1585

Delta R.T. 0.01 min

Lab File: BP000293.D

Acq: 18 Sep 2019 13:02

Tgt Ion:178 Resp: 2247345

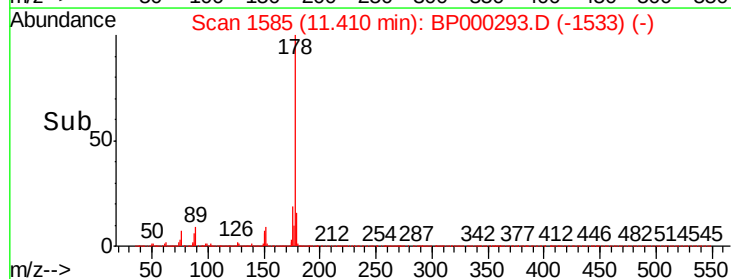
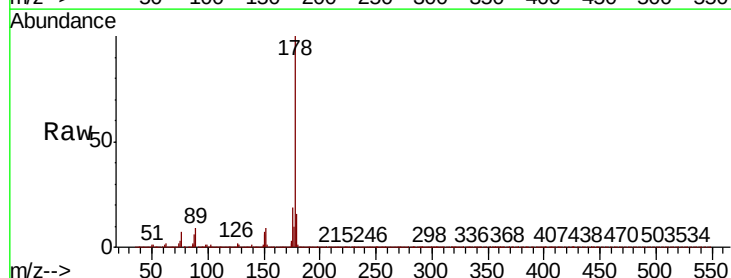
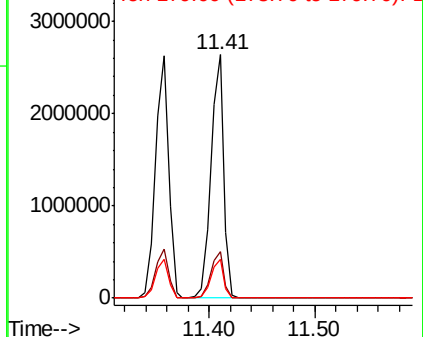
Ion Ratio Lower Upper

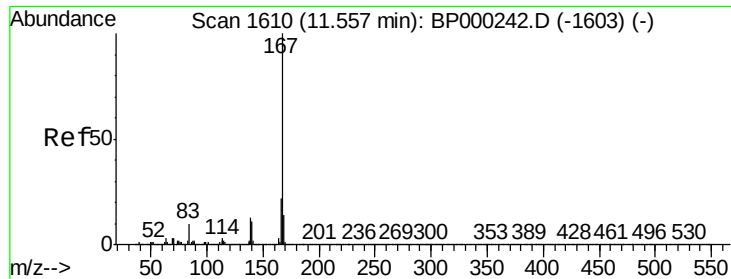
178 100

176 19.3 15.4 23.0

179 15.8 12.7 19.1

Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E





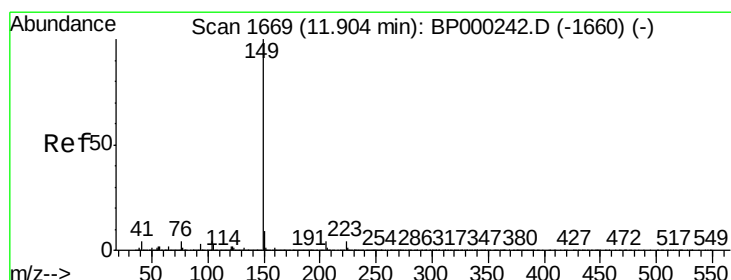
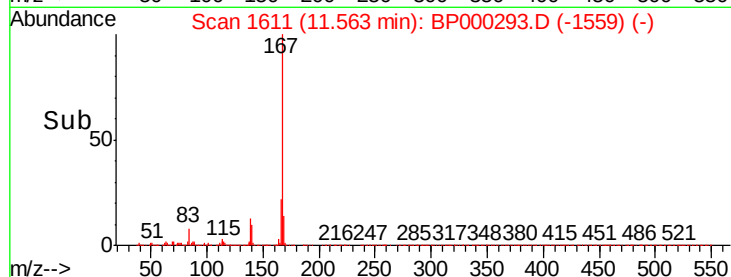
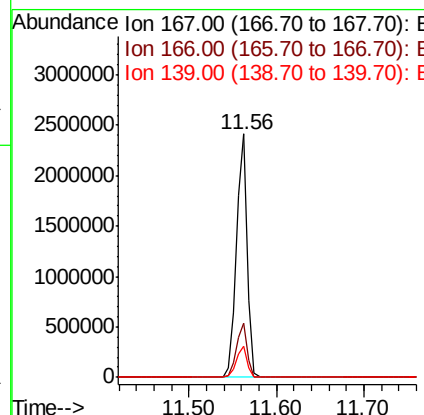
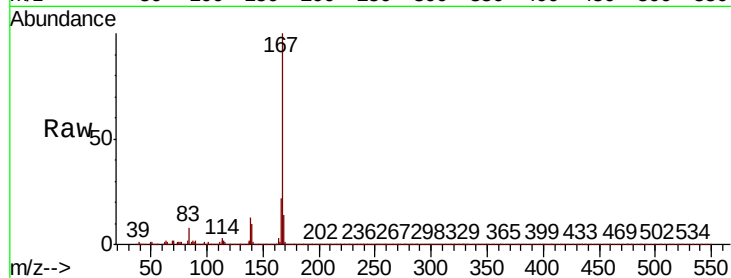
#73
 Carbazole
 Concen: 40.723 ng
 RT: 11.56 min Scan# 1611
 Delta R.T. 0.01 min
 Lab File: BP000293.D
 Acq: 18 Sep 2019 13:02

Instrument :
 BNA_P
 ClientSampleId :
 PB123079BS

Tot Ion	Ratio	Lower	Upper
167	100		
166	22.4	17.8	26.8
139	12.9	10.8	16.2

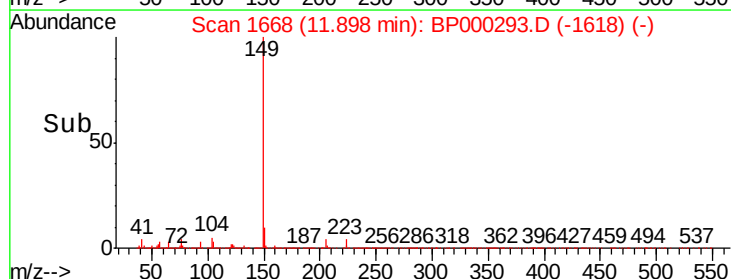
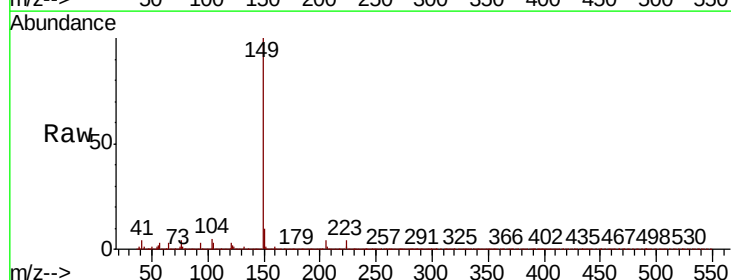
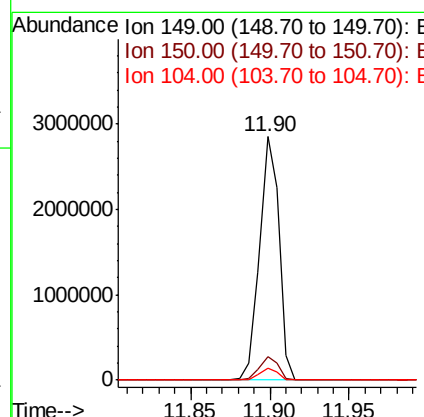
Manual Integrations
 APPROVED

