

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP010920\
 Data File : BP001576.D
 Acq On : 09 Jan 2020 12:59
 Operator : JU
 Sample : PB125970BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB125970BS

Manual Integrations
 APPROVED

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1/10/2020 1:07:34 PM

Quant Time: Jan 10 05:43:06 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP010820.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jan 08 15:02:19 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.66	152	25389	20.00	ng	0.00
21) Naphthalene-d8	10.44	136	110833	20.00	ng	0.00
39) Acenaphthene-d10	14.31	164	92820	20.00	ng	0.00
64) Phenanthrene-d10	17.07	188	245810	20.00	ng	0.00
76) Chrysene-d12	21.17	240	245216	20.00	ng	0.00
87) Perylene-d12	23.43	264	215744	20.00	ng	0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.29	112	181940	140.38	ng	0.00
7) Phenol-d6	6.86	99	256425	123.79	ng	0.00
23) Nitrobenzene-d5	8.81	82	193165	76.16	ng	0.00
42) 2,4,6-Tribromophenol	15.81	330	159474	112.87	ng	0.00
45) 2-Fluorobiphenyl	12.93	172	491585	77.87	ng	0.00
79) Terphenyl-d14	19.66	244	1028109	76.69	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.25	88	17234	41.665	ng	96
3) Pyridine	3.63	79	48863	32.692	ng	92
4) n-Nitrosodimethylamine	3.55	42	51012	48.154	ng	95
6) Aniline	7.00	93	88015	33.982	ng	99
8) 2-Chlorophenol	7.24	128	71989	47.576	ng	99
9) Benzaldehyde	6.81	77	49470	39.984	ng	97
10) Phenol	6.89	94	99291	46.338	ng	96
11) bis(2-Chloroethyl)ether	7.10	93	69961	41.630	ng	96
12) 1,3-Dichlorobenzene	7.55	146	77802	40.905	ng	94
13) 1,4-Dichlorobenzene	7.69	146	79318	40.329	ng	97
14) 1,2-Dichlorobenzene	8.01	146	76916	40.468	ng	97
15) Benzyl Alcohol	7.91	79	81103	41.576	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.20	45	122673	39.294	ng	99
17) 2-Methylphenol	8.12	107	67791	45.567	ng	98
18) Hexachloroethane	8.73	117	31022	40.404	ng	91
19) n-Nitroso-di-n-propylamine	8.47	70	64645	40.935	ng	93
20) 3+4-Methylphenols	8.45	107	90715	43.592	ng	97
22) Acetophenone	8.48	105	118530	38.150	ng	# 97
24) Nitrobenzene	8.85	77	102402	39.908	ng	99
25) Isophorone	9.38	82	175529	38.592	ng	98
26) 2-Nitrophenol	9.56	139	40022	41.272	ng	94
27) 2,4-Dimethylphenol	9.64	122	71969	49.678	ng	97
28) bis(2-Chloroethoxy)methane	9.87	93	100368	37.669	ng	97
29) 2,4-Dichlorophenol	10.10	162	86083	43.410	ng	97
30) 1,2,4-Trichlorobenzene	10.30	180	92015	38.438	ng	96
31) Naphthalene	10.49	128	232727	39.786	ng	99
32) Benzoic acid	9.80	122	47807	37.778	ng	92
33) 4-Chloroaniline	10.60	127	56994	21.162	ng	96
34) Hexachlorobutadiene	10.79	225	65641	38.735	ng	96
35) Caprolactam	11.39	113	21591m	29.984	ng	
36) 4-Chloro-3-methylphenol	11.75	107	97909	41.141	ng	98
37) 2-Methylnaphthalene	12.11	142	186528	40.013	ng	99
38) 1-Methylnaphthalene	12.33	142	175750	39.177	ng	97
40) 1,2,4,5-Tetrachlorobenzene	12.49	216	124534	39.167	ng	98

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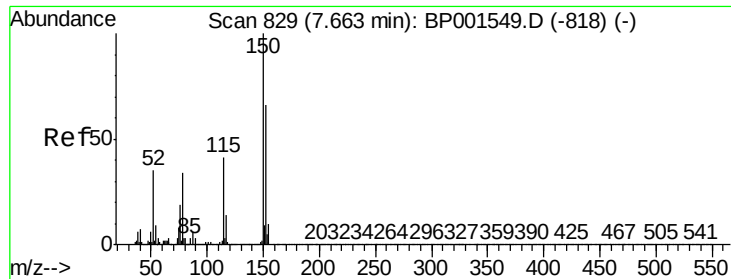
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.47	237	132571	82.196	nq	99
43) 2,4,6-Trichlorophenol	12.73	196	83953	40.940	nq	97
44) 2,4,5-Trichlorophenol	12.80	196	93492	42.904	nq	99
46) 1,1'-Biphenyl	13.14	154	264191	39.720	nq	98
47) 2-Chloronaphthalene	13.17	162	214279	38.762	nq	99
48) 2-Nitroaniline	13.38	65	83539	38.464	nq	98
49) Acenaphthylene	14.03	152	345575	40.534	nq	99
50) Dimethylphthalate	13.78	163	286542	37.481	nq	99
51) 2,6-Dinitrotoluene	13.89	165	63979	39.463	nq	97
52) Acenaphthene	14.37	154	200979	38.063	nq	99
53) 3-Nitroaniline	14.22	138	44027	25.721	nq	94
54) 2,4-Dinitrophenol	14.43	184	73403	80.525	nq	90
55) Dibenzofuran	14.71	168	351841	39.405	nq	98
56) 4-Nitrophenol	14.56	139	113858	83.299	nq	93
57) 2,4-Dinitrotoluene	14.68	165	93188	39.284	nq	98
58) Fluorene	15.36	166	287186	39.748	nq	99
59) 2,3,4,6-Tetrachlorophenol	14.95	232	92364	41.047	nq	99
60) Diethylphthalate	15.16	149	296130	37.660	nq	99
61) 4-Chlorophenyl-phenylether	15.37	204	164482	39.777	nq	99
62) 4-Nitroaniline	15.39	138	63778	32.680	nq	95
63) Azobenzene	15.66	77	320791	40.830	nq	97
65) 4,6-Dinitro-2-methylphenol	15.45	198	56635	42.616	nq	97
66) n-Nitrosodiphenylamine	15.59	169	261024	40.083	nq	100
67) 4-Bromophenyl-phenylether	16.27	248	106727	38.487	nq	97
68) Hexachlorobenzene	16.37	284	120052	37.262	nq	97
69) Atrazine	16.56	200	112011	46.834	nq	100
70) Pentachlorophenol	16.73	266	154629	86.906	nq	98
71) Phenanthrene	17.11	178	523095	39.131	nq	98
72) Anthracene	17.20	178	528816	40.635	nq	98
73) Carbazole	17.48	167	471140	38.562	nq	99
74) Di-n-butylphthalate	18.06	149	546919	37.836	nq	98
75) Fluoranthene	19.09	202	695695	39.551	nq	99
77) Benzidine	19.28	184	256253	45.766	nq	99
78) Pyrene	19.45	202	698345	38.769	nq	99
80) Butylbenzylphthalate	20.35	149	255607	37.335	nq	98
81) Benzo(a)anthracene	21.16	228	669316	39.192	nq	99
82) 3,3'-Dichlorobenzidine	21.10	252	227608	35.542	nq	97
83) Chrysene	21.21	228	646261	38.831	nq	98
84) Bis(2-ethylhexyl)phthalate	21.12	149	364607	38.849	nq	99
85) Di-n-octyl phthalate	22.00	149	582667	38.936	nq	98
86) Indeno(1,2,3-cd)pyrene	25.72	276	618961	31.771	nq	99
88) Benzo(b)fluoranthene	22.75	252	635710	46.760	nq	100
89) Benzo(k)fluoranthene	22.80	252	629719	47.507	nq	98
90) Benzo(a)pyrene	23.33	252	565392	43.801	nq	100
91) Dibenzo(a,h)anthracene	25.74	278	533175	40.033	nq	99
92) Benzo(g,h,i)perylene	26.44	276	516684	39.025	nq	97

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



#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.66 min Scan# 829
Delta R.T. 0.00 min
Lab File: BP001576.D
Acq: 09 Jan 2020 12:59

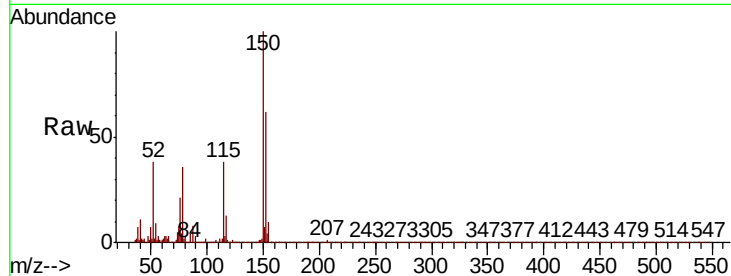
Instrument :
BNA_P
ClientSampleId :
PB125970BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	161.8	122.0	183.0
115	62.3	50.7	76.1

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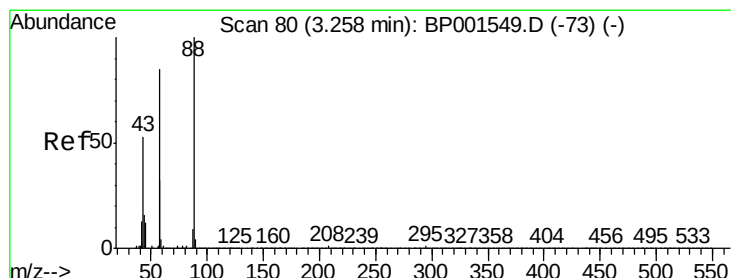
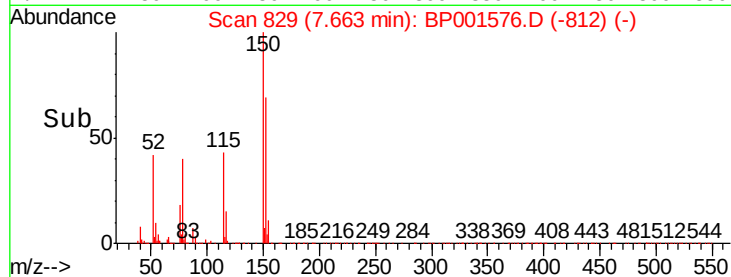
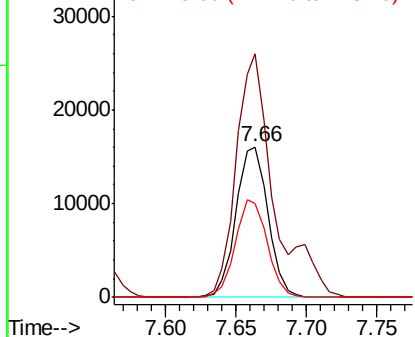


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

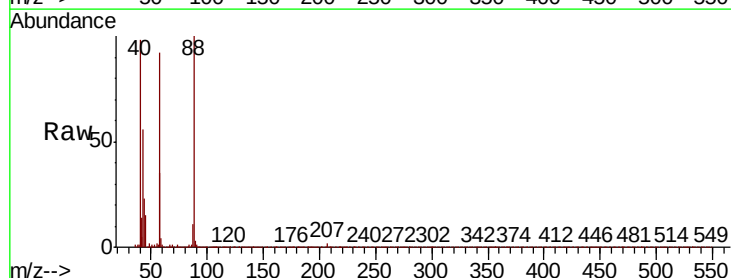
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 41.665 ng
RT: 3.25 min Scan# 78
Delta R.T. -0.01 min
Lab File: BP001576.D
Acq: 09 Jan 2020 12:59

Tgt Ion	Ratio	Lower	Upper
88	100		
58	92.1	69.5	104.3
43	50.0	40.3	60.5

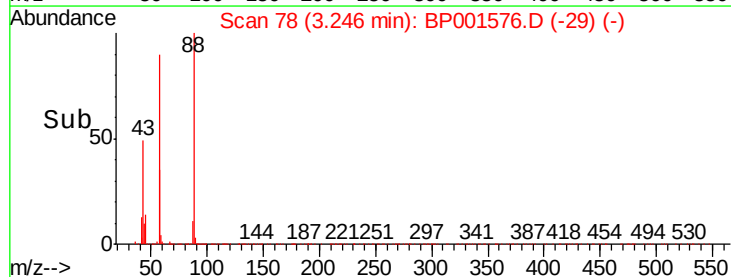
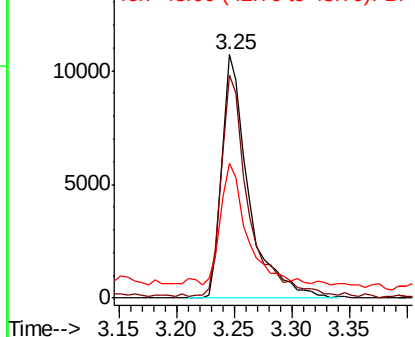


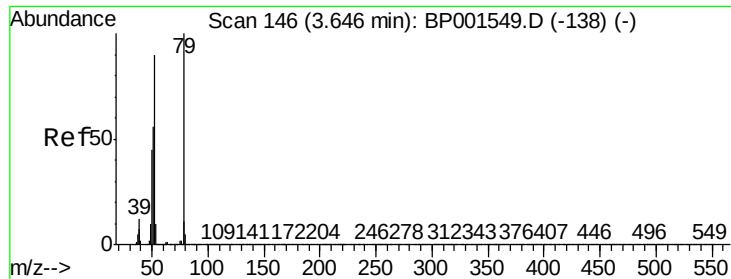
Abundance

Ion 88.00 (87.70 to 88.70): BP0

Ion 58.00 (57.70 to 58.70): BP0

Ion 43.00 (42.70 to 43.70): BP0





#3

Pvridine

Concen: 32.692 ng

RT: 3.63 min Scan# 143

Delta R.T. -0.02 min

Lab File: BP001576.D

Acq: 09 Jan 2020 12:59

Instrument :

BNA_P

ClientSampleId :

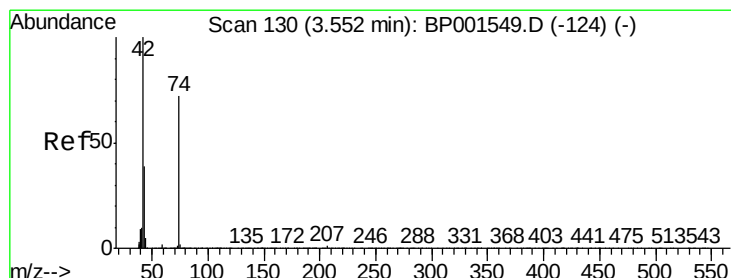
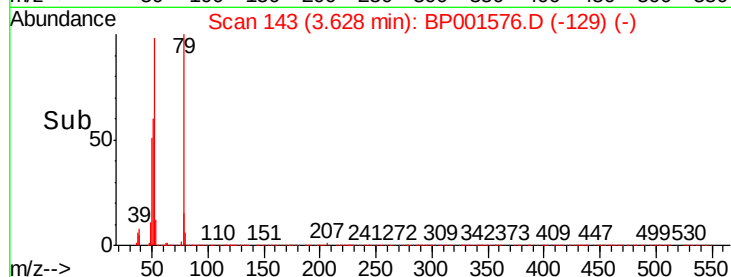
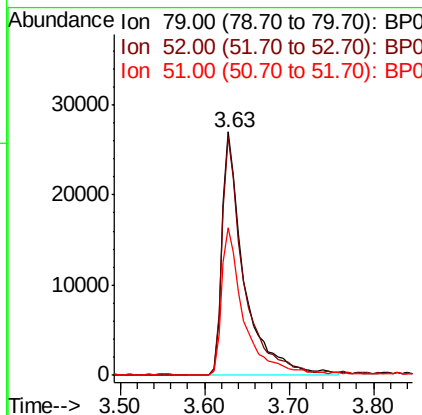
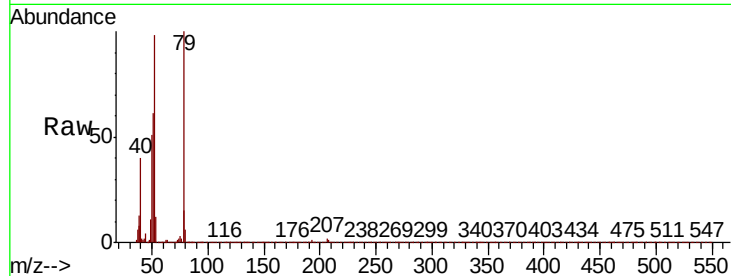
PB125970BS

Tot Ion:	79	Resp:	48863
Ion	Ratio	Lower	Upper
79	100		
52	97.8	72.1	108.1
51	60.8	44.8	67.2

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#4

n-Nitrosodimethylamine

Concen: 48.154 ng

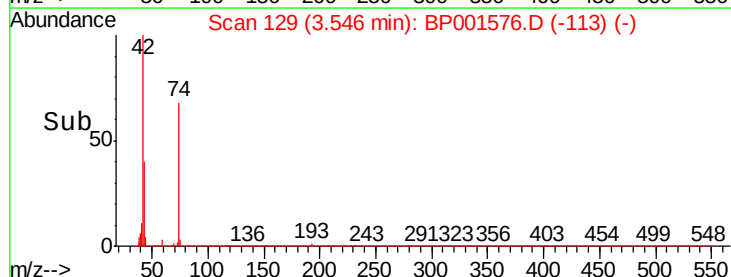
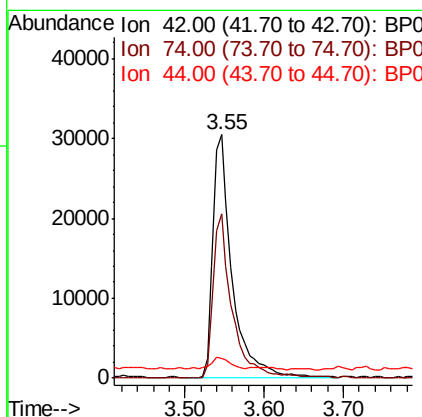
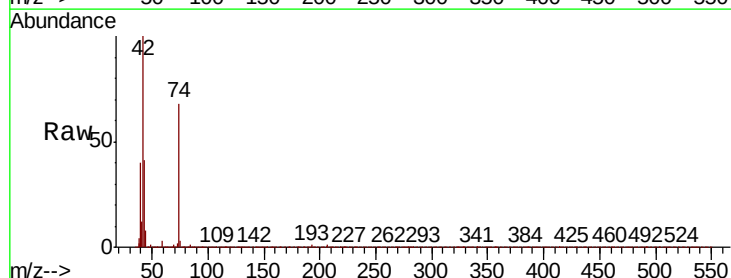
RT: 3.55 min Scan# 129

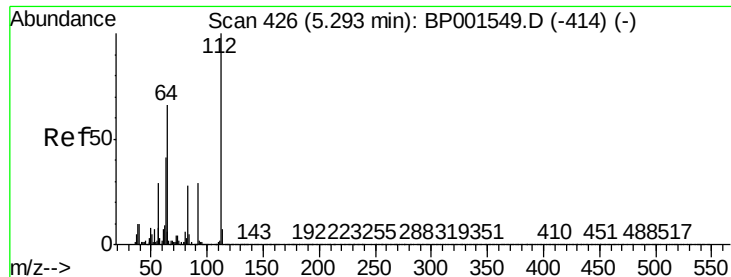
Delta R.T. -0.01 min

Lab File: BP001576.D

Acq: 09 Jan 2020 12:59

Tgt Ion:	42	Resp:	51012
Ion	Ratio	Lower	Upper
42	100		
74	67.6	58.0	87.0
44	8.2	6.7	10.1





#5

2-Fluorophenol

Concen: 140.377 ng

RT: 5.29 min Scan# 426

Delta R.T. 0.00 min

Lab File: BP001576.D

Acq: 09 Jan 2020 12:59

Instrument :

BNA_P

ClientSampleId :