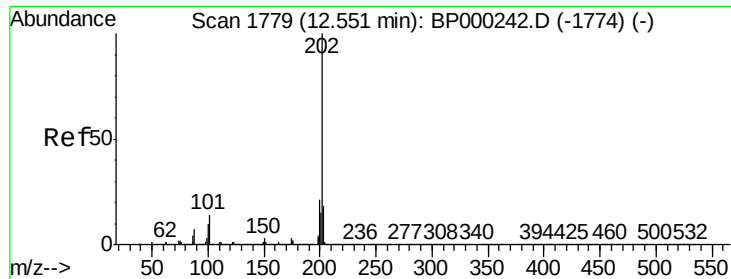
mohammad
 9/19/2019 4:43:31 PM



#74
 Di-n-butylphthalate
 Concen: 38.191 ng
 RT: 11.90 min Scan# 1668
 Delta R.T. -0.01 min
 Lab File: BP000293.D
 Acq: 18 Sep 2019 13:02

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.7	7.4	11.2
104	4.9	3.5	5.3





#75

Fluoranthene

Concen: 42.431 ng

RT: 12.55 min Scan# 1779

Delta R.T. -0.00 min

Lab File: BP000293.D

Acq: 18 Sep 2019 13:02

Instrument :

BNA_P

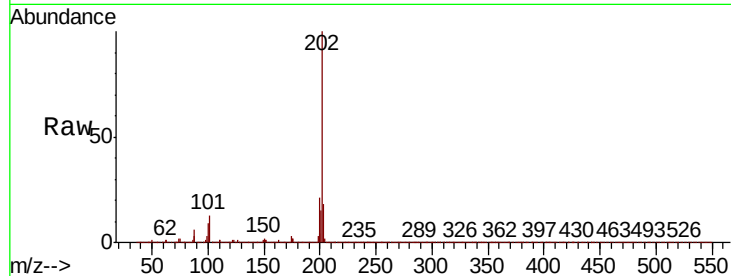
ClientSampleId :

PB123079BS

Tot Ion:	202	Resp:	2473773
Ion Ratio	Lower	Upper	
202	100		
101	12.6	0.0	33.9
203	18.1	0.0	38.0

Manual Integrations
APPROVED

mohammad
9/19/2019 4:43:31 PM

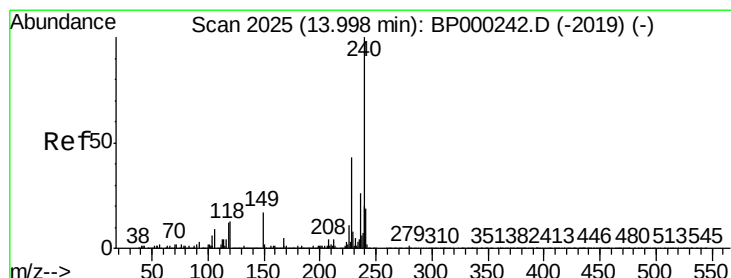
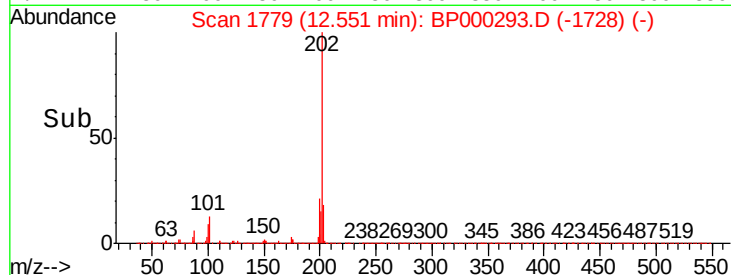
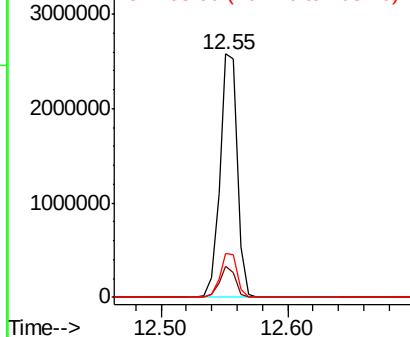


Abundance

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

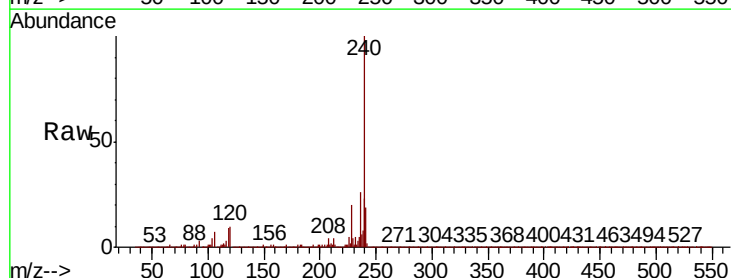
RT: 14.00 min Scan# 2025

Delta R.T. -0.00 min

Lab File: BP000293.D

Acq: 18 Sep 2019 13:02

Tgt Ion:	240	Resp:	865490
Ion Ratio	Lower	Upper	
240	100		
120	10.1	10.4	15.6#
236	26.4	21.0	31.6

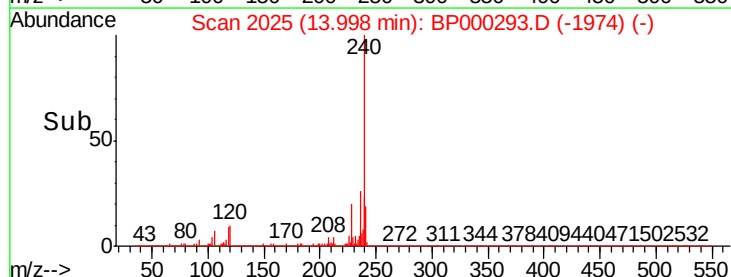
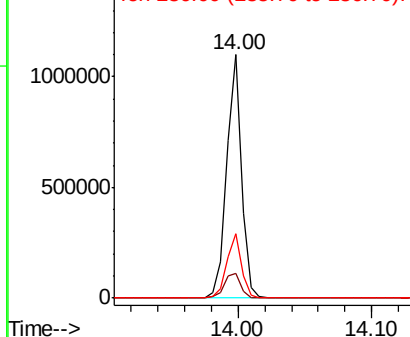


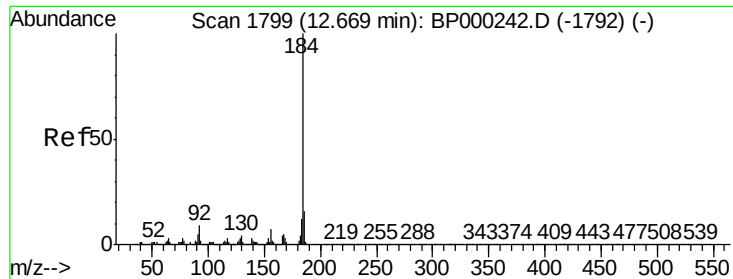
Abundance

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: 36.154 ng

RT: 12.67 min Scan# 1799

Delta R.T. -0.00 min

Lab File: BP000293.D

Acq: 18 Sep 2019 13:02

Instrument :

BNA_P

ClientSampleId :

PB123079BS

Tot Ion:184 Resp: 1117534

Ion Ratio Lower Upper

184 100

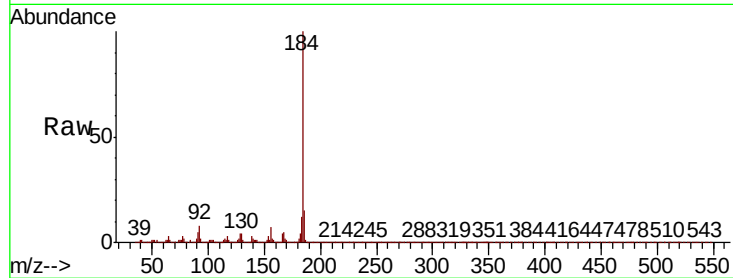
185 15.0 12.7 19.1

183 12.0 9.5 14.3

Manual Integrations
APPROVED

mohammad

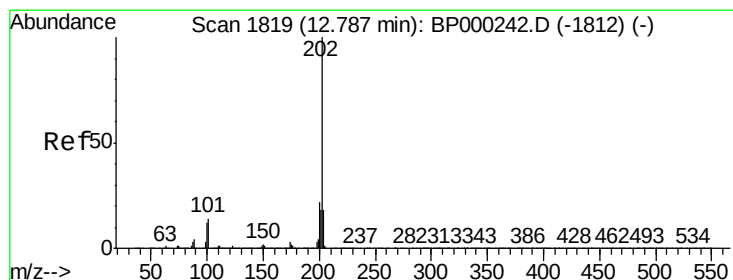
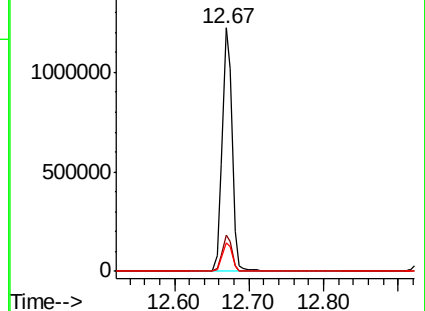
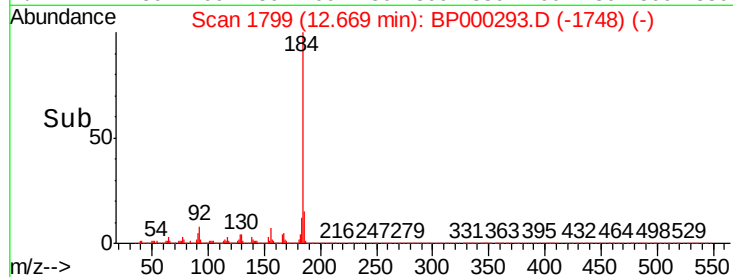
9/19/2019 4:43:31 PM



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 38.498 ng

RT: 12.79 min Scan# 1819

Delta R.T. -0.00 min

Lab File: BP000293.D

Acq: 18 Sep 2019 13:02

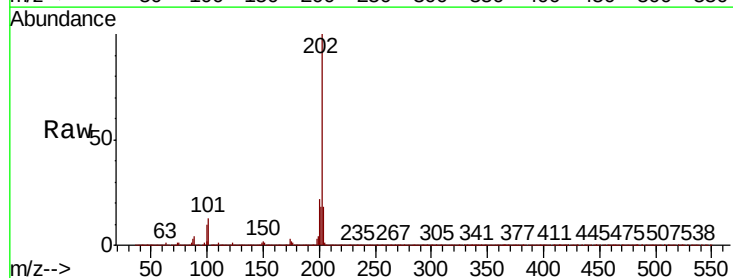
Tgt Ion:202 Resp: 2492881

Ion Ratio Lower Upper

202 100

200 21.9 17.5 26.3

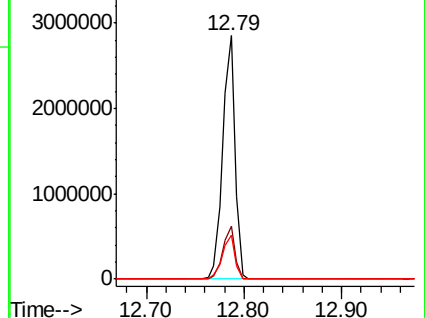
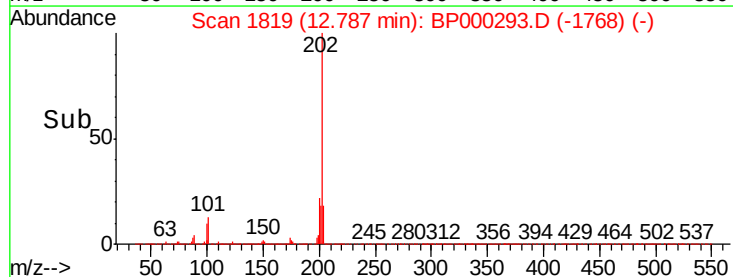
203 17.8 14.3 21.5

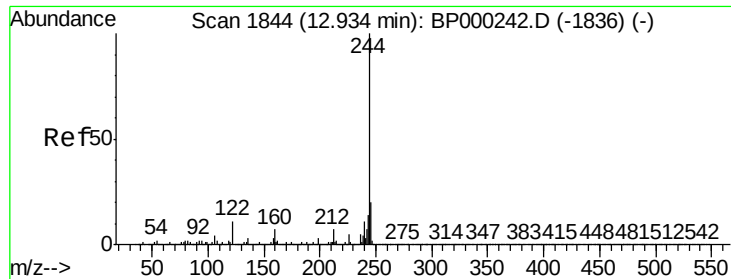


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





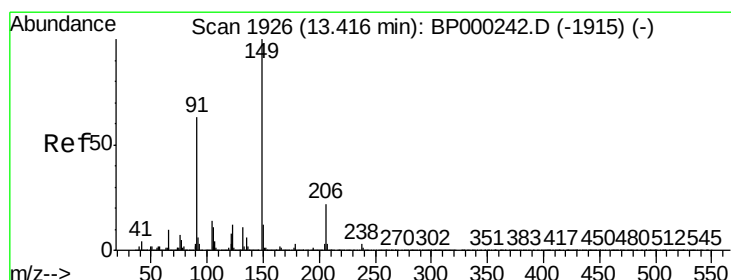
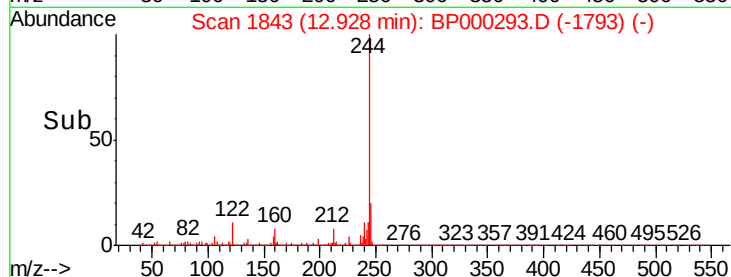
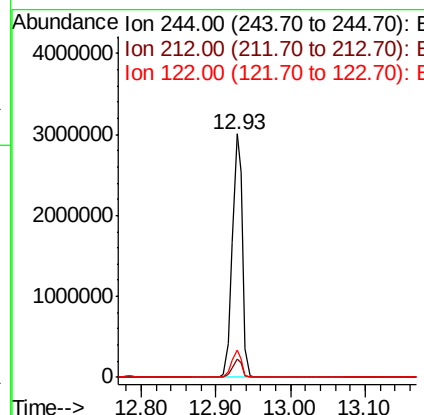
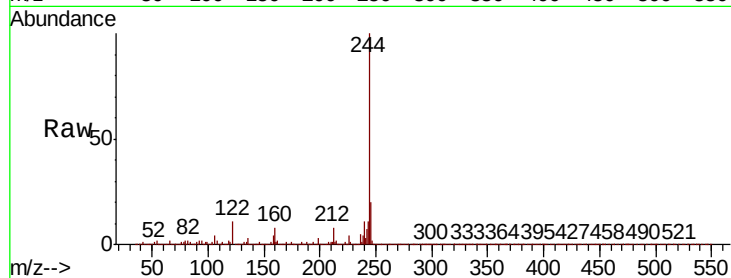
#79
 Terphenyl-d14
 Concen: 69.211 ng
 RT: 12.93 min Scan# 1843
 Delta R.T. -0.01 min
 Lab File: BP000293.D
 Acq: 18 Sep 2019 13:02