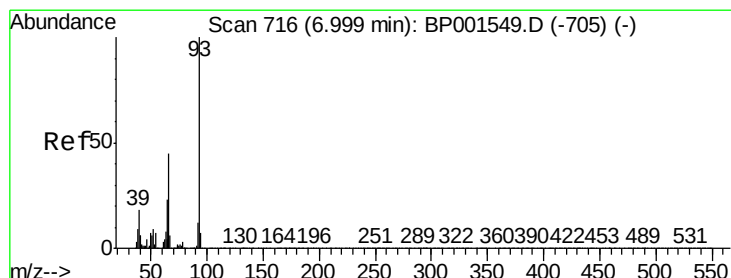
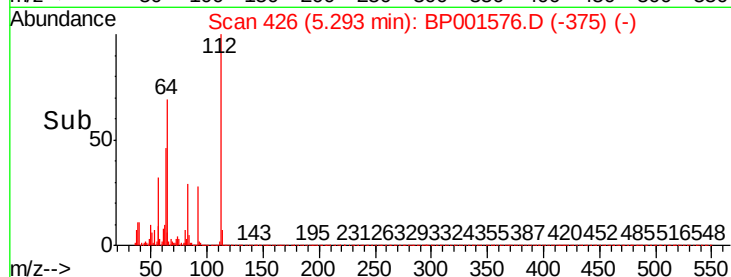
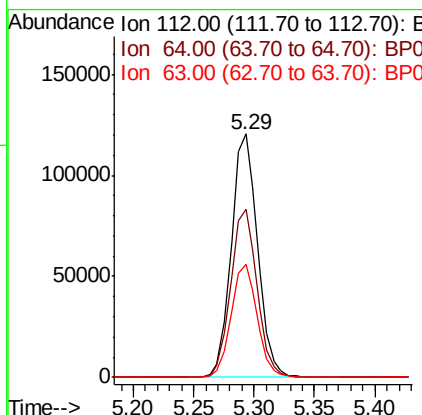
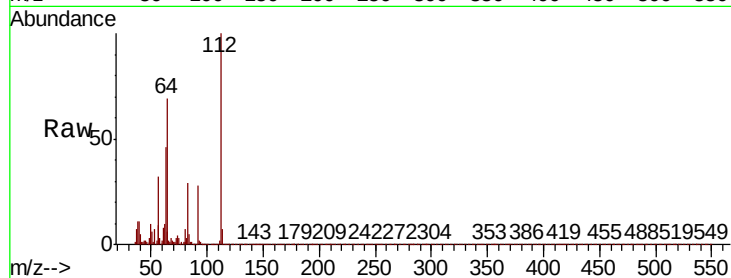
PB125970BS

Tot Ion:	112	Resp:	181940
Ion Ratio	Lower	Upper	
112	100		
64	69.2	52.8	79.2
63	46.4	33.1	49.7

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#6

Aniline

Concen: 33.982 ng

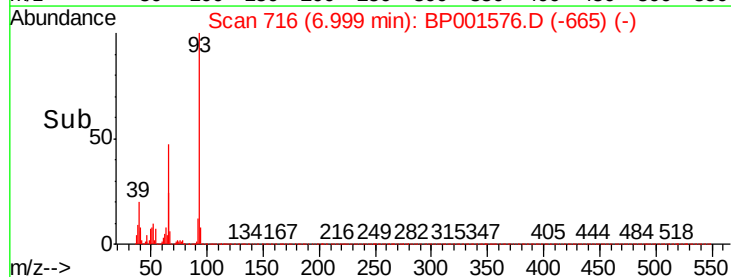
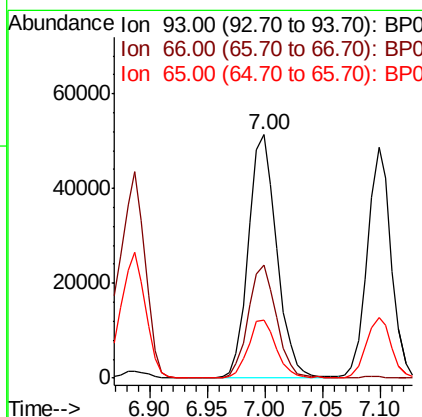
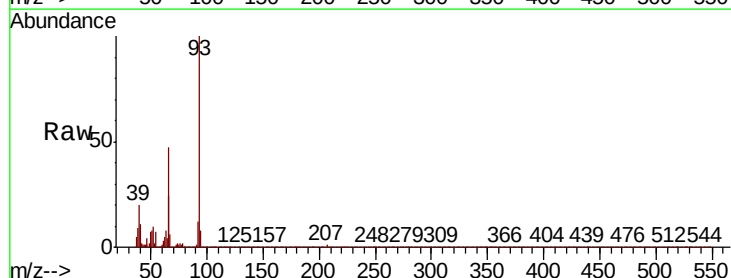
RT: 7.00 min Scan# 716

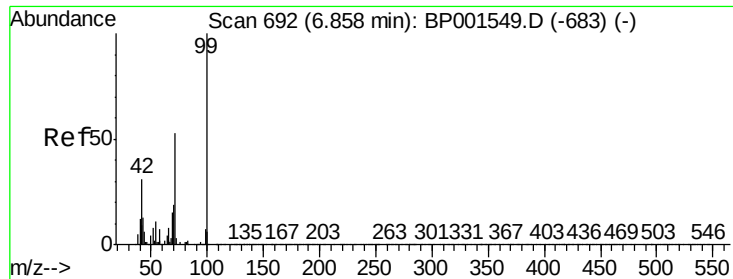
Delta R.T. 0.00 min

Lab File: BP001576.D

Acq: 09 Jan 2020 12:59

Tgt Ion:	93	Resp:	88015
Ion Ratio	Lower	Upper	
93	100		
66	46.5	36.4	54.6
65	23.6	18.5	27.7





#7

Phenol-d6

Concen: 123.794 ng

RT: 6.86 min Scan# 693

Delta R.T. 0.01 min

Lab File: BP001576.D

Acq: 09 Jan 2020 12:59

Instrument :

BNA_P

ClientSampleId :

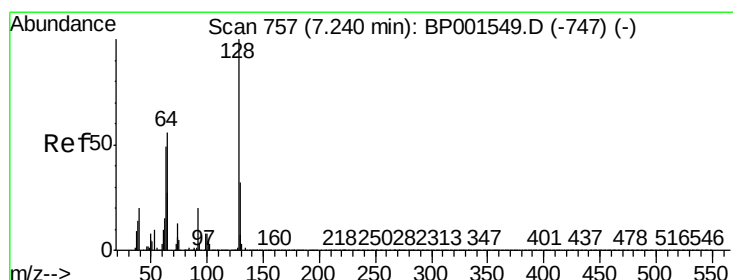
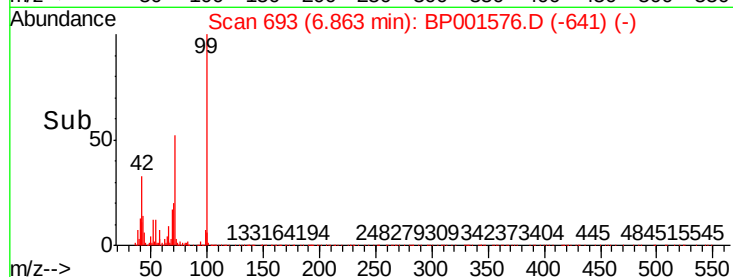
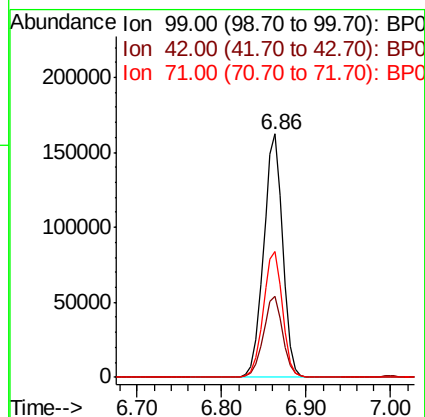
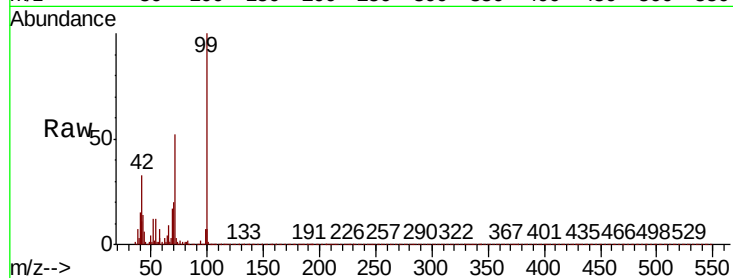
PB125970BS

Tot Ion:	99	Resp:	256425
Ion Ratio	Lower	Upper	
99	100		
42	33.1	24.5	36.7
71	51.7	42.4	63.6

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#8

2-Chlorophenol

Concen: 47.576 ng

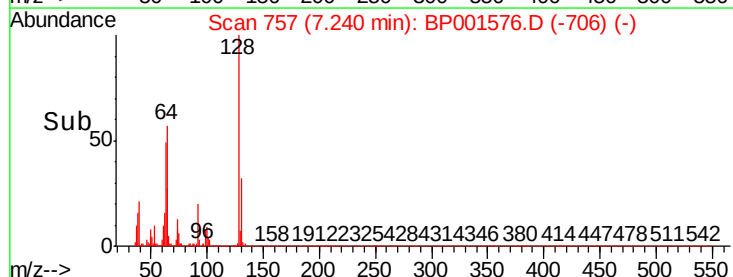
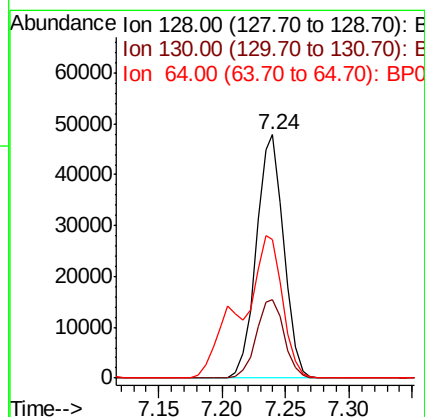
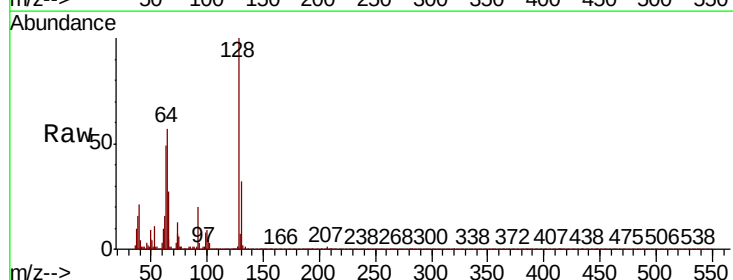
RT: 7.24 min Scan# 757

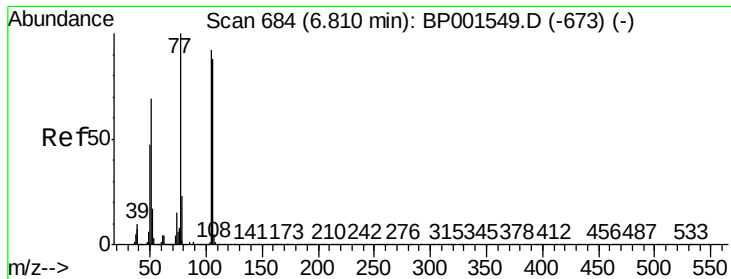
Delta R.T. 0.00 min

Lab File: BP001576.D

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Tgt Ion:	128	Resp:	71989
Ion Ratio	Lower	Upper	
128	100		
130	32.4	11.8	51.8
64	56.8	37.2	77.2





#9

Benzaldehyde

Concen: 39.984 ng

RT: 6.81 min Scan# 684

Delta R.T. 0.00 min

Lab File: BP001576.D

Acq: 09 Jan 2020 12:59

Instrument :

BNA_P

ClientSampleId :

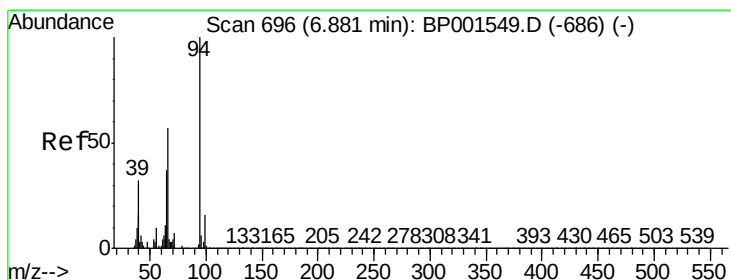
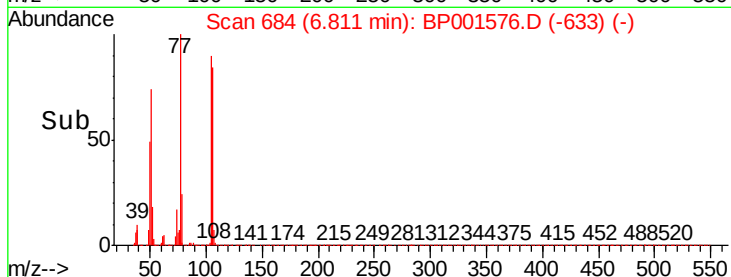
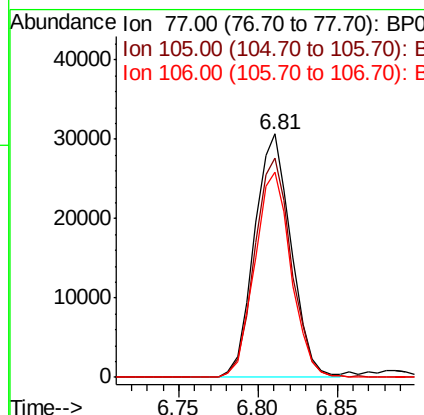
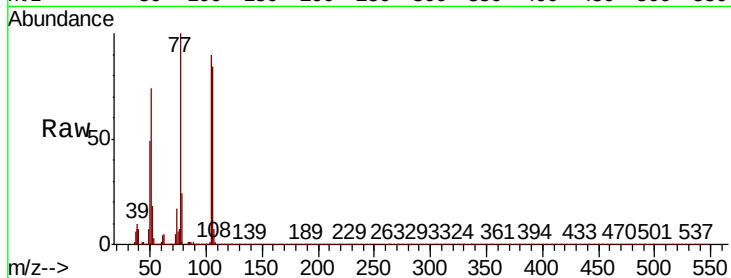
PB125970BS

Tot Ion:	77	Resp:	49470
Ion	Ratio	Lower	Upper
77	100		
105	90.2	71.6	111.6
106	84.1	67.7	107.7

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#10

Phenol

Concen: 46.338 ng

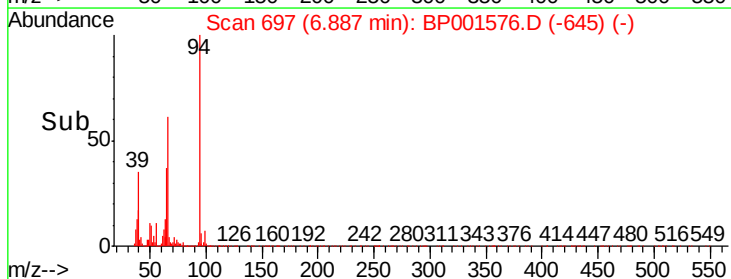
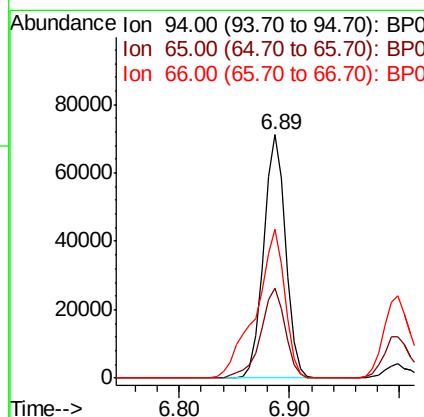
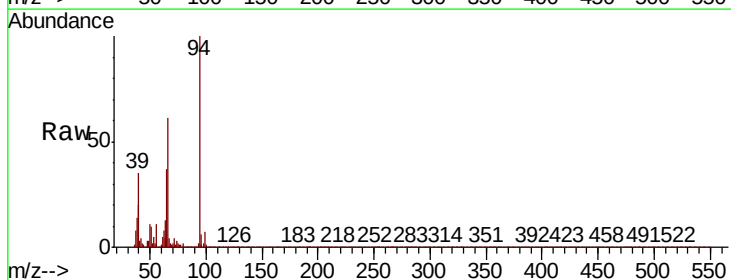
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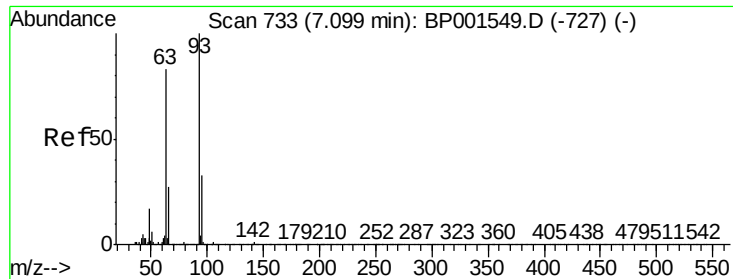
Delta R.T. 0.01 min

Lab File: BP001576.D

Acq: 09 Jan 2020 12:59

Tgt Ion:	94	Resp:	99291
Ion	Ratio	Lower	Upper
94	100		
65	37.2	17.5	57.5
66	61.1	36.7	76.7





#11
bis(2-Chloroethyl)ether
Concen: 41.630 ng
RT: 7.10 min Scan# 733
Delta R.T. 0.00 min
Lab File: BP001576.D
Acq: 09 Jan 2020 12:59

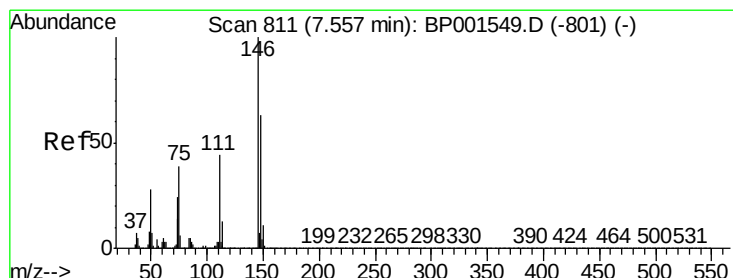
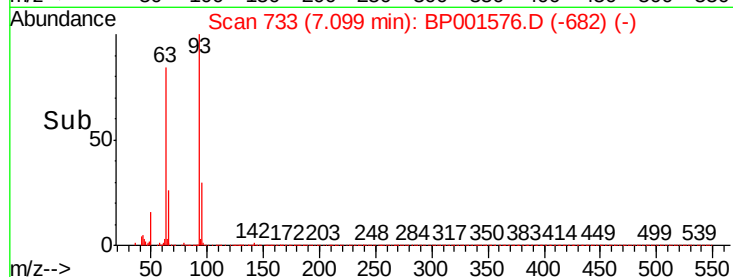
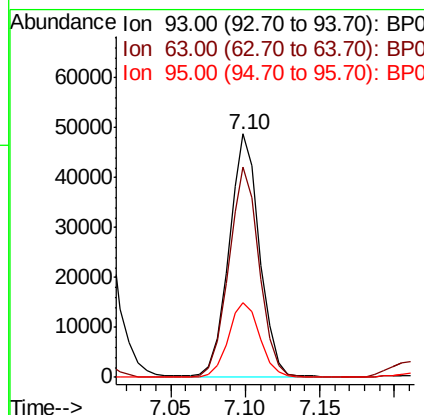
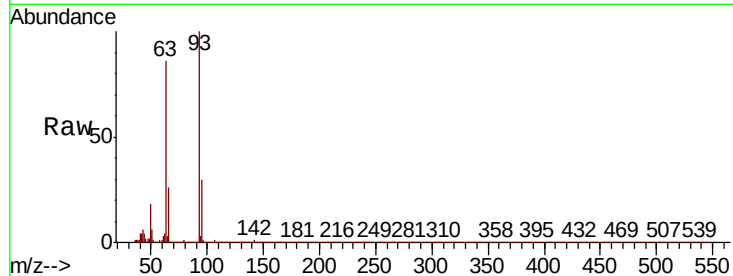
Instrument :
BNA_P
ClientSampleId :
PB125970BS

Tot Ion:	93	Resp:	69961
Ion Ratio	Lower	Upper	
93	100		
63	86.3	63.2	103.2
95	30.5	12.6	52.6

Manual Integrations
APPROVED

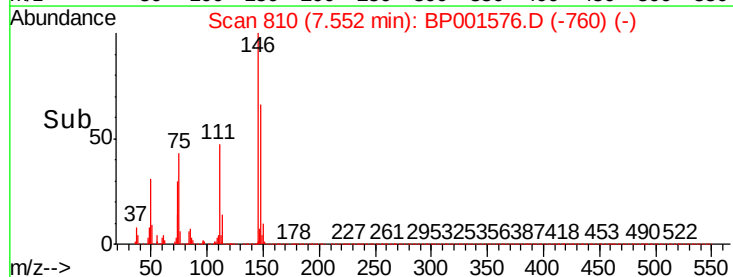
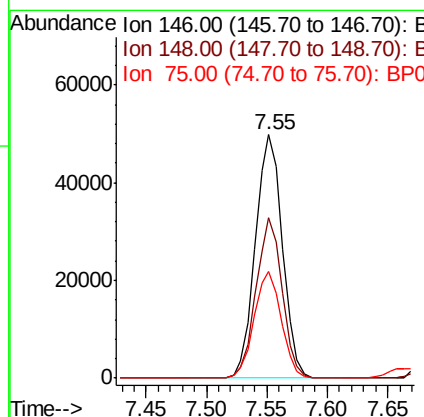
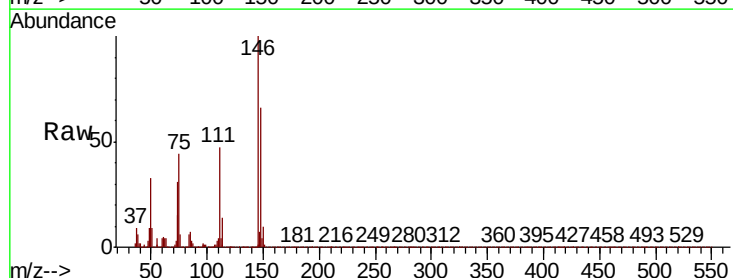
mohammad

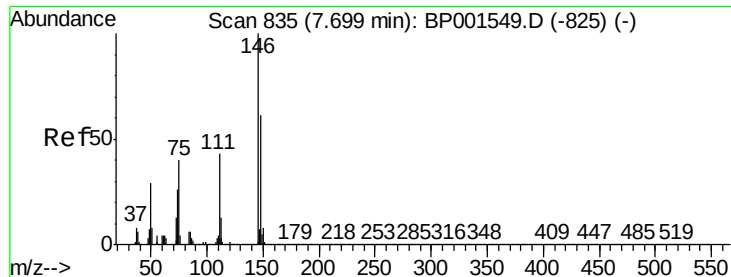
1/10/2020 1:07:34 PM



#12
1,3-Dichlorobenzene
Concen: 40.905 ng
RT: 7.55 min Scan# 810
Delta R.T. -0.01 min
Lab File: BP001576.D
Acq: 09 Jan 2020 12:59

Tgt Ion:	146	Resp:	77802
Ion Ratio	Lower	Upper	
146	100		
148	66.0	50.2	75.2
75	44.1	31.1	46.7





#13
1,4-Dichlorobenzene
Concen: 40.329 ng
RT: 7.69 min Scan# 834
Delta R.T. -0.01 min
Lab File: BP001576.D
Acq: 09 Jan 2020 12:59

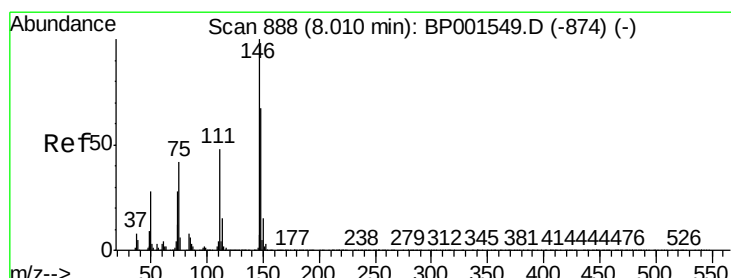
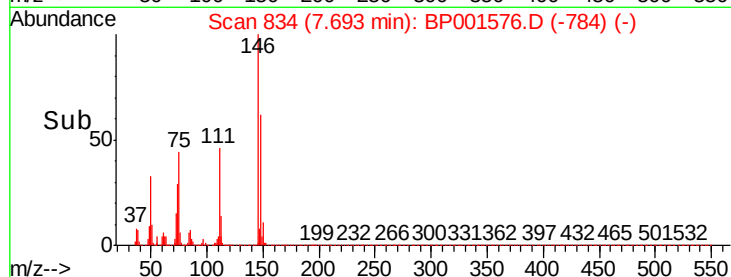
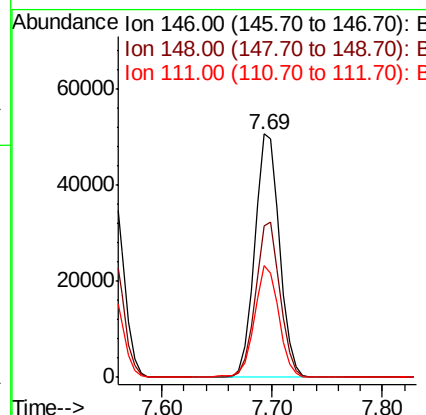
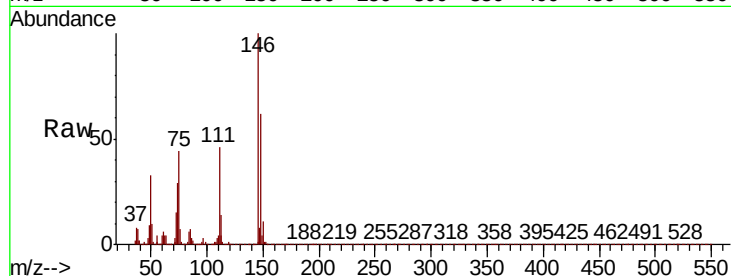
Instrument :
BNA_P
ClientSampleId :
PB125970BS

Tot Ion	Ratio	Lower	Upper
146	100		
148	62.1	48.6	73.0
111	46.1	34.3	51.5

Manual Integrations
APPROVED

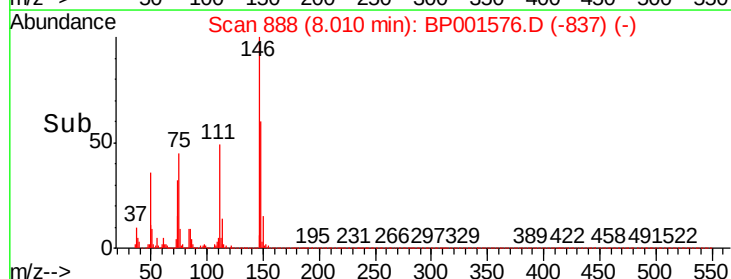
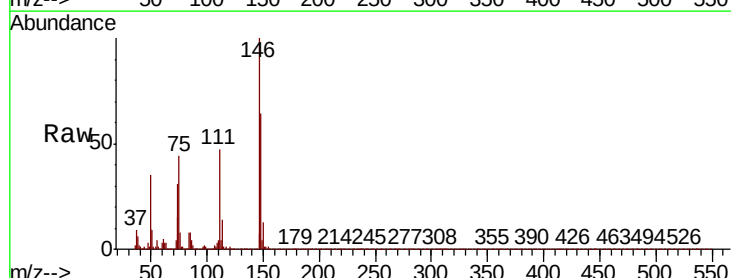
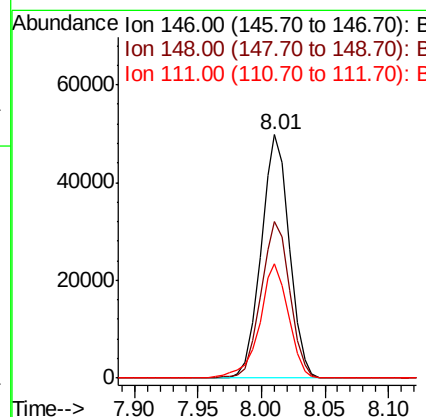
mohammad

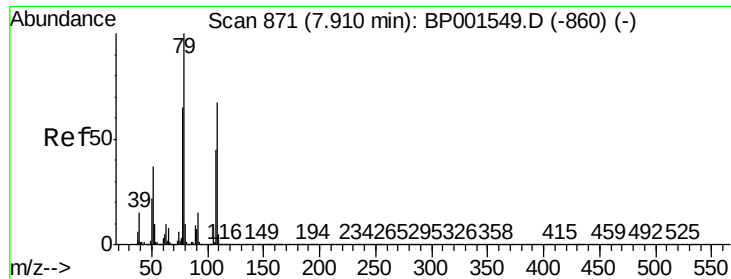
1/10/2020 1:07:34 PM



#14
1,2-Dichlorobenzene
Concen: 40.468 ng
RT: 8.01 min Scan# 888
Delta R.T. 0.00 min
Lab File: BP001576.D
Acq: 09 Jan 2020 12:59

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.4	53.9	80.9
111	46.9	38.2	57.4





#15
Benzyl Alcohol
Concen: 41.576 ng
RT: 7.91 min Scan# 871
Delta R.T. 0.00 min
Lab File: BP001576.D
Acq: 09 Jan 2020 12:59

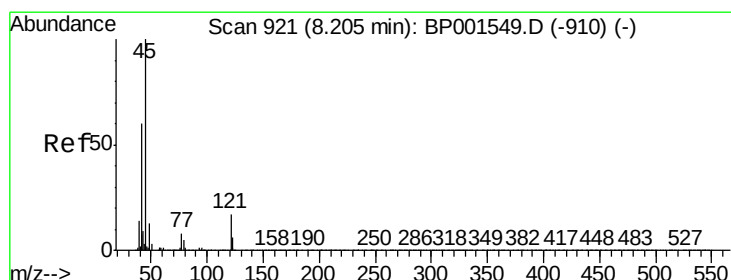
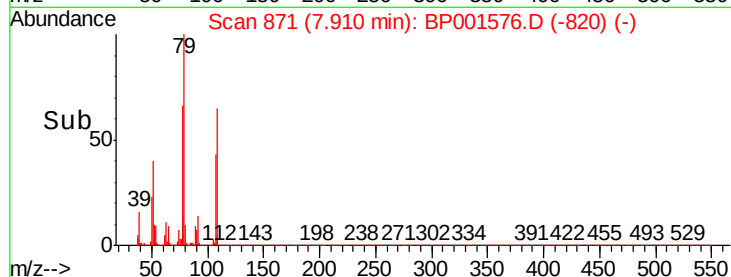
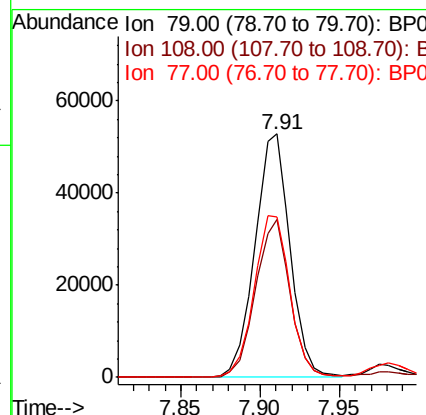
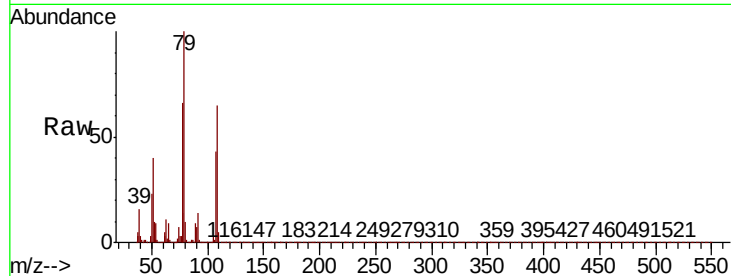
Instrument :
BNA_P
ClientSampleId :
PB125970BS

Tot Ion	Ratio	Lower	Upper
79	100		
108	64.6	53.2	79.8
77	65.9	52.1	78.1

Manual Integrations
APPROVED

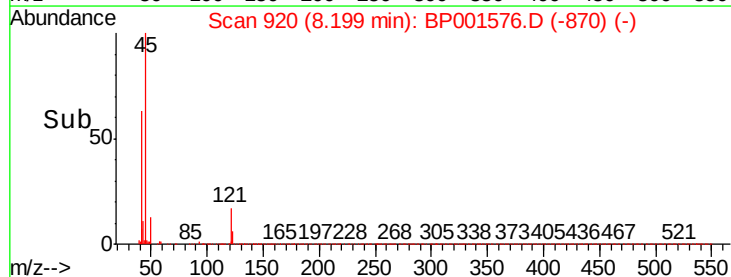
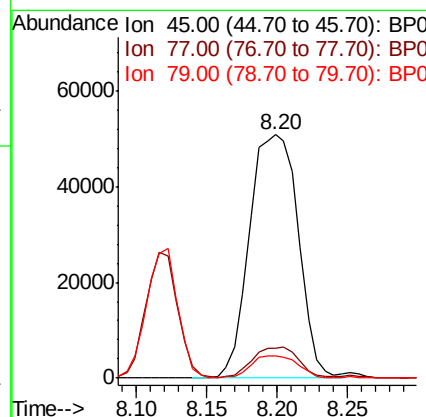
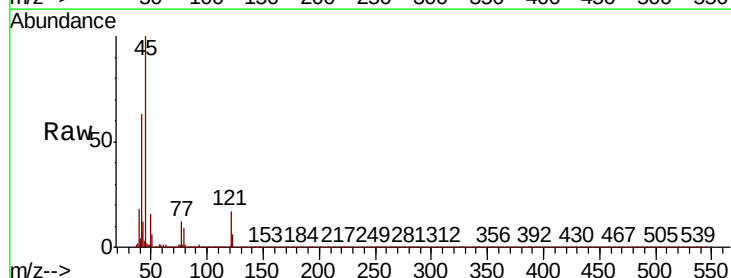
mohammad

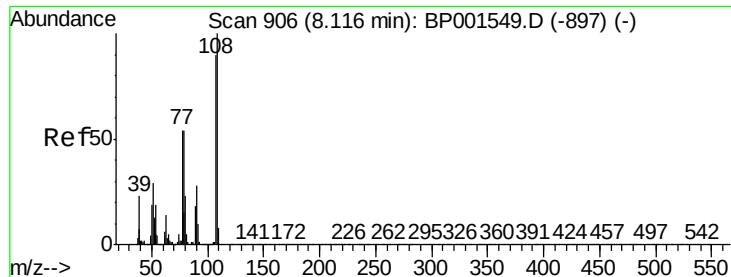
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 39.294 ng
RT: 8.20 min Scan# 920
Delta R.T. -0.01 min
Lab File: BP001576.D
Acq: 09 Jan 2020 12:59

Tgt Ion	Ratio	Lower	Upper
45	100		
77	12.1	0.0	32.6
79	9.1	0.0	29.3





#17
2-Methylphenol
Concen: 45.567 ng
RT: 8.12 min Scan# 906
Delta R.T. 0.00 min
Lab File: BP001576.D
Acq: 09 Jan 2020 12:59

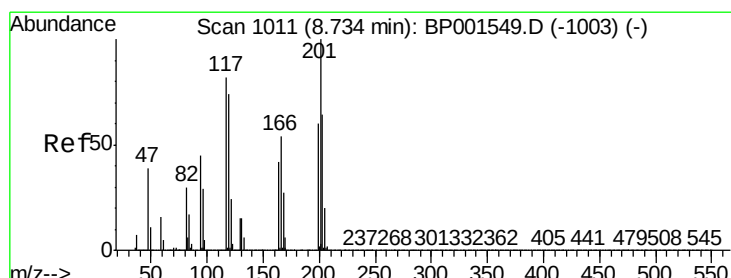
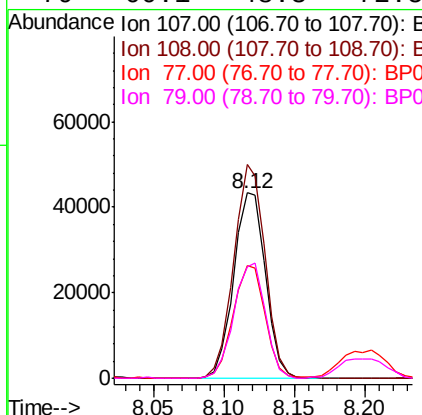
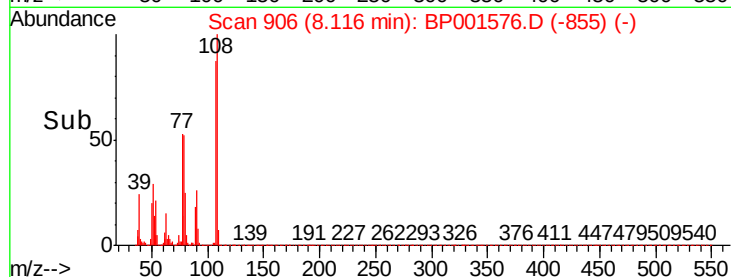
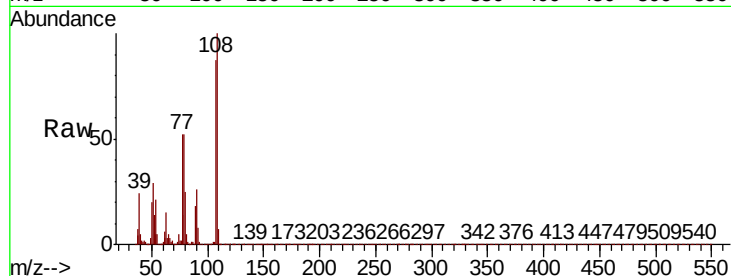
Instrument :
BNA_P
ClientSampleId :
PB125970BS

Tot Ion	Ratio	Lower	Upper
107	100		
108	115.3	89.2	133.8
77	60.5	47.9	71.9
79	60.1	48.3	72.5

Manual Integrations
APPROVED

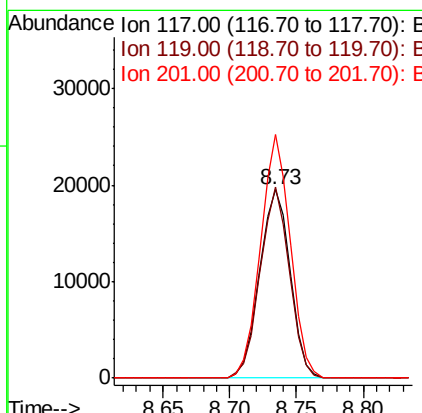
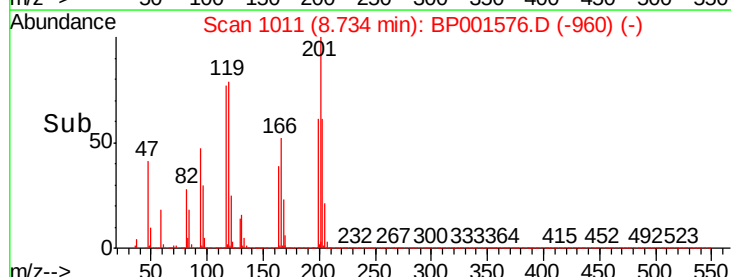
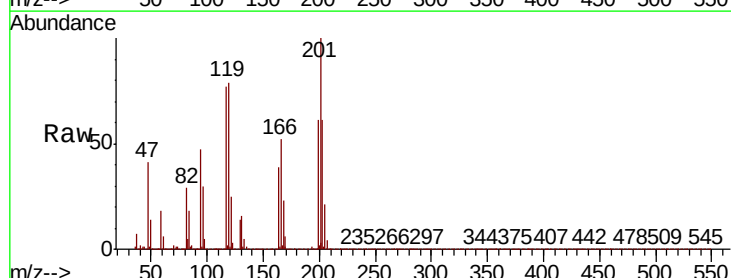
mohammad