Instrument :
 BNA_P
 ClientSampleId :
 PB123079BS

Tot Ion	Ratio	Lower	Upper
244	100		
212	7.5	5.9	8.9
122	11.3	9.0	13.4

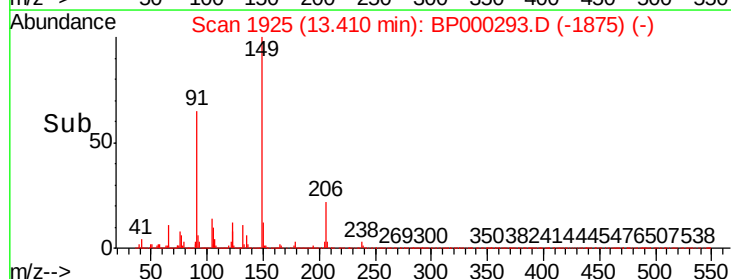
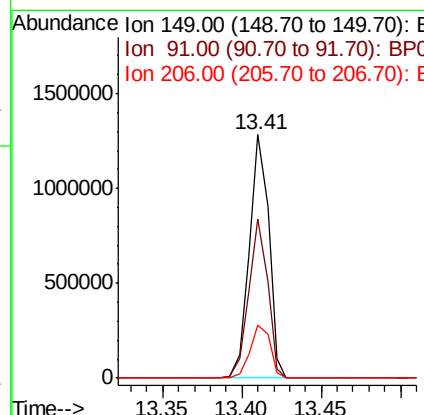
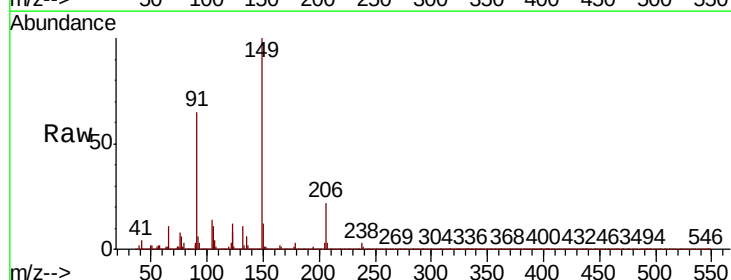
Manual Integrations
 APPROVED

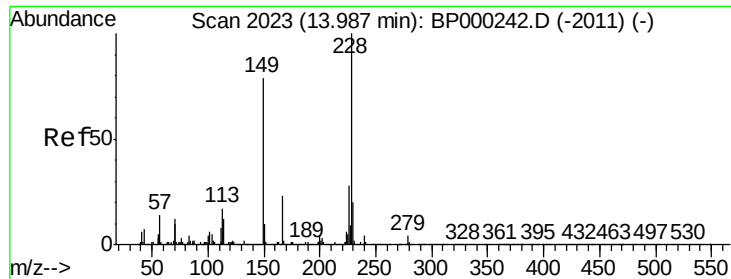
mohammad
 9/19/2019 4:43:31 PM



#80
 Butylbenzylphthalate
 Concen: 36.457 ng
 RT: 13.41 min Scan# 1925
 Delta R.T. -0.01 min
 Lab File: BP000293.D
 Acq: 18 Sep 2019 13:02

Tgt Ion	Ratio	Lower	Upper
149	100		
91	65.3	50.6	76.0
206	22.0	17.8	26.6





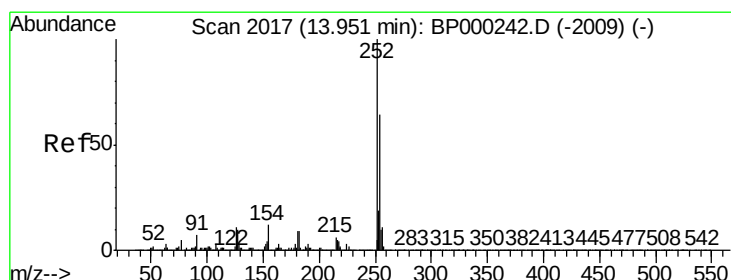
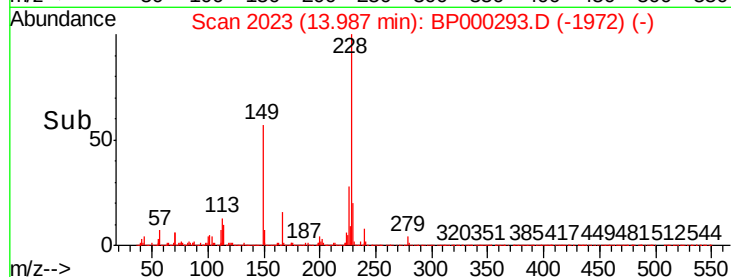
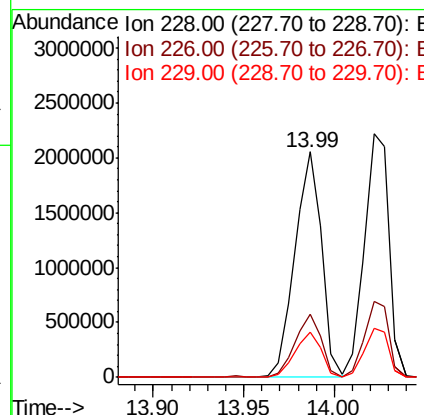
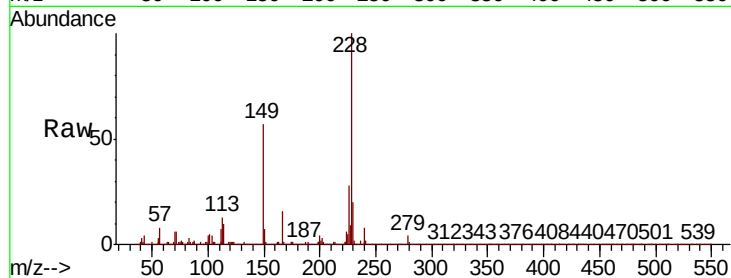
#81
Benzo(a)anthracene
Concen: 39.006 ng
RT: 13.99 min Scan# 2023
Delta R.T. -0.00 min
Lab File: BP000293.D
Acq: 18 Sep 2019 13:02