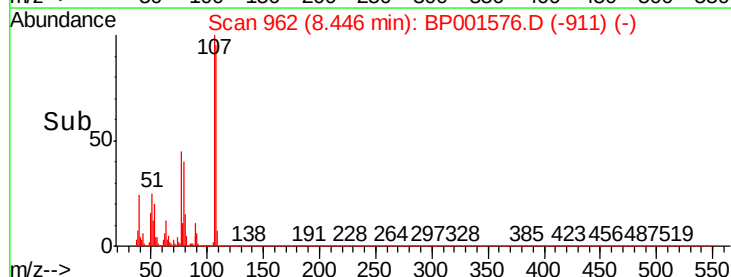
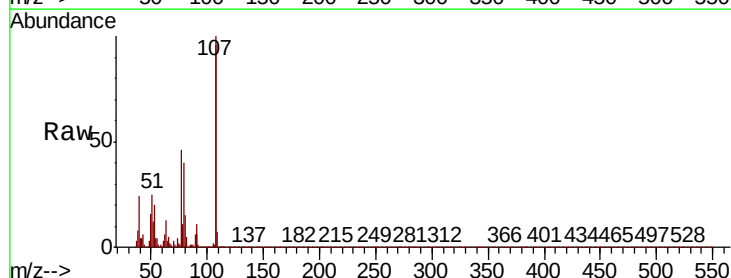
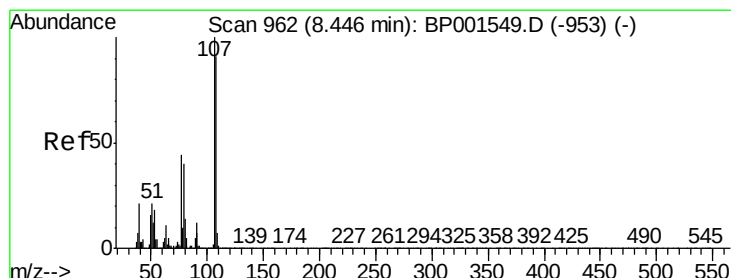
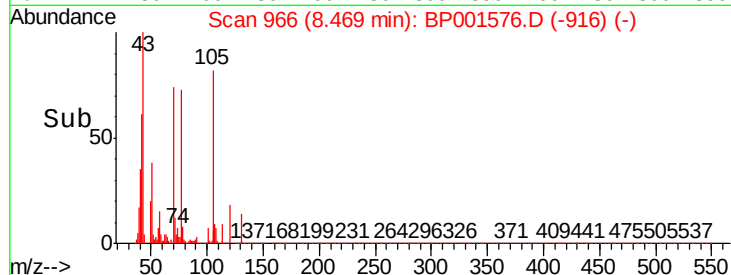
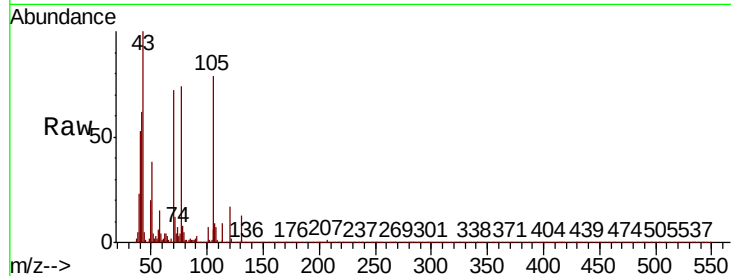
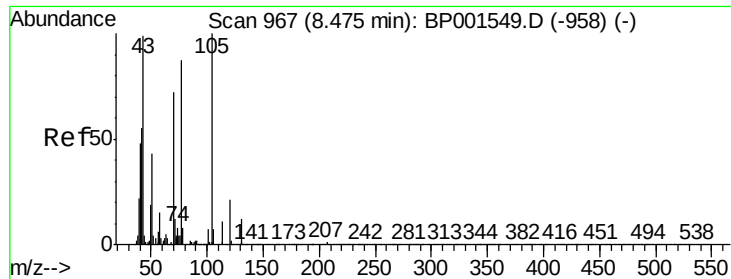
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#18
Hexachloroethane
Concen: 40.404 ng
RT: 8.73 min Scan# 1011
Delta R.T. 0.00 min
Lab File: BP001576.D
Acq: 09 Jan 2020 12:59

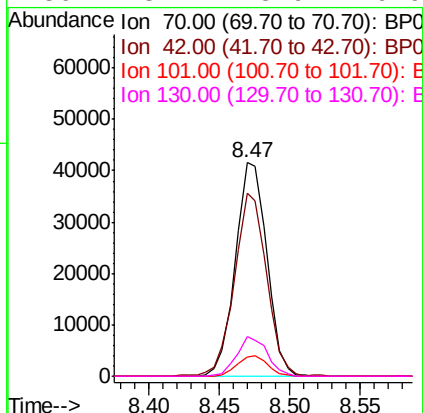
Tgt Ion	Ratio	Lower	Upper
117	100		
119	101.8	71.8	107.8
201	129.5	97.6	146.4





#19
n-Nitroso-di-n-propylamine
Concen: 40.935 ng
RT: 8.47 min Scan# 966
Delta R.T. -0.01 min
Lab File: BP001576.D
Acq: 09 Jan 2020 12:59

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	85.7	62.3	93.5	
101	9.2	7.3	10.9	
130	18.7	13.9	20.9	



Instrument :
BNA_P
ClientSampleId :
PB125970BS

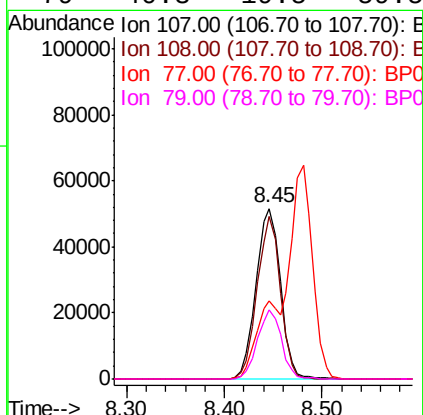
Manual Integrations
APPROVED

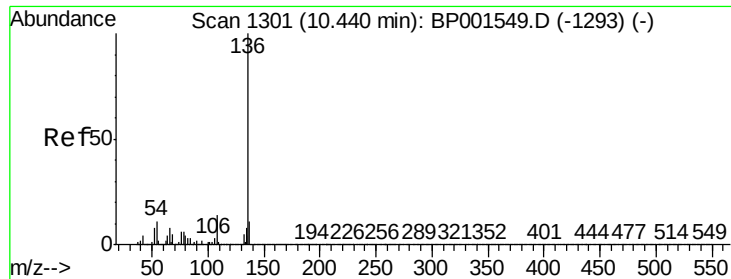
mohammad

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#20
3+4-Methylphenols
Concen: 43.592 ng
RT: 8.45 min Scan# 962
Delta R.T. 0.00 min
Lab File: BP001576.D
Acq: 09 Jan 2020 12:59

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	95.5	71.2	111.2	
77	45.8	24.4	64.4	
79	40.3	19.5	59.5	





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.44 min Scan# 1301
Delta R.T. 0.00 min
Lab File: BP001576.D
Acq: 09 Jan 2020 12:59

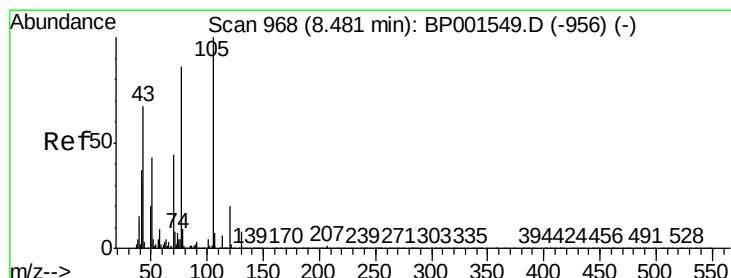
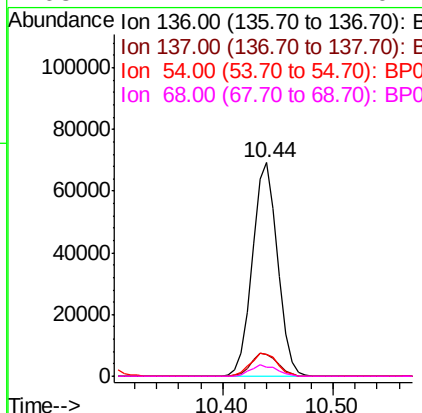
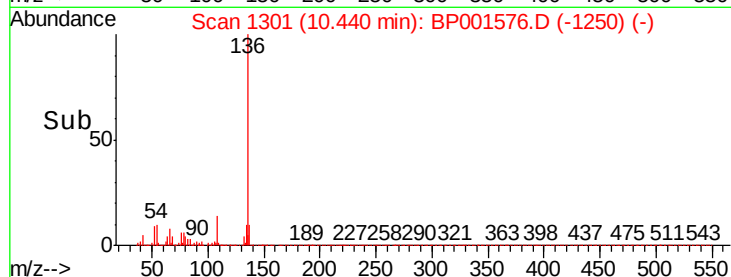
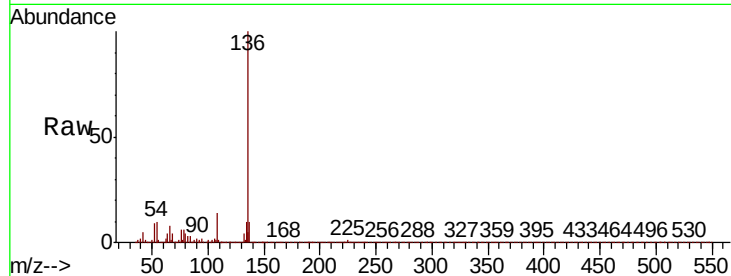
Instrument :
BNA_P
ClientSampled :
PB125970BS

Tot Ion	Ratio	Resp	Lower	Upper
136	100	110833		
137	10.1		8.6	12.8
54	10.3		9.2	13.8
68	4.2		4.1	6.1

Manual Integrations
APPROVED

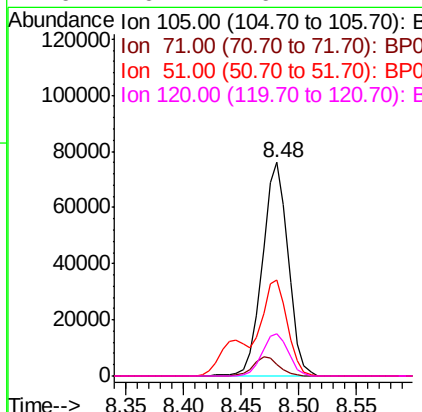
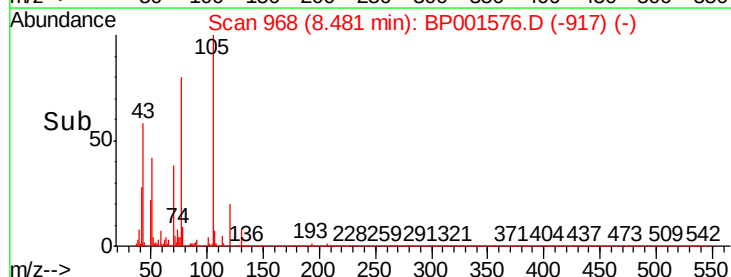
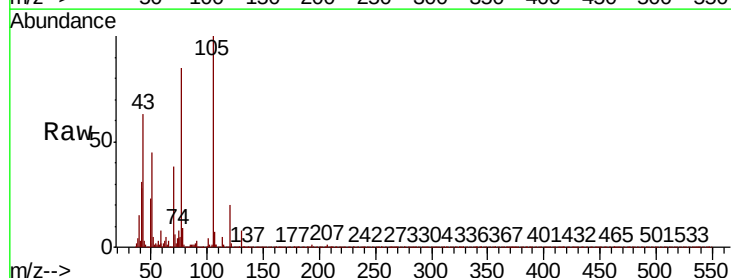
mohammad

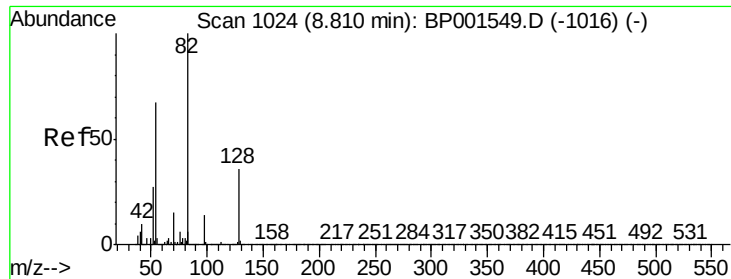
1/10/2020 1:07:34 PM



#22
Acetophenone
Concen: 38.150 ng
RT: 8.48 min Scan# 968
Delta R.T. 0.00 min
Lab File: BP001576.D
Acq: 09 Jan 2020 12:59

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	118530		
71	5.6		6.6	10.0#
51	44.7		34.1	51.1
120	20.1		16.1	24.1





#23
 Nitrobenzene-d5
 Concen: 76.158 ng
 RT: 8.81 min Scan# 1024
 Delta R.T. 0.00 min
 Lab File: BP001576.D
 Acq: 09 Jan 2020 12:59

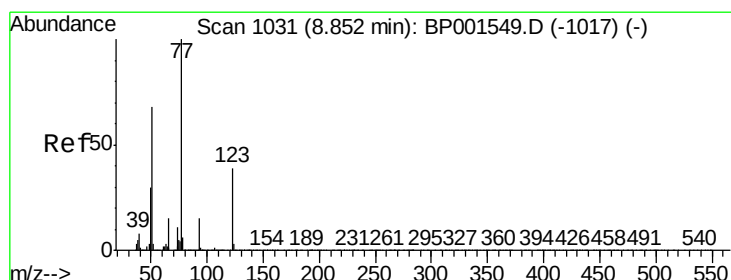
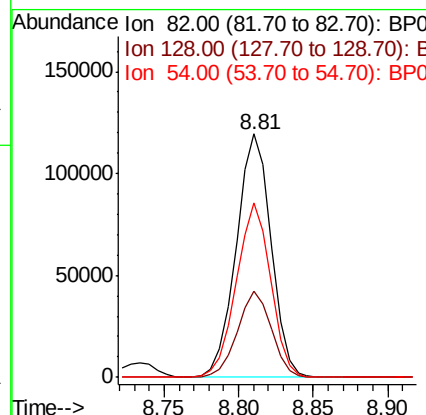
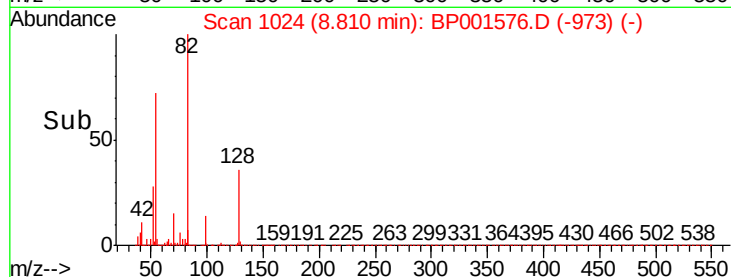
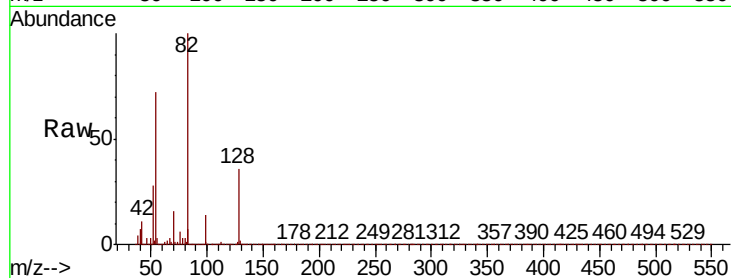
Instrument :
 BNA_P
 ClientSampleId :
 PB125970BS

Tot Ion:	82	Resp:	193165
Ion Ratio	Lower	Upper	
82	100		
128	35.6	28.4	42.6
54	71.8	53.4	80.2

Manual Integrations
 APPROVED

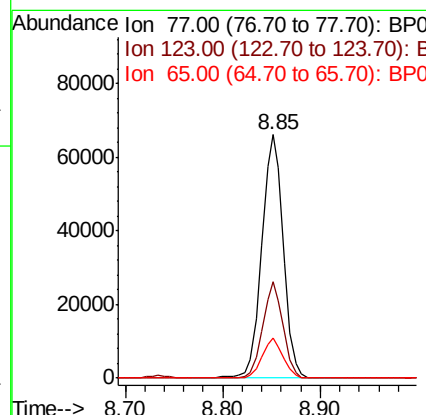
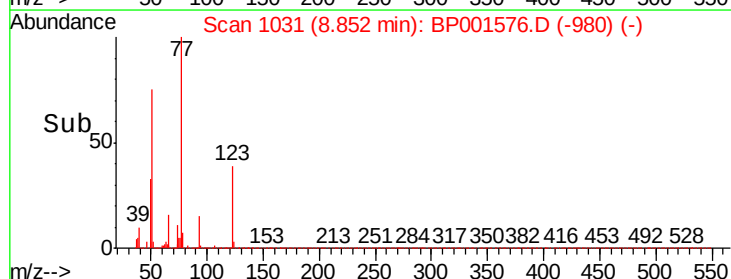
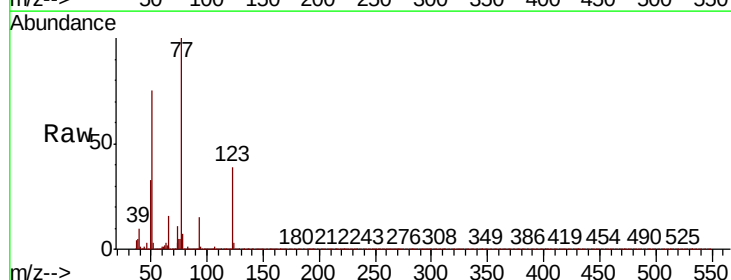
mohammad

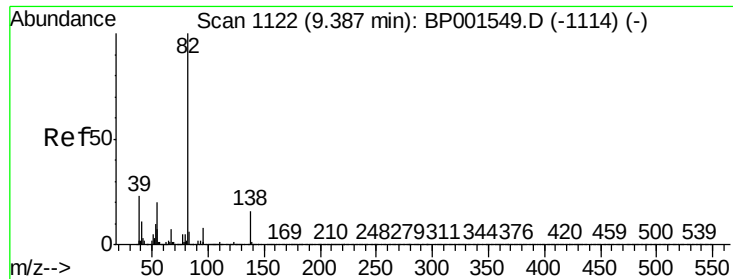
1/10/2020 1:07:34 PM



#24
 Nitrobenzene
 Concen: 39.908 ng
 RT: 8.85 min Scan# 1031
 Delta R.T. 0.00 min
 Lab File: BP001576.D
 Acq: 09 Jan 2020 12:59

Tgt Ion:	77	Resp:	102402
Ion Ratio	Lower	Upper	
77	100		
123	39.3	31.1	46.7
65	16.3	12.4	18.6





#25
Isophorone
Concen: 38.592 ng
RT: 9.38 min Scan# 1121
Delta R.T. -0.01 min
Lab File: BP001576.D
Acq: 09 Jan 2020 12:59