Instrument :
BNA_P
ClientSampleId :
PB123079BS

Tot Ion	Ratio	Lower	Upper
228	100		
226	28.0	22.2	33.4
229	20.0	16.0	24.0

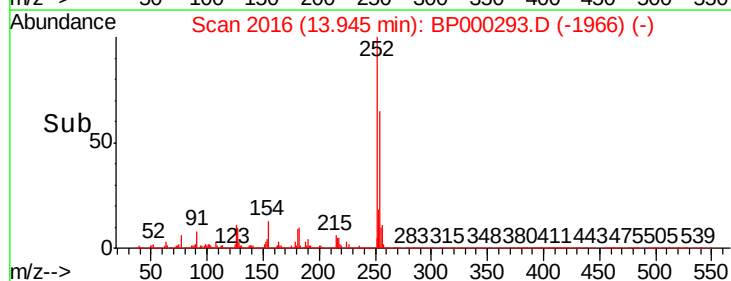
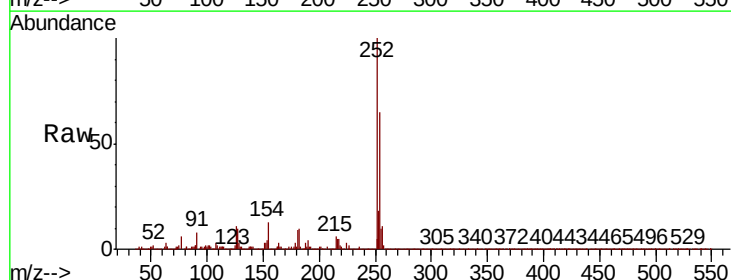
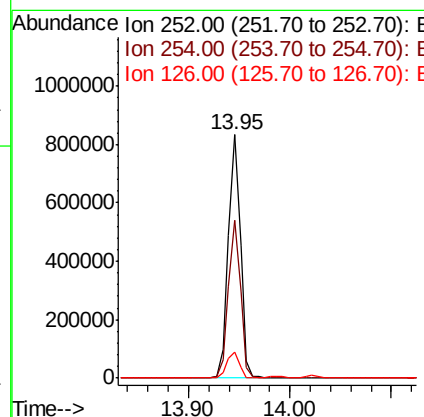
Manual Integrations
APPROVED

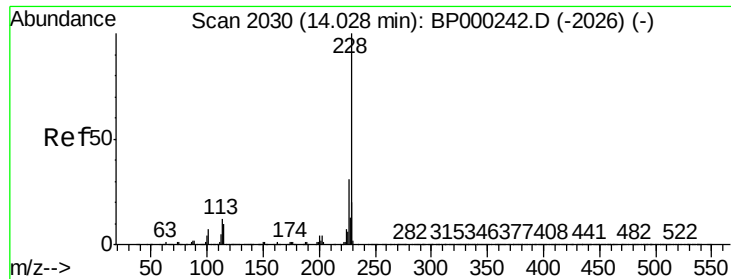
mohammad
9/19/2019 4:43:31 PM



#82
3,3'-Dichlorobenzidine
Concen: 31.555 ng
RT: 13.95 min Scan# 2016
Delta R.T. -0.01 min
Lab File: BP000293.D
Acq: 18 Sep 2019 13:02

Tgt Ion	Ratio	Lower	Upper
252	100		
254	64.7	51.5	77.3
126	10.7	8.4	12.6





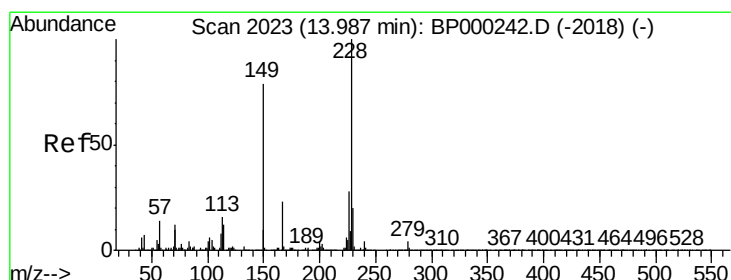
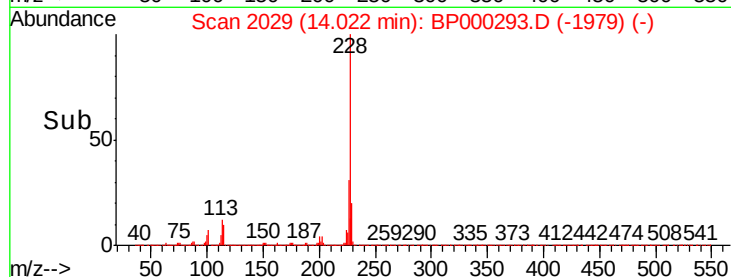
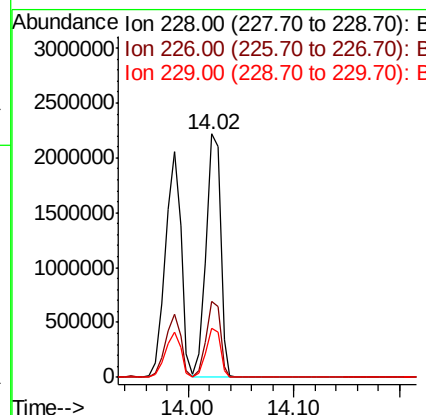
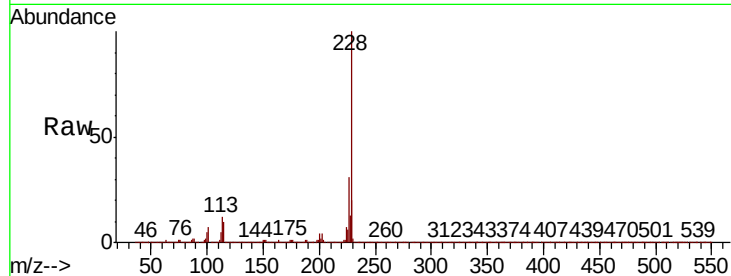
#83
 Chrysene
 Concen: 39.222 ng
 RT: 14.02 min Scan# 2029
 Delta R.T. -0.01 min
 Lab File: BP000293.D
 Acq: 18 Sep 2019 13:02

Instrument :
 BNA_P
 ClientSampleId :
 PB123079BS

Tot Ion	Ratio	Lower	Upper
228	100		
226	31.1	24.9	37.3
229	20.4	16.2	24.2

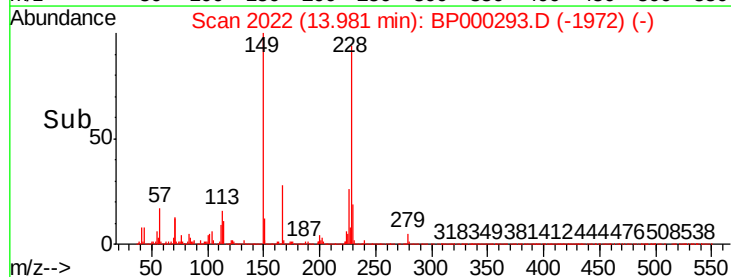
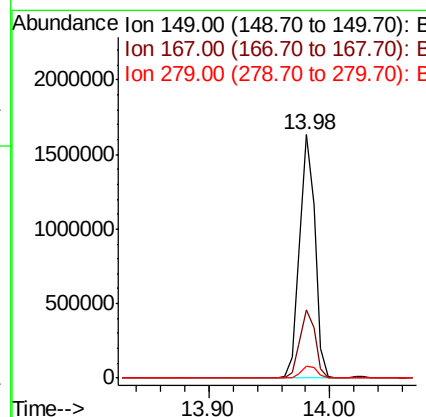
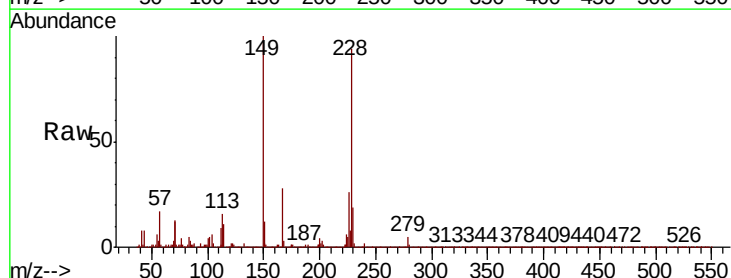
Manual Integrations
 APPROVED

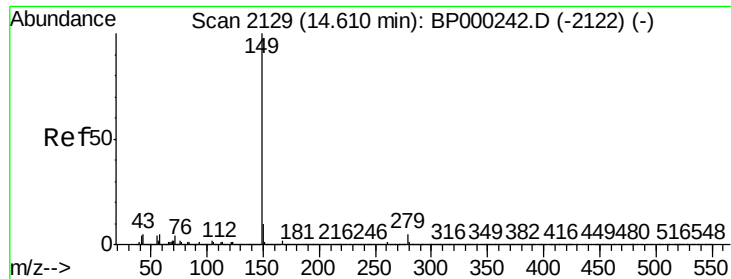
mohammad
 9/19/2019 4:43:31 PM



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 39.417 ng
 RT: 13.98 min Scan# 2022
 Delta R.T. -0.01 min
 Lab File: BP000293.D
 Acq: 18 Sep 2019 13:02

Tgt Ion	Ratio	Lower	Upper
149	100		
167	28.1	23.0	34.4
279	4.7	3.7	5.5





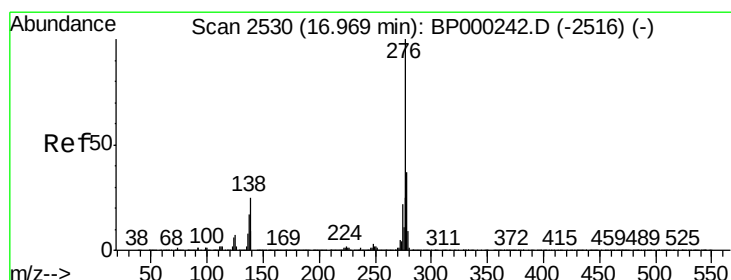
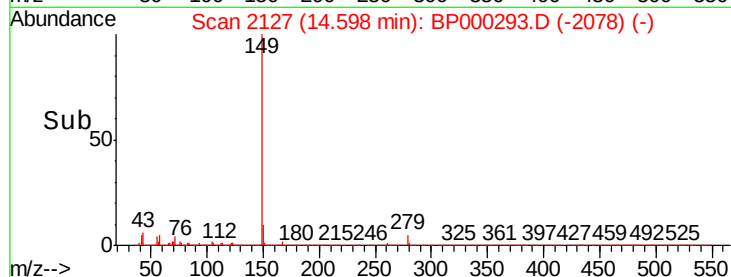
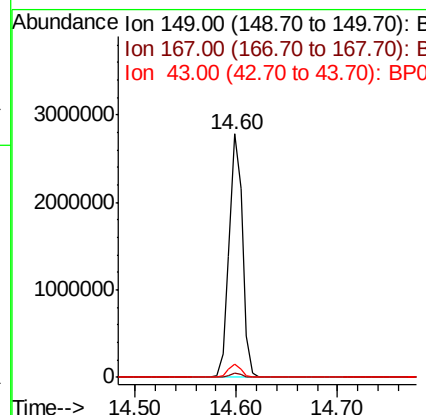
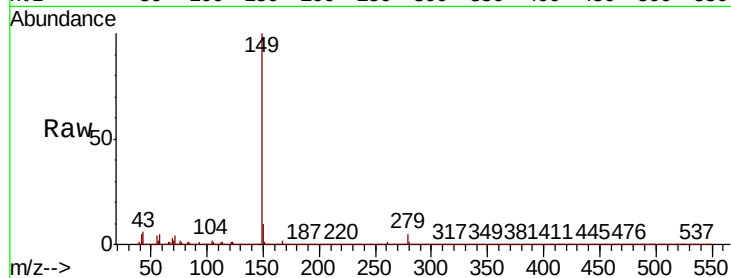
#85
Di-n-octyl phthalate
Concen: 38.180 ng
RT: 14.60 min Scan# 2127
Delta R.T. -0.01 min
Lab File: BP000293.D
Acq: 18 Sep 2019 13:02

Instrument :
BNA_P
ClientSampleId :
PB123079BS

Tot Ion	Ratio	Lower	Upper
149	100		
167	1.7	1.4	2.0
43	5.4	5.0	7.6

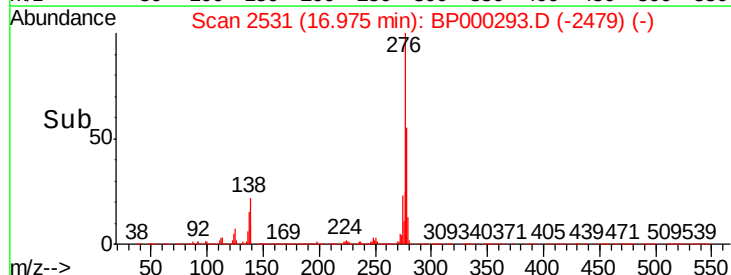
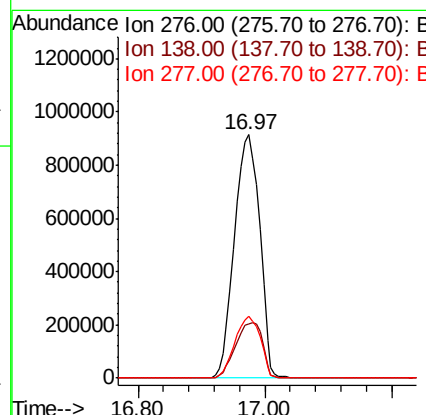
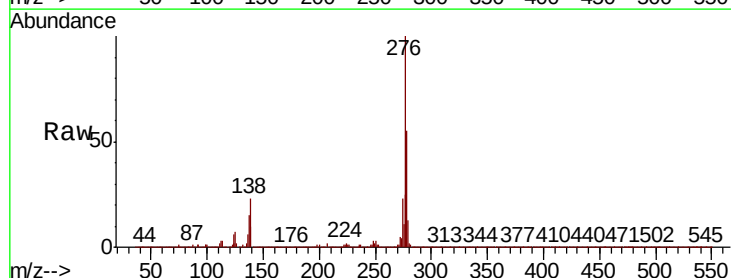
Manual Integrations
APPROVED

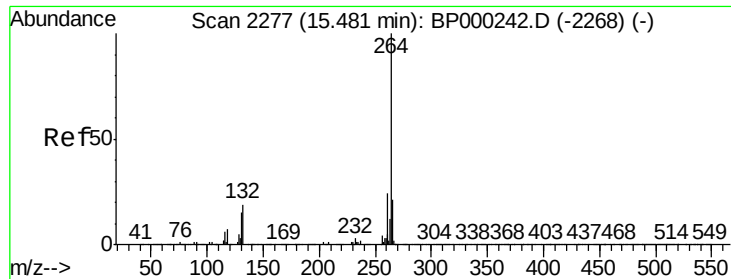
mohammad
9/19/2019 4:43:31 PM



#86
Indeno(1,2,3-cd)pyrene
Concen: 38.232 ng
RT: 16.97 min Scan# 2531
Delta R.T. 0.01 min
Lab File: BP000293.D
Acq: 18 Sep 2019 13:02

Tgt Ion	Ratio	Lower	Upper
276	100		
138	24.4	22.6	33.8
277	25.6	20.4	30.6





#87

Pervlene-d12

Concen: 20.000 ng

RT: 15.48 min Scan# 2277

Delta R.T. -0.00 min

Lab File: BP000293.D

Acq: 18 Sep 2019 13:02

Instrument :