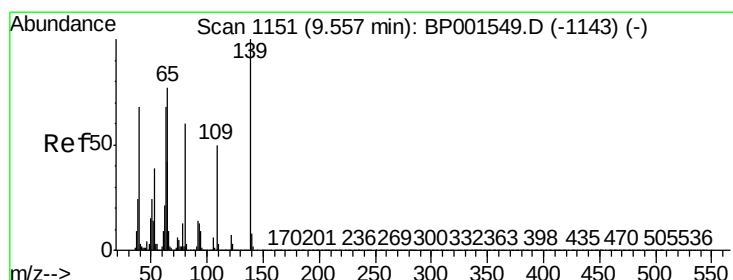
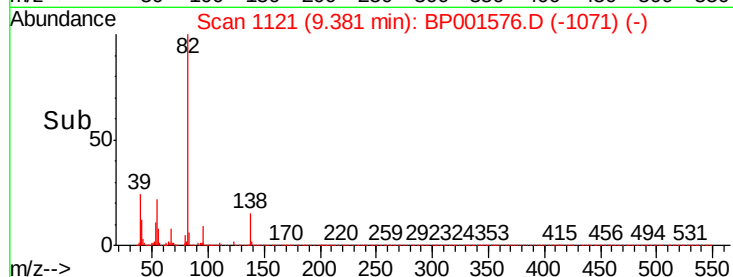
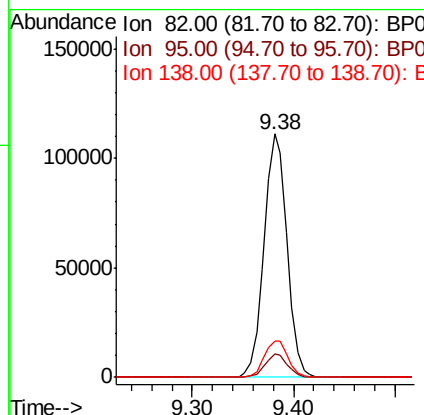
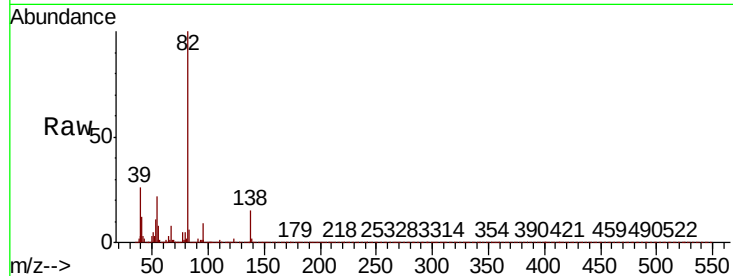
Instrument :
BNA_P
ClientSampleId :
PB125970BS

Tot Ion	Ratio	Lower	Upper
82	100		
95	9.4	6.7	10.1
138	14.7	12.5	18.7

Manual Integrations
APPROVED

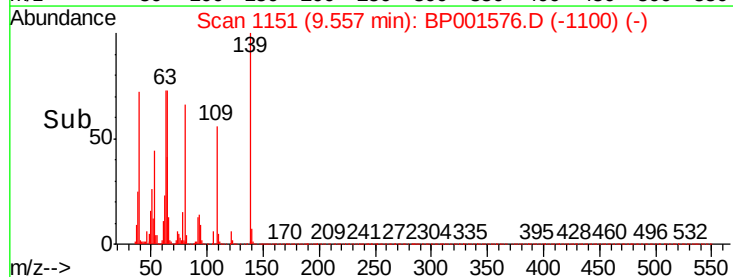
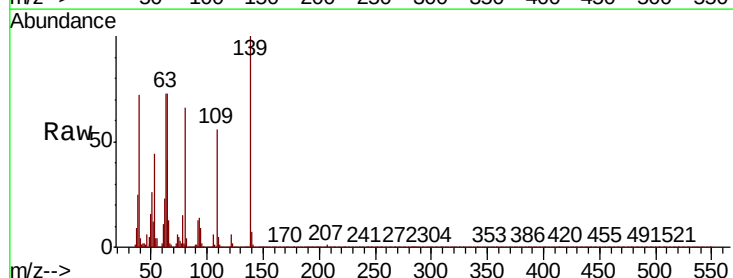
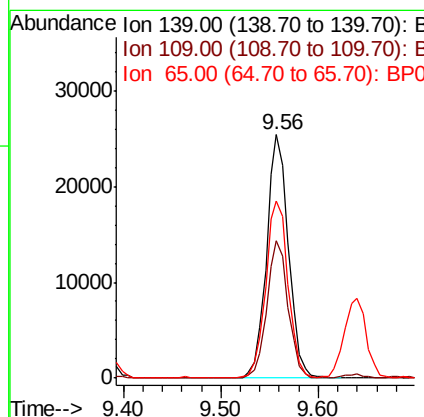
mohammad

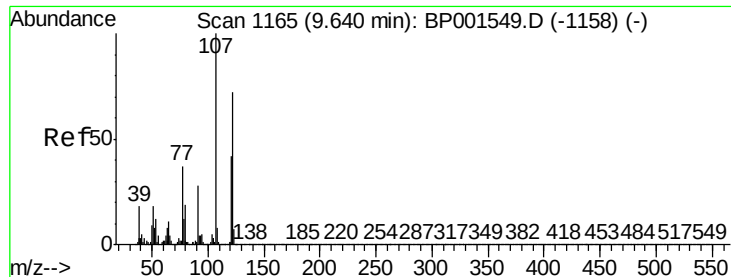
1/10/2020 1:07:34 PM



#26
2-Nitrophenol
Concen: 41.272 ng
RT: 9.56 min Scan# 1151
Delta R.T. 0.00 min
Lab File: BP001576.D
Acq: 09 Jan 2020 12:59

Tgt Ion	Ratio	Lower	Upper
139	100		
109	56.3	39.6	59.4
65	72.9	61.3	91.9





#27
2,4-Dimethylphenol
Concen: 49.678 ng
RT: 9.64 min Scan# 1165
Delta R.T. 0.00 min
Lab File: BP001576.D
Acq: 09 Jan 2020 12:59

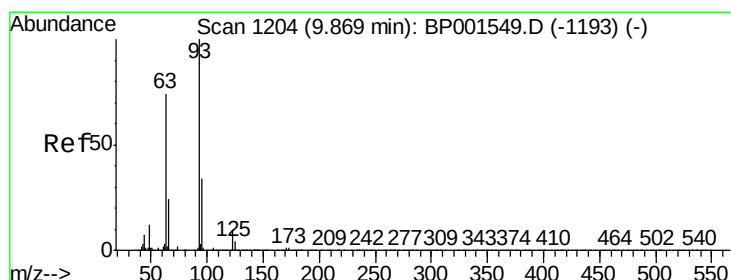
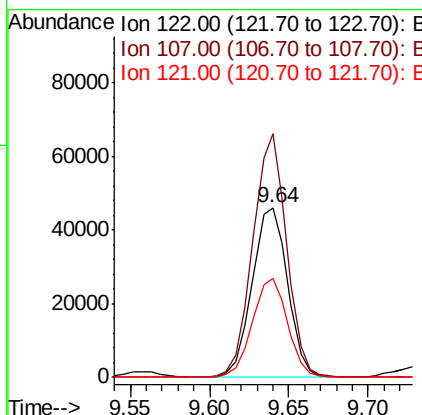
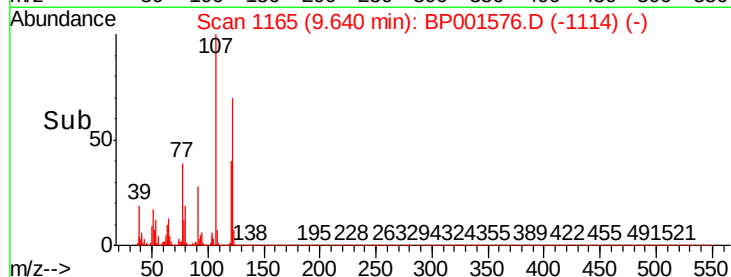
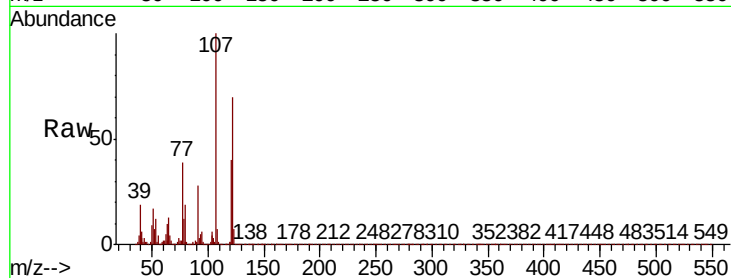
Instrument :
BNA_P
ClientSampleId :
PB125970BS

Tot Ion	Ratio	Lower	Upper
122	100		
107	143.7	111.8	167.6
121	58.1	47.4	71.0

Manual Integrations
APPROVED

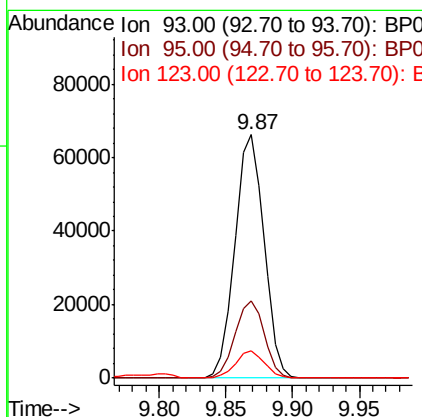
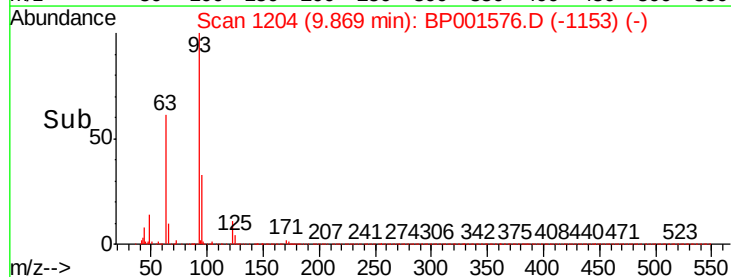
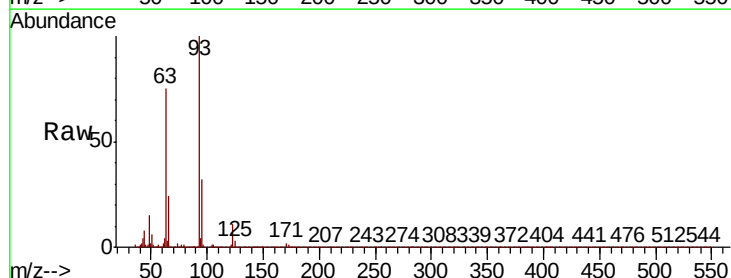
mohammad

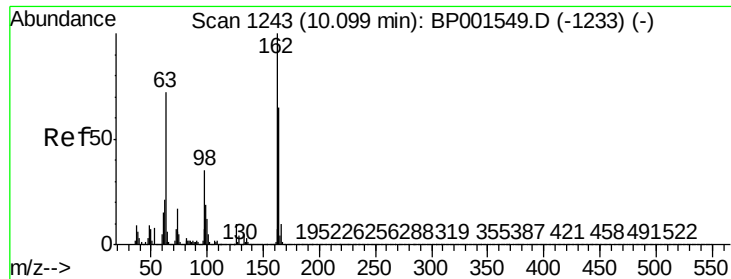
1/10/2020 1:07:34 PM



#28
bis(2-Chloroethoxy)methane
Concen: 37.669 ng
RT: 9.87 min Scan# 1204
Delta R.T. 0.00 min
Lab File: BP001576.D
Acq: 09 Jan 2020 12:59

Tgt Ion	Ratio	Lower	Upper
93	100		
95	31.9	26.9	40.3
123	11.1	8.0	12.0





#29
2,4-Dichlorophenol
Concen: 43.410 ng
RT: 10.10 min Scan# 1243
Delta R.T. 0.00 min
Lab File: BP001576.D
Acq: 09 Jan 2020 12:59

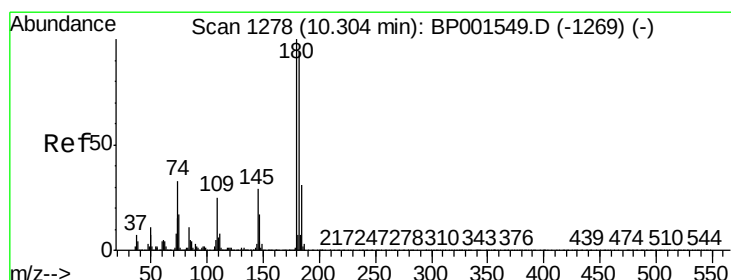
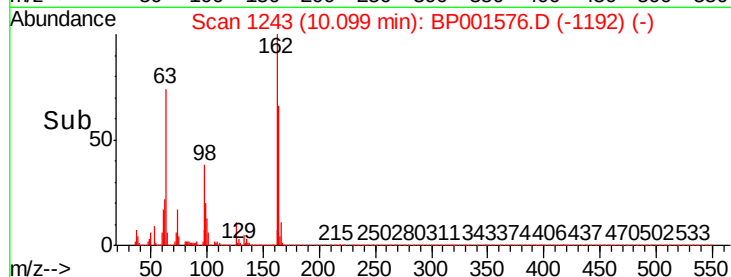
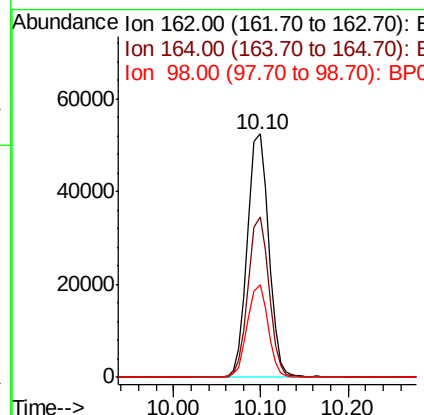
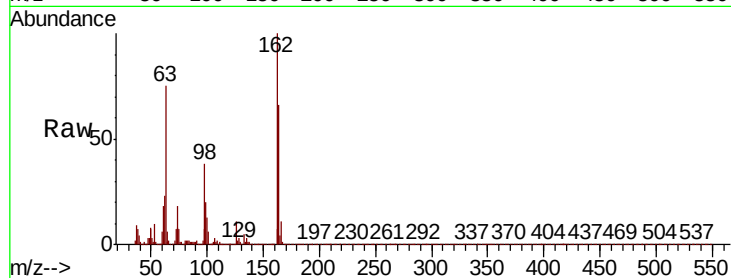
Instrument :
BNA_P
ClientSampleId :
PB125970BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
162	100		86083		
164	65.8	44.9	84.9		
98	38.2	14.9	54.9		

Manual Integrations
APPROVED

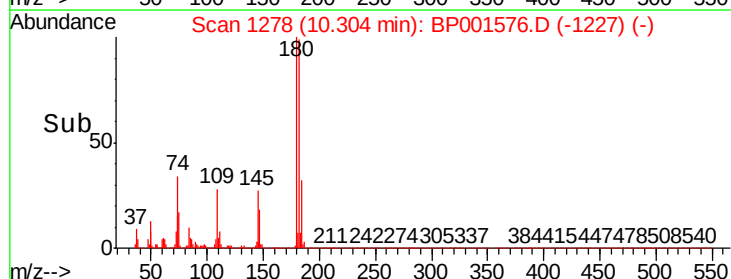
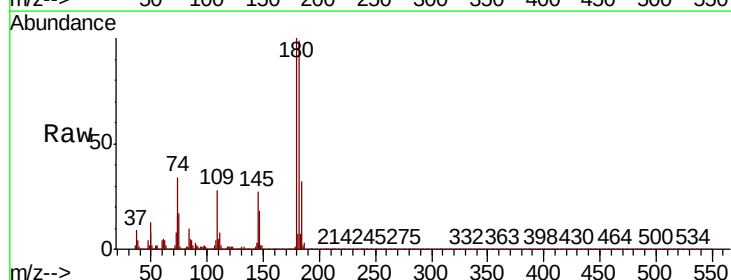
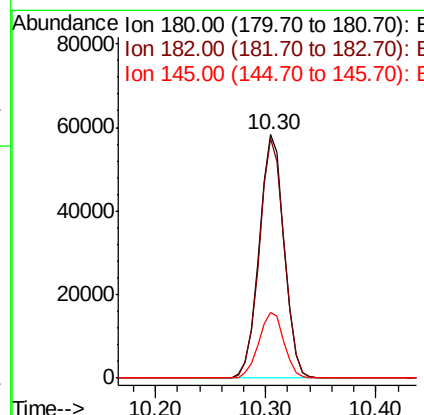
mohammad

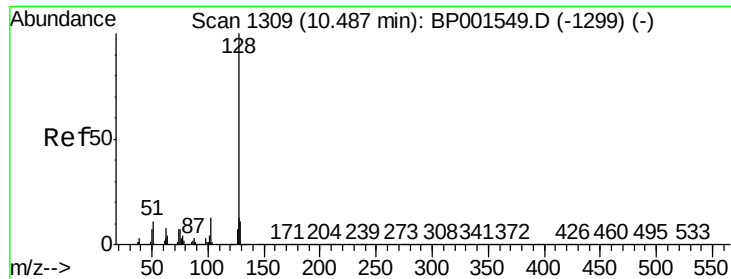
1/10/2020 1:07:34 PM



#30
1,2,4-Trichlorobenzene
Concen: 38.438 ng
RT: 10.30 min Scan# 1278
Delta R.T. 0.00 min
Lab File: BP001576.D
Acq: 09 Jan 2020 12:59

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
180	100		92015		
182	98.6	75.2	112.8		
145	26.9	22.9	34.3		





#31
Naphthalene
Concen: 39.786 ng
RT: 10.49 min Scan# 1309
Delta R.T. 0.00 min
Lab File: BP001576.D
Acq: 09 Jan 2020 12:59

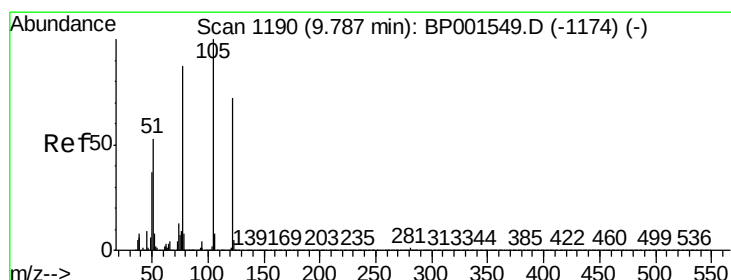
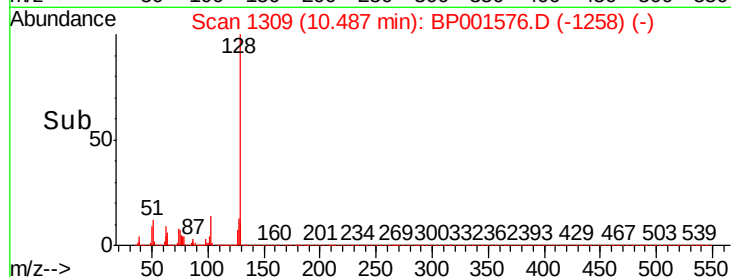
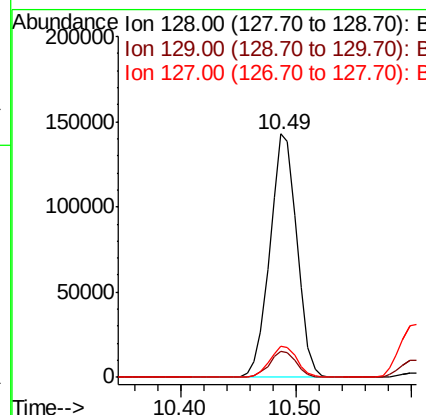
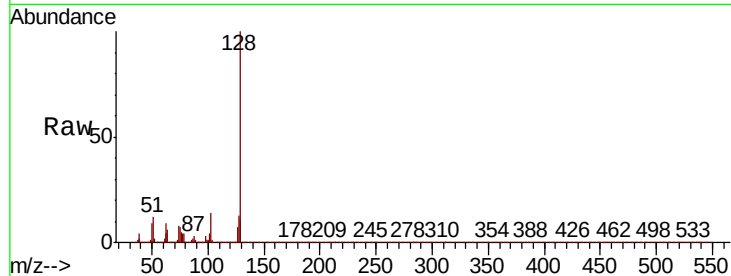
Instrument :
BNA_P
ClientSampleId :
PB125970BS