BNA_P

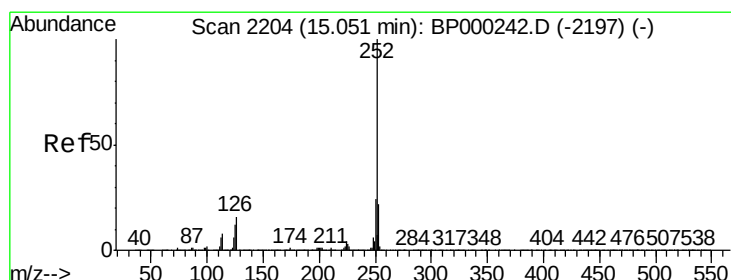
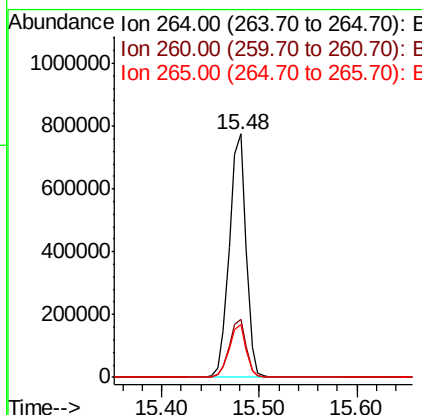
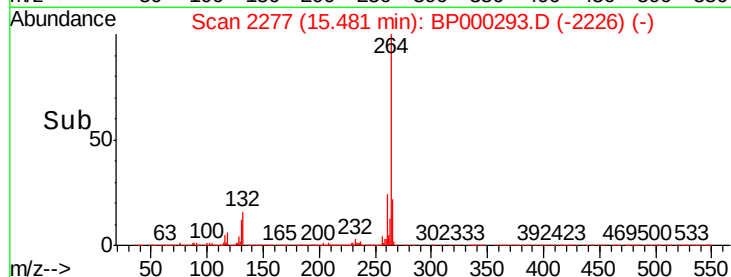
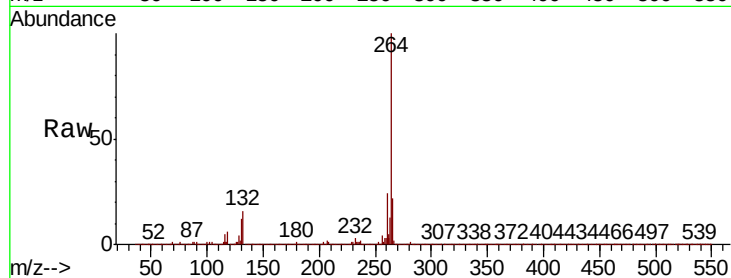
ClientSampled :

PB123079BS

Tot Ion:	264	Resp:	922423
Ion Ratio	Lower	Upper	
264	100		
260	23.8	18.9	28.3
265	21.8	17.2	25.8

Manual Integrations
APPROVED

mohammad
9/19/2019 4:43:31 PM



#88

Benzo(b)fluoranthene

Concen: 43.052 ng

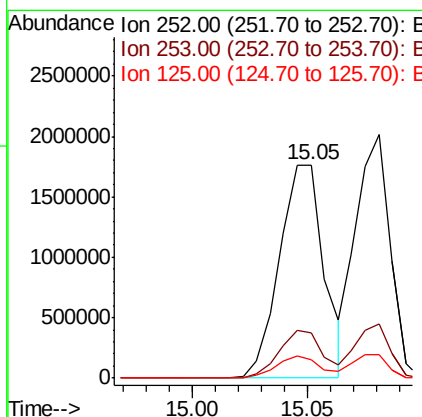
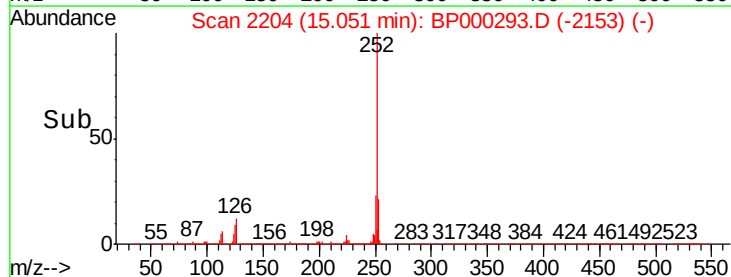
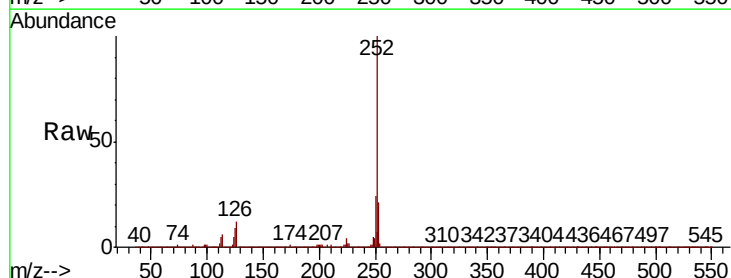
RT: 15.05 min Scan# 2204

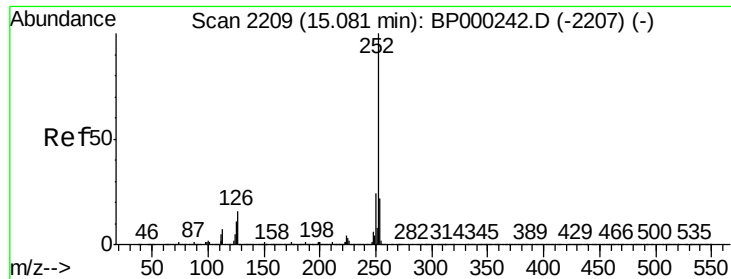
Delta R.T. -0.00 min

Lab File: BP000293.D

Acq: 18 Sep 2019 13:02

Tgt Ion:	252	Resp:	2369078
Ion Ratio	Lower	Upper	
252	100		
253	21.5	17.8	26.6
125	8.9	9.5	14.3#





#89

Benzo(k)fluoranthene

Concen: 43.585 ng

RT: 15.08 min Scan# 2209

Delta R.T. -0.00 min

Lab File: BP000293.D

Acq: 18 Sep 2019 13:02

Instrument :

BNA_P

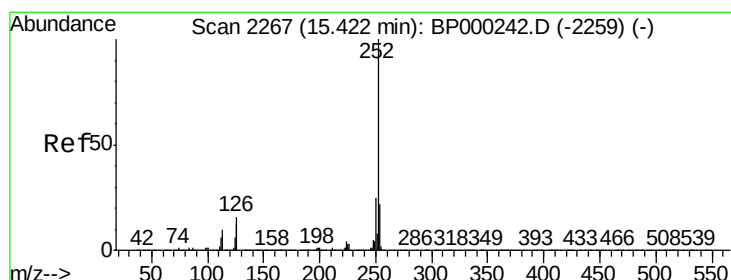
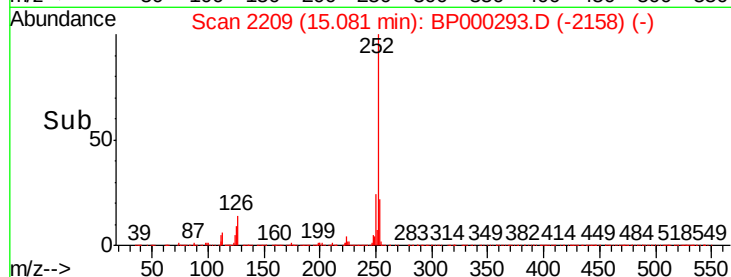
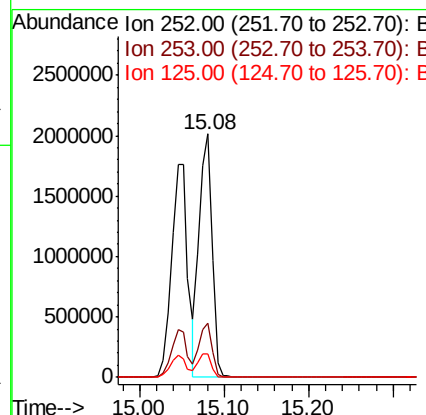
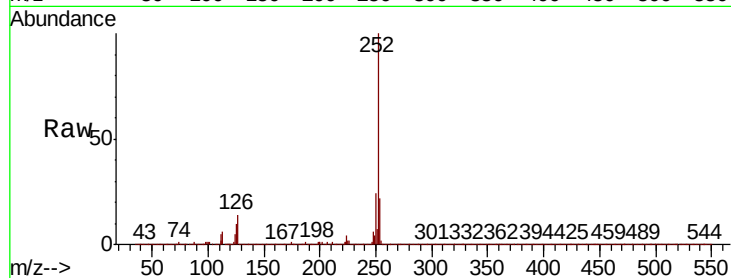
ClientSampled :