Tot Ion:	128	Resp:	232727
Ion Ratio	Lower	Upper	
128	100		
129	10.7	8.9	13.3
127	12.6	10.6	16.0

Manual Integrations
APPROVED

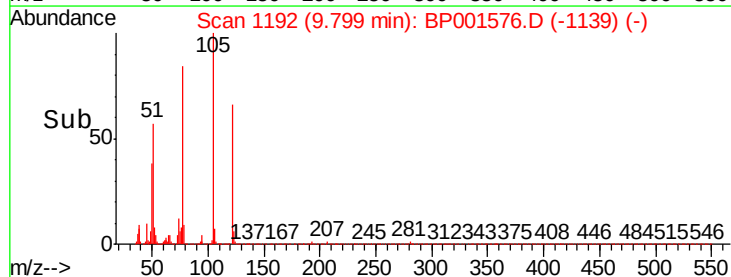
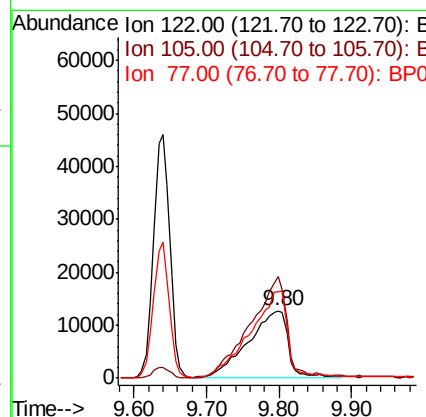
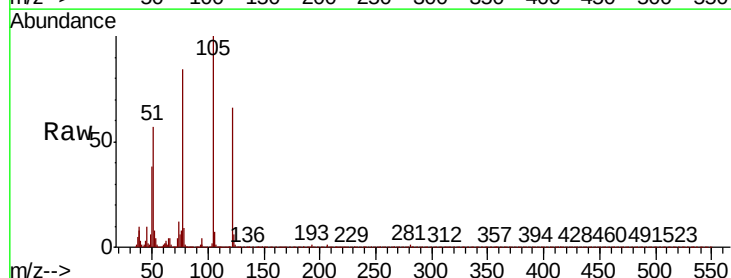
mohammad

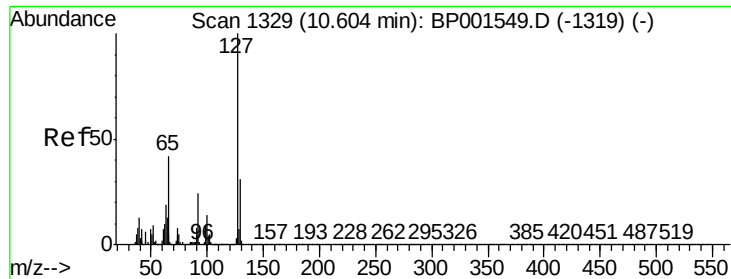
1/10/2020 1:07:34 PM



#32
Benzoic acid
Concen: 37.778 ng
RT: 9.80 min Scan# 1192
Delta R.T. 0.01 min
Lab File: BP001576.D
Acq: 09 Jan 2020 12:59

Tgt Ion:	122	Resp:	47807
Ion Ratio	Lower	Upper	
122	100		
105	151.9	119.5	159.5
77	128.3	102.8	142.8





#33
4-Chloroaniline
Concen: 21.162 ng
RT: 10.60 min Scan# 1329
Delta R.T. 0.00 min
Lab File: BP001576.D
Acq: 09 Jan 2020 12:59

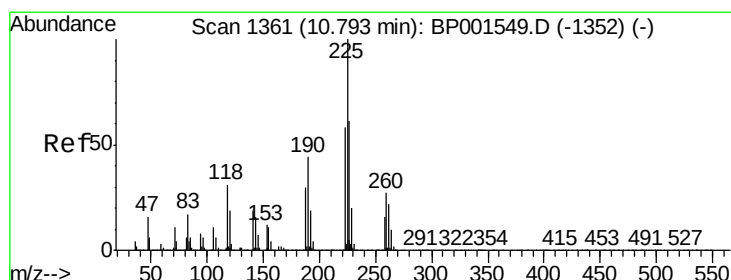
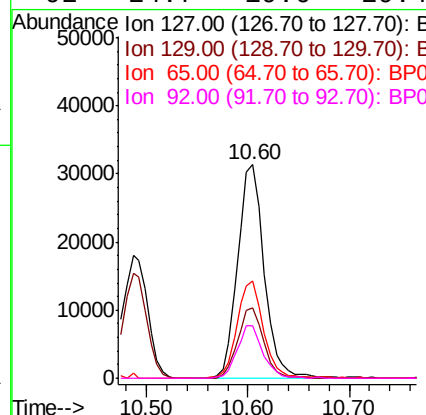
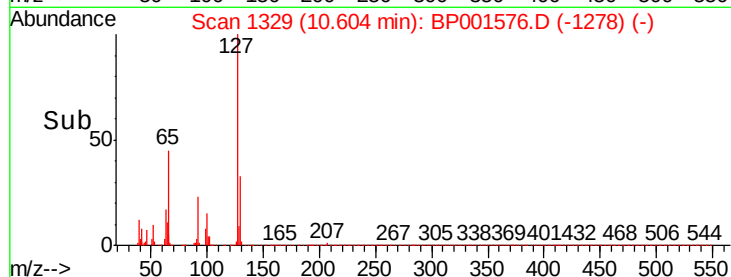
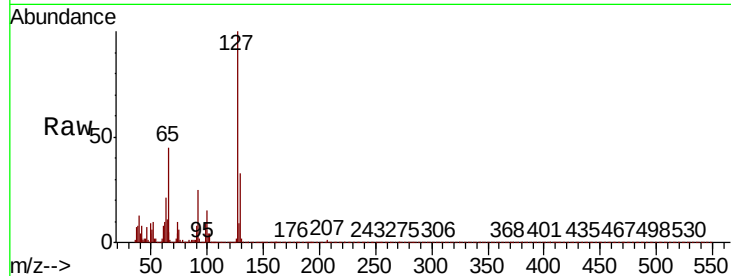
Instrument :
BNA_P
ClientSampleId :
PB125970BS

Tot Ion	Ratio	Lower	Upper
127	100		
129	32.8	24.9	37.3
65	45.5	33.3	49.9
92	24.7	19.6	29.4

Manual Integrations
APPROVED

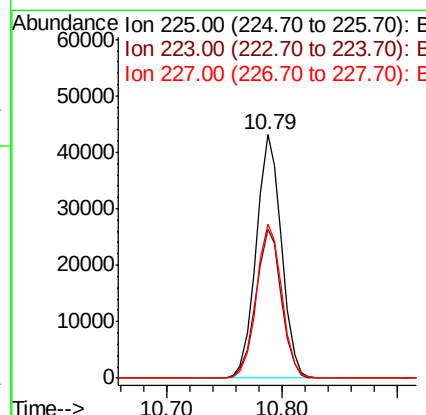
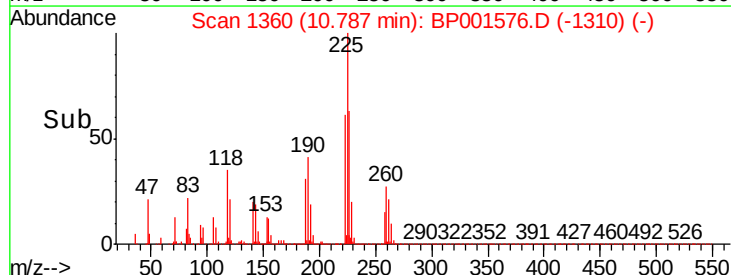
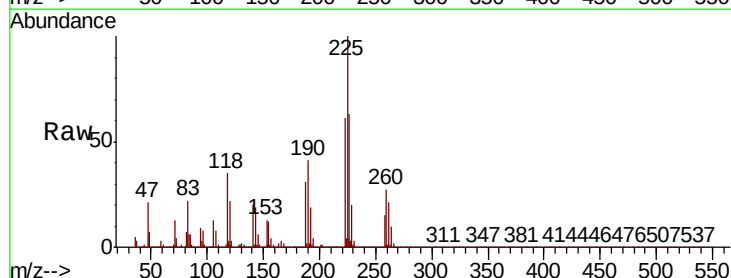
mohammad

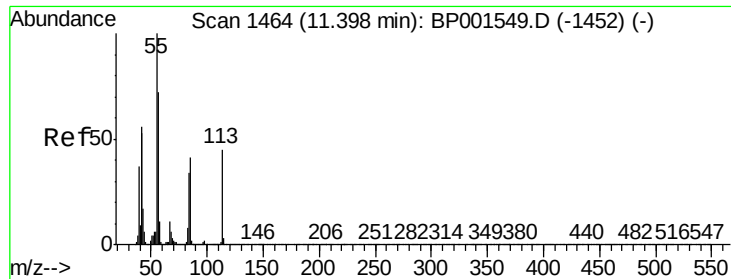
1/10/2020 1:07:34 PM



#34
Hexachlorobutadiene
Concen: 38.735 ng
RT: 10.79 min Scan# 1360
Delta R.T. -0.01 min
Lab File: BP001576.D
Acq: 09 Jan 2020 12:59

Tgt Ion	Ratio	Lower	Upper
225	100		
223	61.3	46.5	69.7
227	63.2	48.8	73.2





#35
Caprolactam
Concen: 29.984 ng/ml
RT: 11.39 min Scan# 1463
Delta R.T. -0.01 min
Lab File: BP001576.D
Acq: 09 Jan 2020 12:59

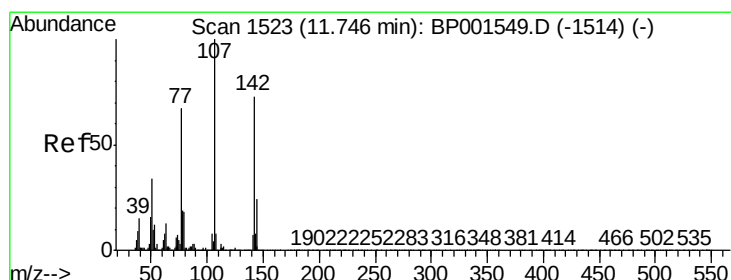
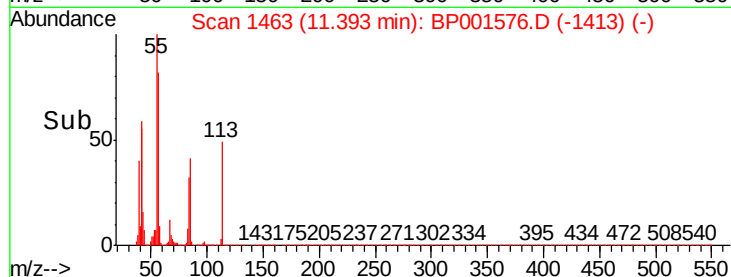
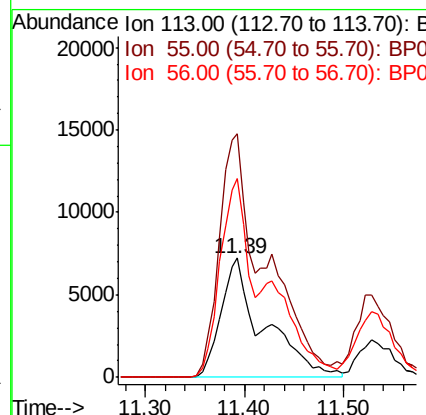
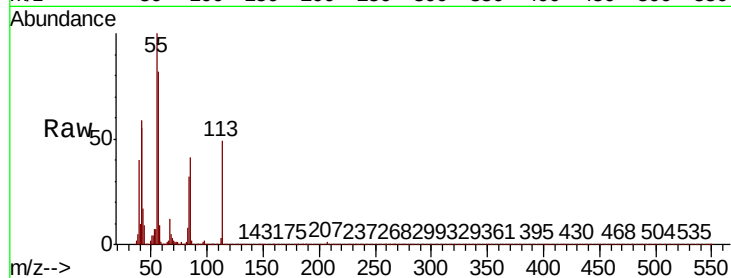
Instrument :
BNA_P
ClientSampleID :
PB125970BS

Tot Ion	Ion	Ratio	Lower	Upper
113	100			
55	204.7	202.7	242.7	
56	167.0	140.0	180.0	

Manual Integrations
APPROVED

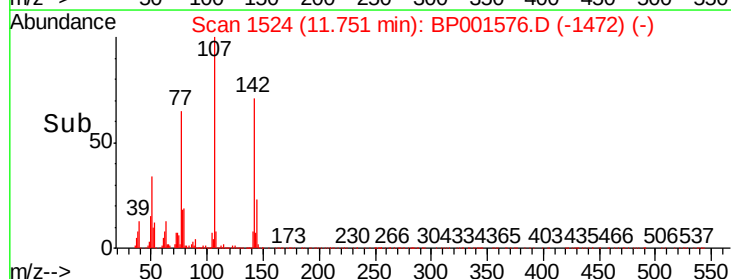
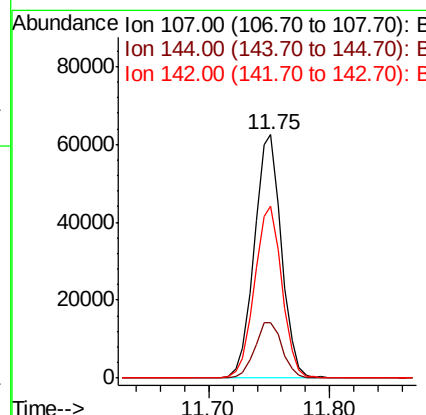
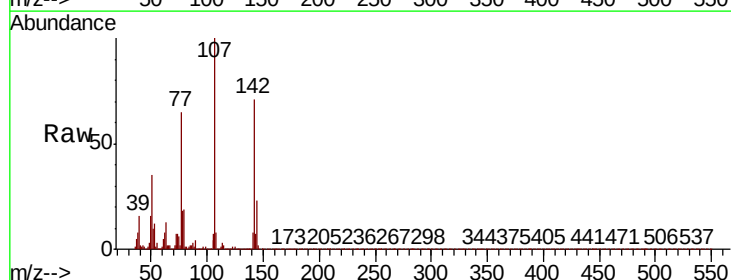
mohammad

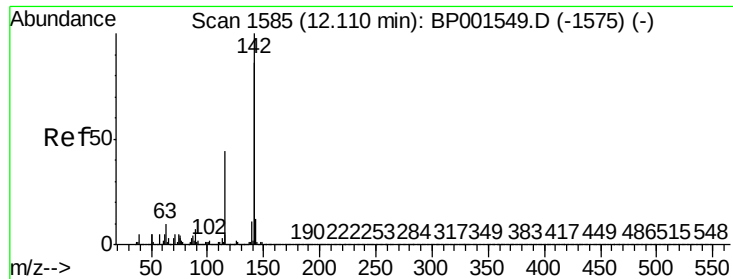
1/10/2020 1:07:34 PM



#36
4-Chloro-3-methylphenol
Concen: 41.141 ng
RT: 11.75 min Scan# 1524
Delta R.T. 0.01 min
Lab File: BP001576.D
Acq: 09 Jan 2020 12:59

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
144	23.0	18.9	28.3	
142	70.7	58.0	87.0	





#37
2-Methylnaphthalene
Concen: 40.013 ng
RT: 12.11 min Scan# 1585
Delta R.T. 0.00 min
Lab File: BP001576.D
Acq: 09 Jan 2020 12:59

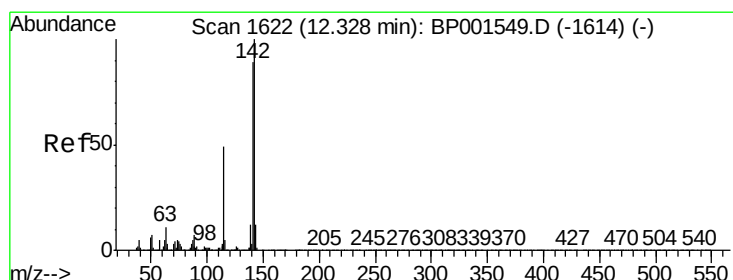
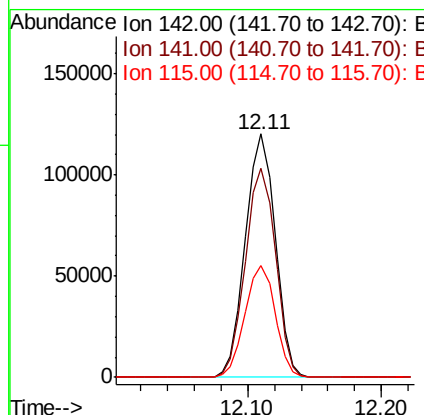
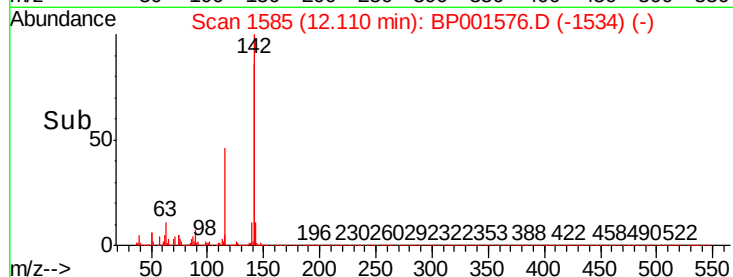
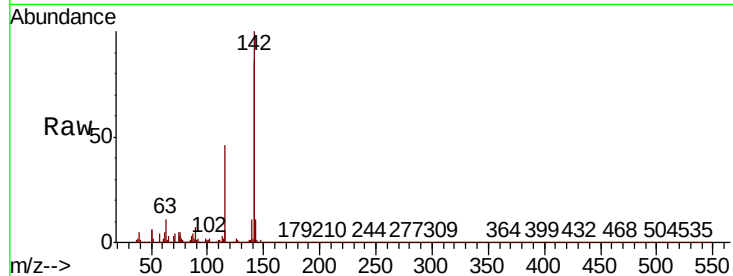
Instrument :
BNA_P
ClientSampleId :
PB125970BS

Tot Ion:	142	Resp:	186528
Ion Ratio	Lower	Upper	
142	100		
141	85.7	68.4	102.6
115	46.1	35.1	52.7

Manual Integrations
APPROVED

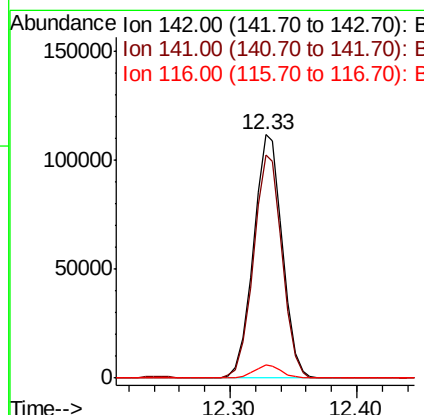
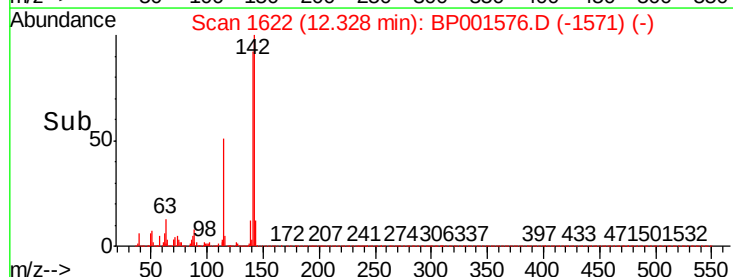
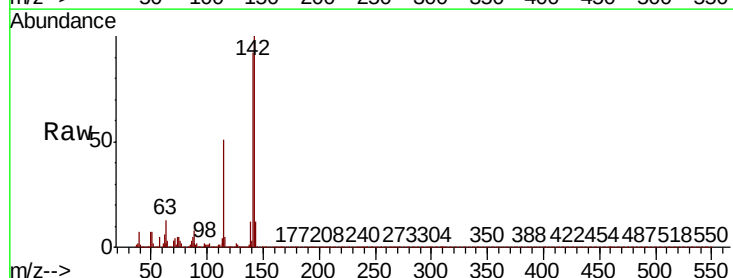
mohammad

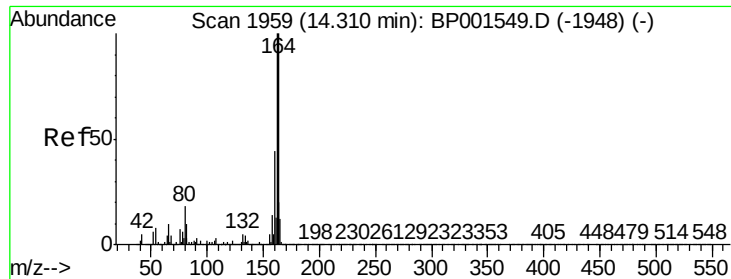
1/10/2020 1:07:34 PM



#38
1-Methylnaphthalene
Concen: 39.177 ng
RT: 12.33 min Scan# 1622
Delta R.T. 0.00 min
Lab File: BP001576.D
Acq: 09 Jan 2020 12:59

Tgt Ion:	142	Resp:	175750
Ion Ratio	Lower	Upper	
142	100		
141	91.9	70.9	106.3
116	5.3	4.1	6.1





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.31 min Scan# 1959

Delta R.T. 0.00 min

Lab File: BP001576.D

Acq: 09 Jan 2020 12:59

Instrument :

BNA_P

ClientSampleId :

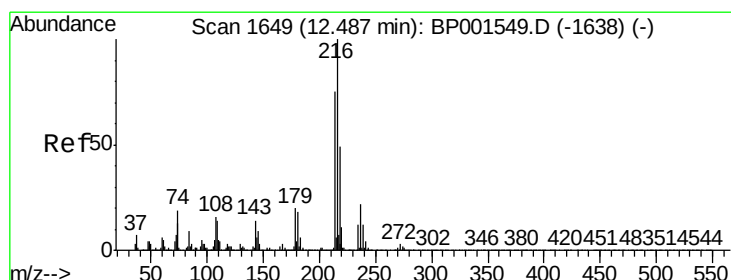
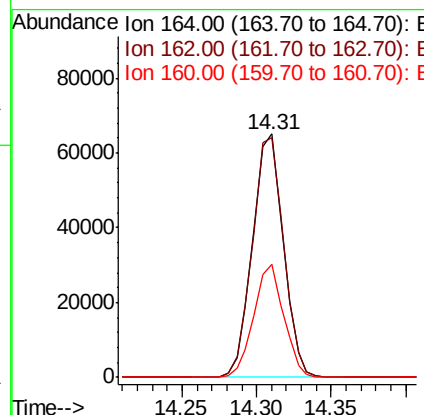
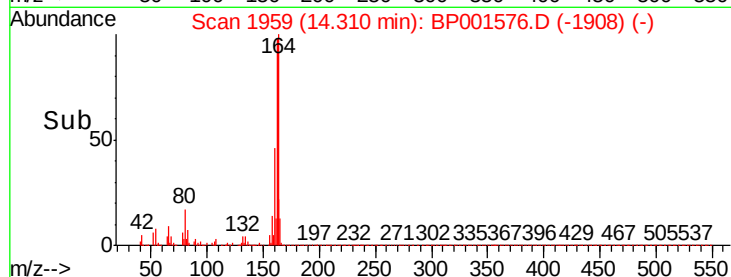
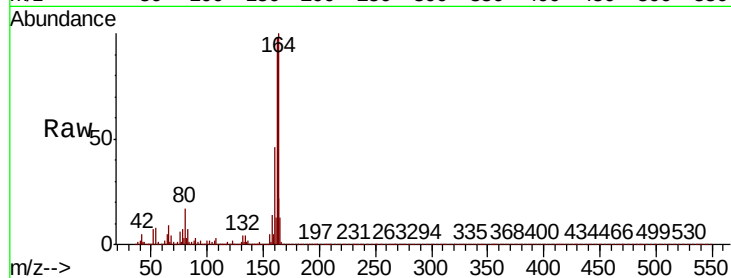
PB125970BS

Tot Ion:	164	Resp:	92820
Ion Ratio	Lower	Upper	
164	100		
162	98.4	79.8	119.6
160	46.5	35.0	52.6

Manual Integrations
APPROVED

mohammad

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#40

1,2,4,5-Tetrachlorobenzene

Concen: 39.167 ng

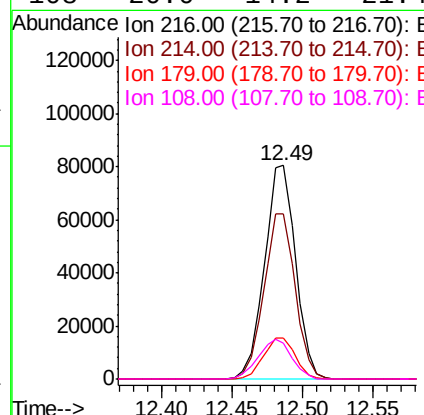
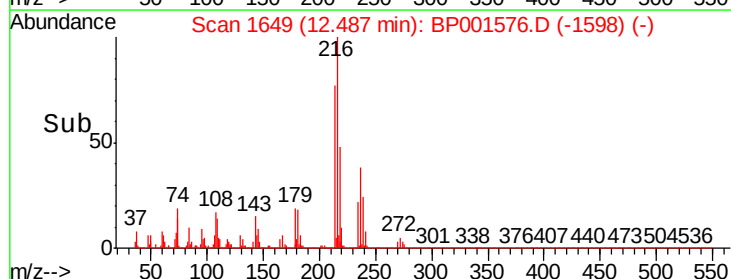
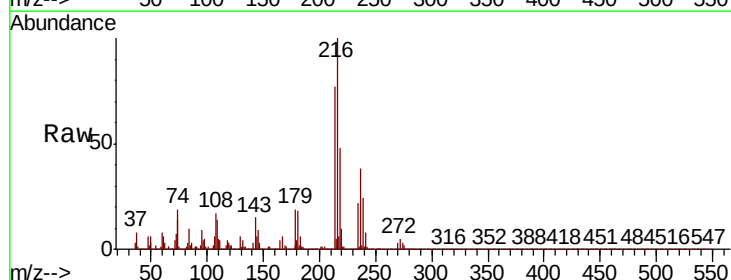
RT: 12.49 min Scan# 1649

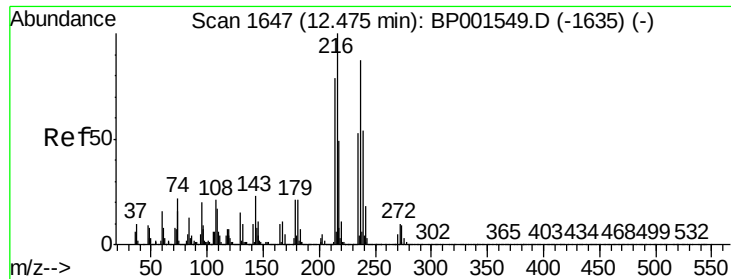
Delta R.T. 0.00 min

Lab File: BP001576.D

Acq: 09 Jan 2020 12:59

Tgt Ion:	216	Resp:	124534
Ion Ratio	Lower	Upper	
216	100		
214	77.5	61.3	91.9
179	19.7	15.7	23.5
108	20.0	14.2	21.4





#41
Hexachlorocyclopentadiene
Concen: 82.196 ng
RT: 12.47 min Scan# 1647
Delta R.T. 0.00 min
Lab File: BP001576.D
Acq: 09 Jan 2020 12:59

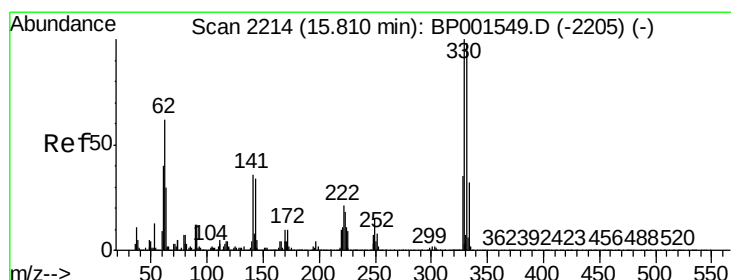
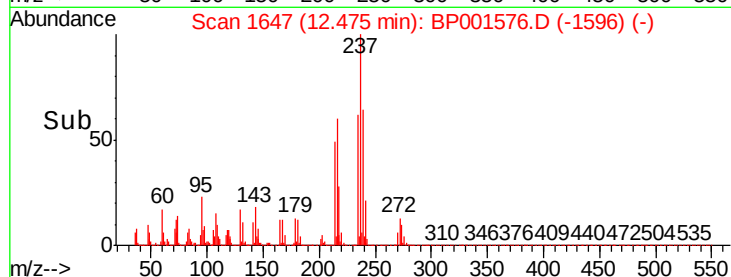
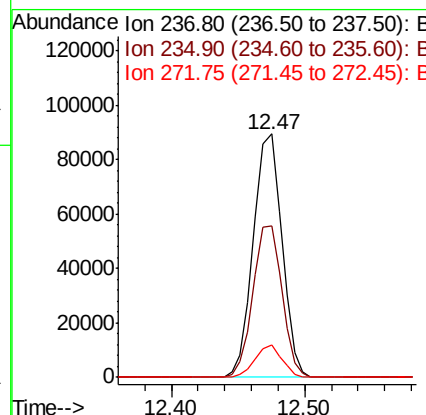
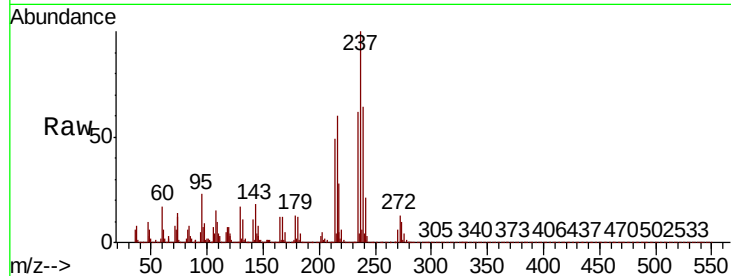
Instrument :
BNA_P
ClientSampleId :
PB125970BS

Tot Ion	Ratio	Resp	Lower	Upper
237	100			
235	62.2	41.6	81.6	
272	13.1	0.0	31.2	

Manual Integrations
APPROVED

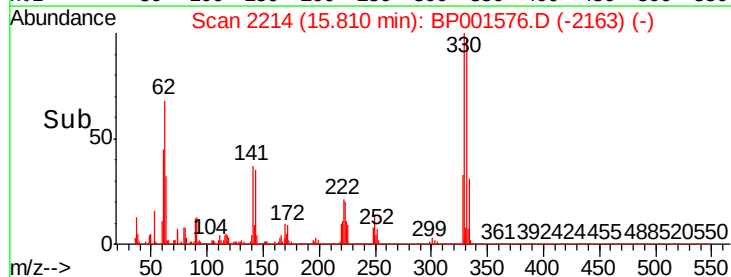
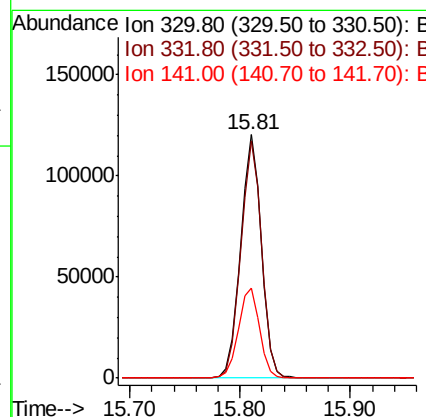
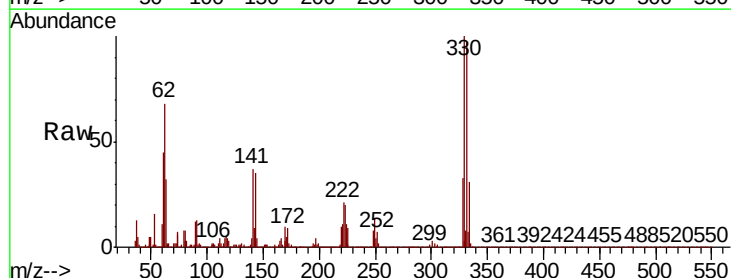
mohammad

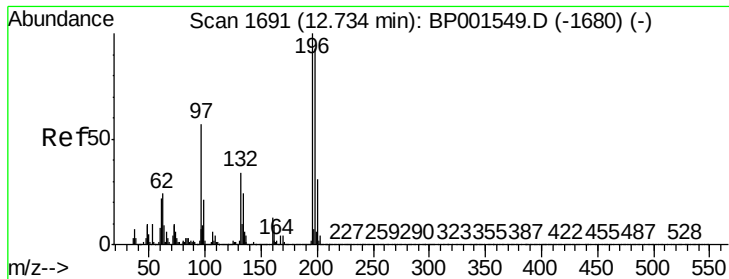
1/10/2020 1:07:34 PM



#42
2,4,6-Tribromophenol
Concen: 112.870 ng
RT: 15.81 min Scan# 2214
Delta R.T. 0.00 min
Lab File: BP001576.D
Acq: 09 Jan 2020 12:59

Tgt Ion	Ratio	Resp	Lower	Upper
330	100			
332	97.8	77.8	116.6	
141	37.9	28.7	43.1	





#43
 2,4,6-Trichlorophenol
 Concen: 40.940 ng
 RT: 12.73 min Scan# 1691
 Delta R.T. 0.00 min
 Lab File: BP001576.D
 Acq: 09 Jan 2020 12:59

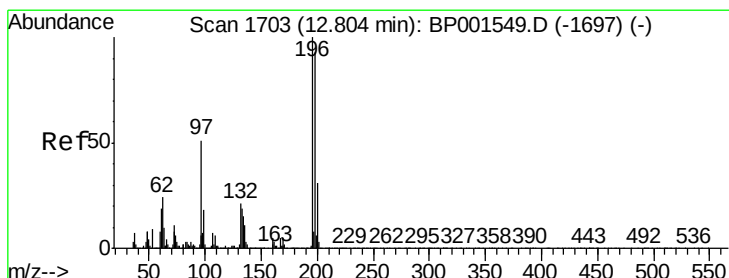
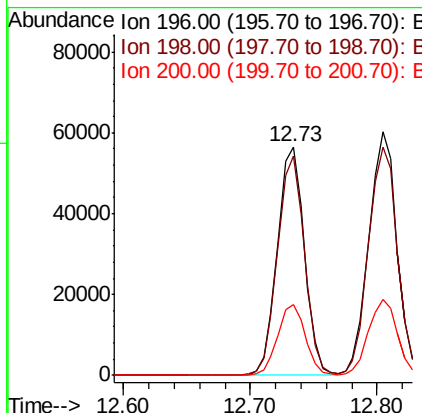
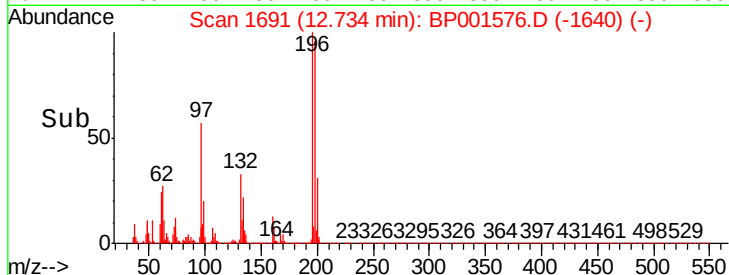
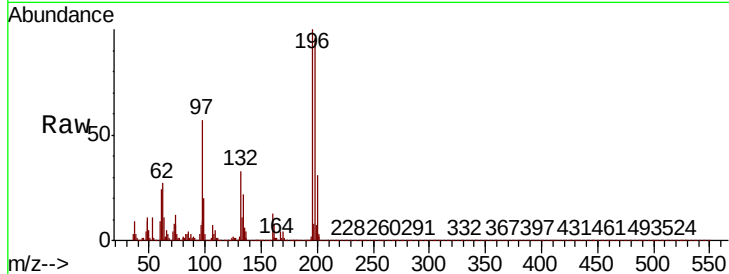
Instrument :
 BNA_P
 ClientSampleId :
 PB125970BS

Tot Ion	Ratio	Lower	Upper
196	100		
198	96.1	74.2	111.4
200	31.1	24.6	37.0

Manual Integrations
 APPROVED

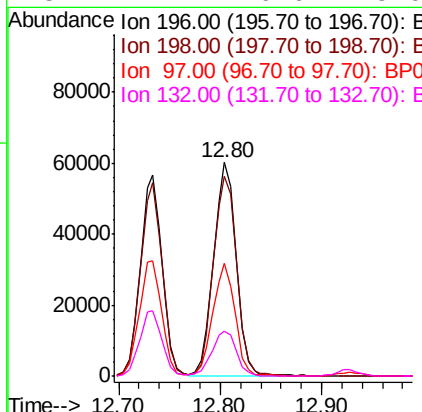
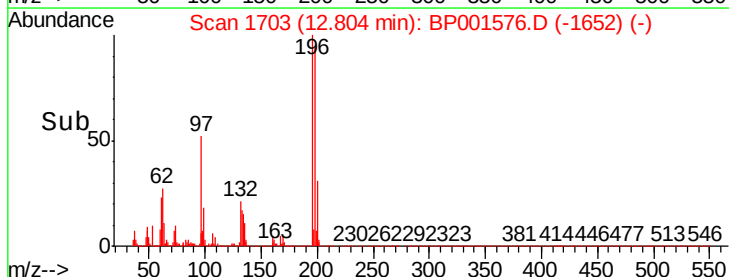
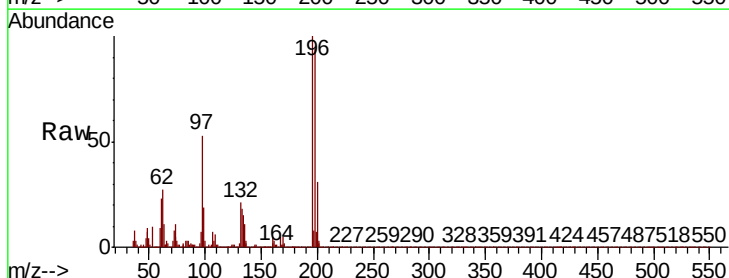
mohammad

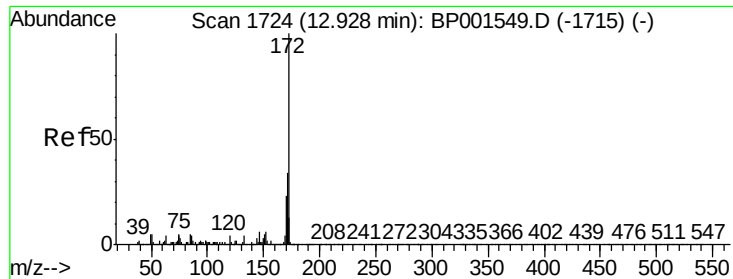
1/10/2020 1:07:34 PM



#44
 2,4,5-Trichlorophenol
 Concen: 42.904 ng
 RT: 12.80 min Scan# 1703
 Delta R.T. 0.00 min
 Lab File: BP001576.D
 Acq: 09 Jan 2020 12:59