PB123079BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.8	26.8
125	9.5	9.6	14.4

Manual Integrations
APPROVED

mohammad
9/19/2019 4:43:31 PM



#90

Benzo(a)pyrene

Concen: 43.620 ng

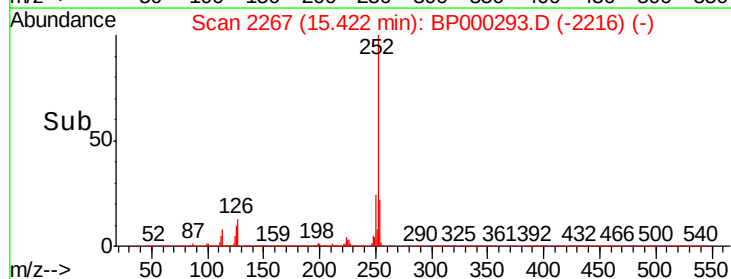
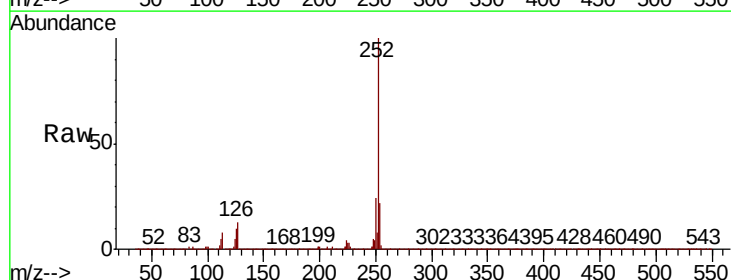
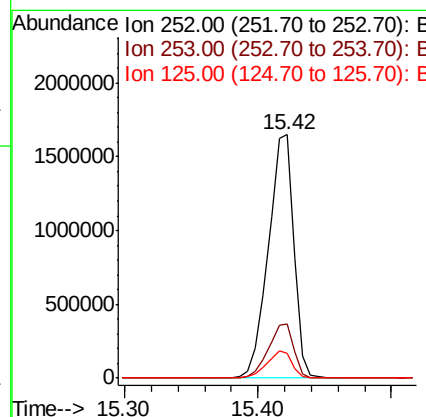
RT: 15.42 min Scan# 2267

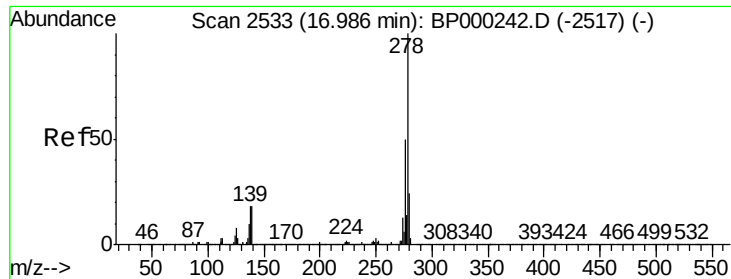
Delta R.T. -0.00 min

Lab File: BP000293.D

Acq: 18 Sep 2019 13:02

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.7	26.5
125	9.9	10.0	15.0





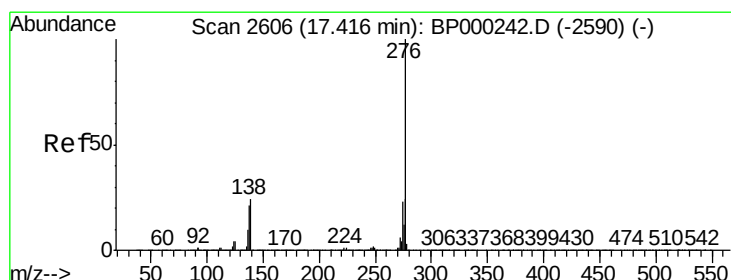
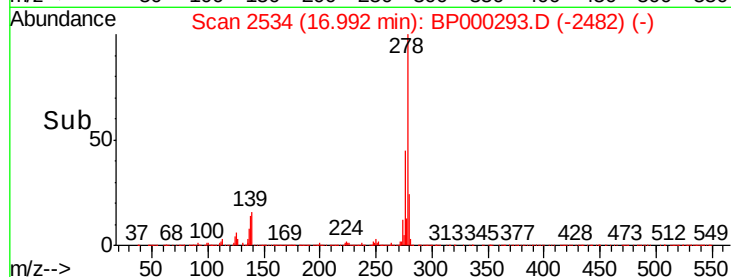
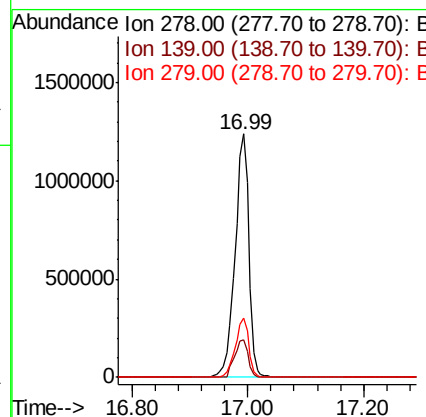
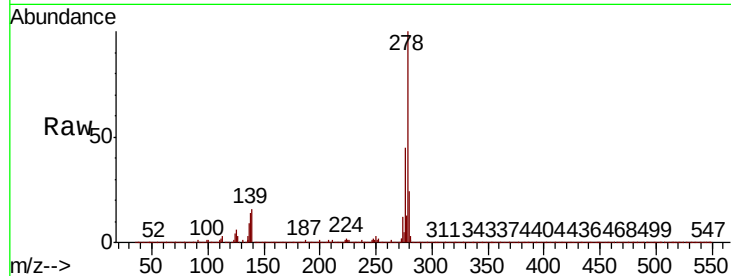
#91
Dibenzo(a,h)anthracene
Concen: 43.970 ng
RT: 16.99 min Scan# 2534
Delta R.T. 0.01 min
Lab File: BP000293.D
Acq: 18 Sep 2019 13:02

Instrument :
BNA_P
ClientSampleId :
PB123079BS

Tot Ion	Ratio	Lower	Upper
278	100		
139	15.6	14.5	21.7
279	24.1	19.0	28.6

Manual Integrations
APPROVED

mohammad
9/19/2019 4:43:31 PM



#92
Benzo(g,h,i)perylene
Concen: 43.327 ng
RT: 17.42 min Scan# 2607
Delta R.T. 0.01 min
Lab File: BP000293.D
Acq: 18 Sep 2019 13:02

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.2	19.1	28.7
138	21.1	19.5	29.3