Tgt Ion	Ratio	Lower	Upper
196	100		
198	93.7	74.6	111.8
97	52.7	41.0	61.6
132	21.2	16.6	25.0





#45
2-Fluorobiphenyl
Concen: 77.867 ng
RT: 12.93 min Scan# 1724
Delta R.T. 0.00 min
Lab File: BP001576.D
Acq: 09 Jan 2020 12:59

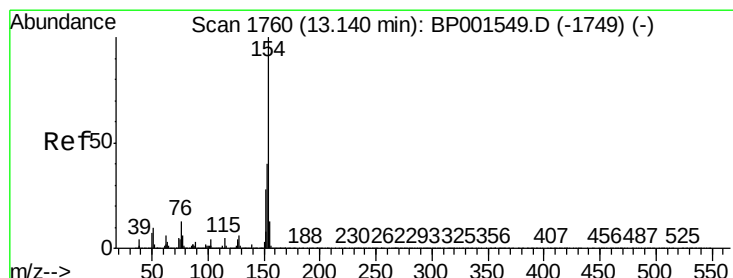
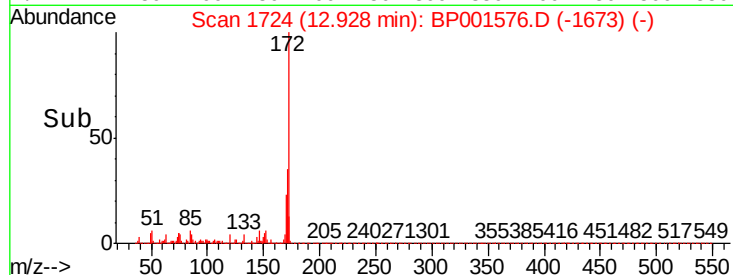
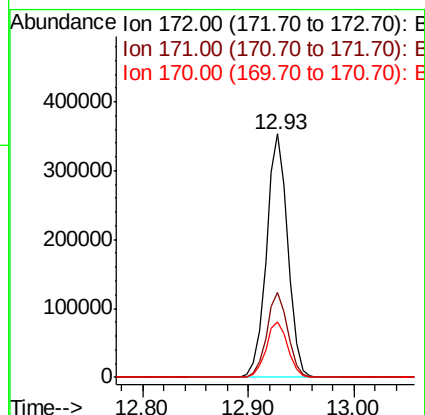
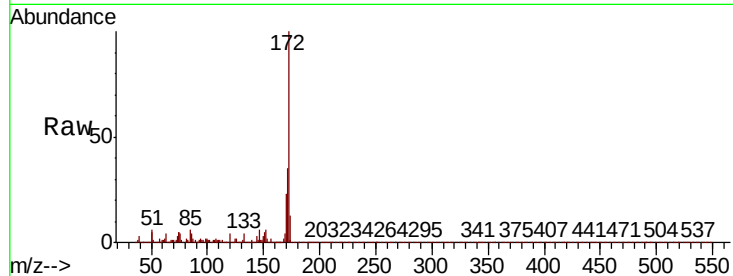
Instrument :
BNA_P
ClientSampleId :
PB125970BS

Tot Ion:	172	Resp:	491585
Ion Ratio	Lower	Upper	
172	100		
171	34.7	27.6	41.4
170	22.9	18.3	27.5

Manual Integrations
APPROVED

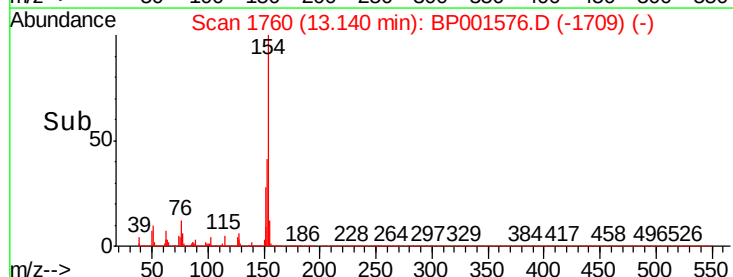
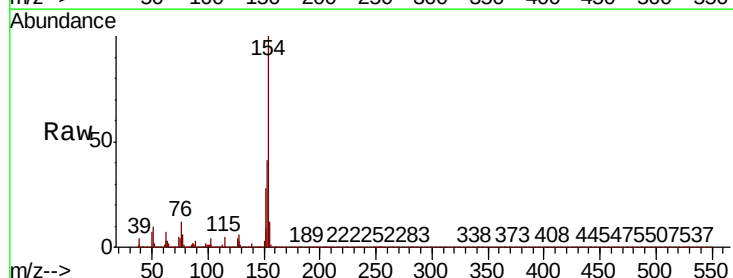
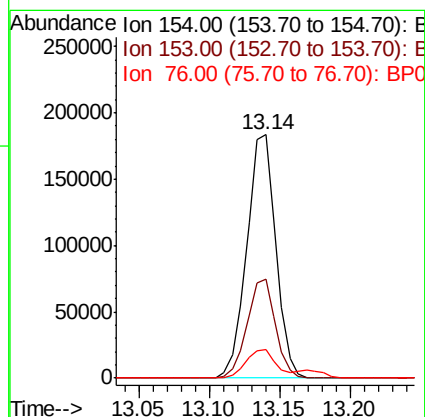
mohammad

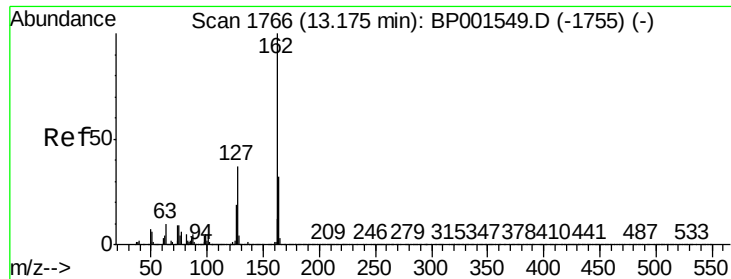
1/10/2020 1:07:34 PM



#46
1,1'-Biphenyl
Concen: 39.720 ng
RT: 13.14 min Scan# 1760
Delta R.T. 0.00 min
Lab File: BP001576.D
Acq: 09 Jan 2020 12:59

Tgt Ion:	154	Resp:	264191
Ion Ratio	Lower	Upper	
154	100		
153	40.8	19.5	59.5
76	11.9	0.0	33.1





#47
2-Chloronaphthalene
Concen: 38.762 ng
RT: 13.17 min Scan# 1765
Delta R.T. -0.01 min
Lab File: BP001576.D
Acq: 09 Jan 2020 12:59

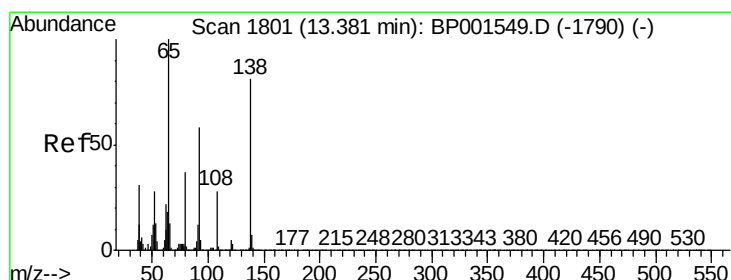
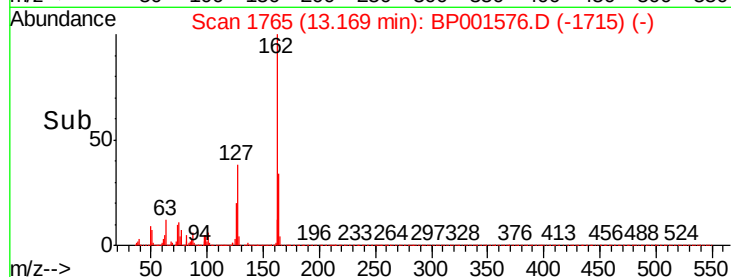
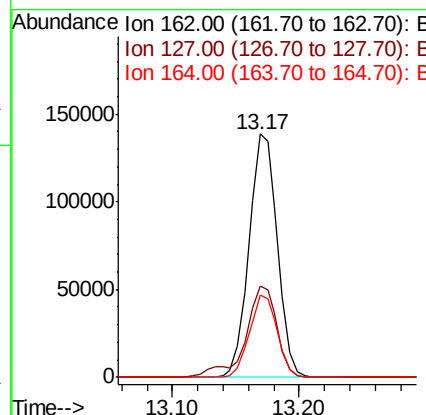
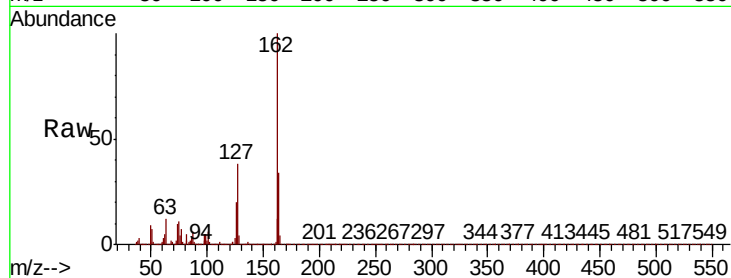
Instrument :
BNA_P
ClientSampleId :
PB125970BS

Tot Ion:	162	Resp:	214279
Ion Ratio	Lower	Upper	
162	100		
127	37.6	29.9	44.9
164	33.9	26.0	39.0

Manual Integrations
APPROVED

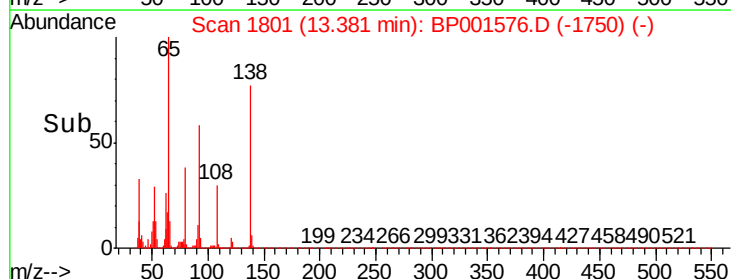
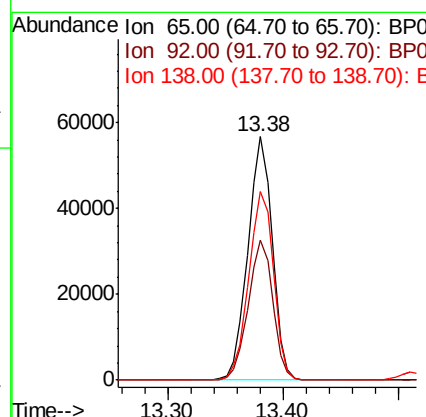
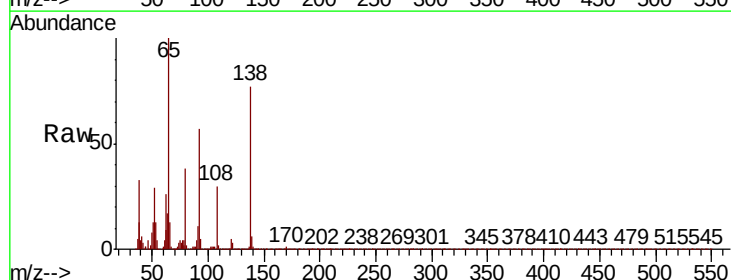
mohammad

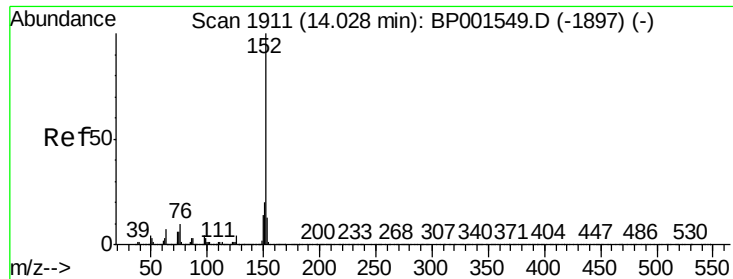
1/10/2020 1:07:34 PM



#48
2-Nitroaniline
Concen: 38.464 ng
RT: 13.38 min Scan# 1801
Delta R.T. 0.00 min
Lab File: BP001576.D
Acq: 09 Jan 2020 12:59

Tgt Ion:	65	Resp:	83539
Ion Ratio	Lower	Upper	
65	100		
92	57.5	46.2	69.2
138	77.4	64.7	97.1





#49
Acenaphthylene
Concen: 40.534 ng
RT: 14.03 min Scan# 1911
Delta R.T. 0.00 min
Lab File: BP001576.D
Acq: 09 Jan 2020 12:59

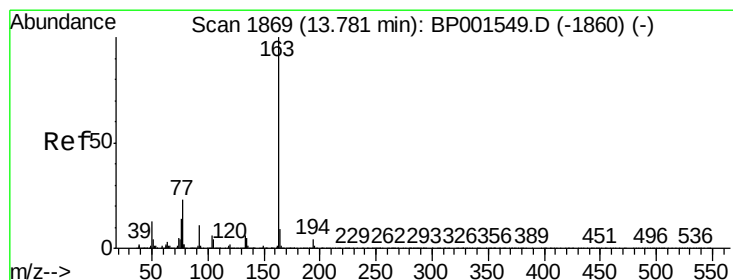
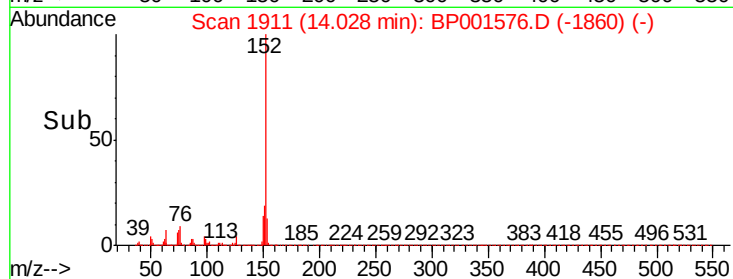
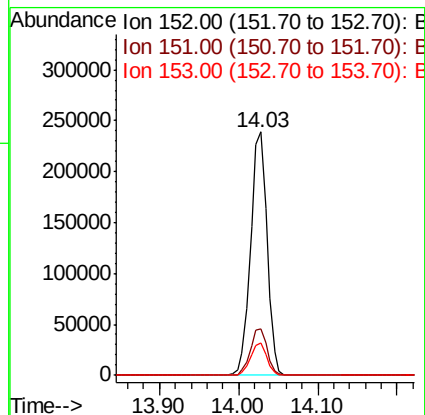
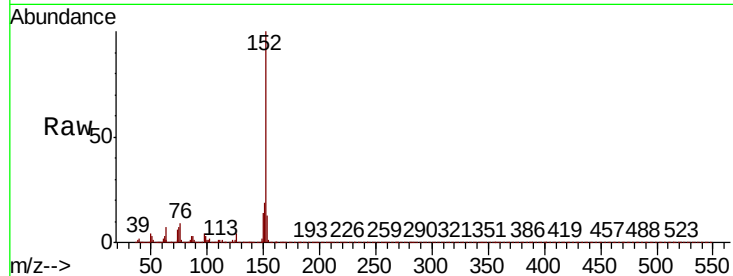
Instrument :
BNA_P
ClientSampleId :
PB125970BS

Tot Ion:	152	Resp:	345575
Ion Ratio	Lower	Upper	
152	100		
151	19.3	15.9	23.9
153	13.1	10.4	15.6

Manual Integrations
APPROVED

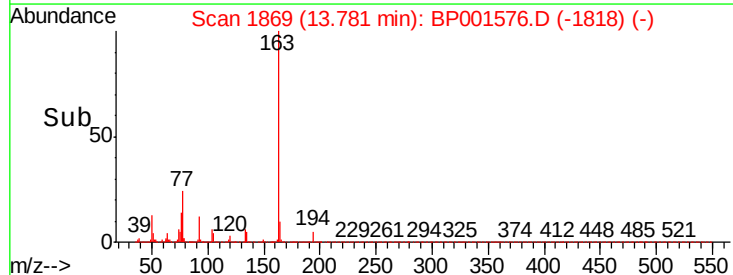
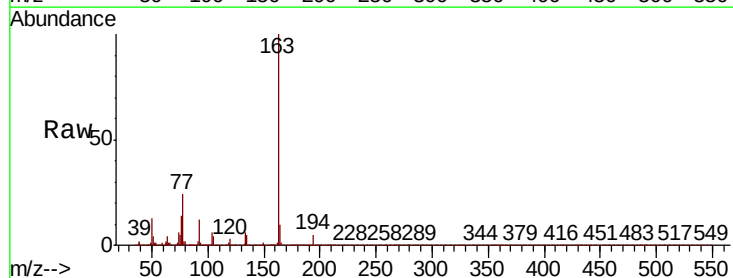
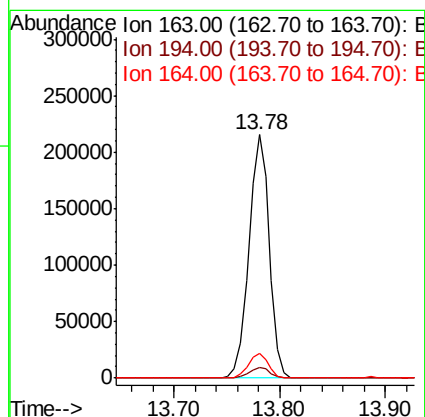
mohammad

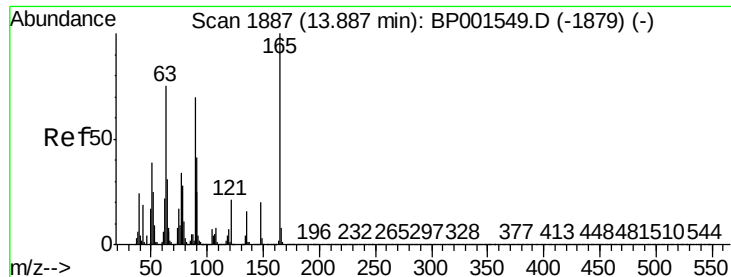
1/10/2020 1:07:34 PM



#50
Dimethylphthalate
Concen: 37.481 ng
RT: 13.78 min Scan# 1869
Delta R.T. 0.00 min
Lab File: BP001576.D
Acq: 09 Jan 2020 12:59

Tgt Ion:	163	Resp:	286542
Ion Ratio	Lower	Upper	
163	100		
194	4.6	3.6	5.4
164	10.0	7.5	11.3





#51
2,6-Dinitrotoluene
Concen: 39.463 ng
RT: 13.89 min Scan# 1887
Delta R.T. 0.00 min
Lab File: BP001576.D
Acq: 09 Jan 2020 12:59

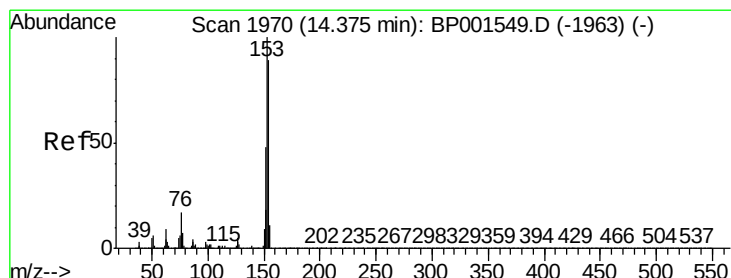
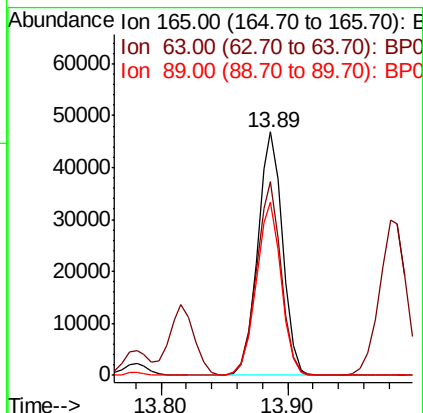
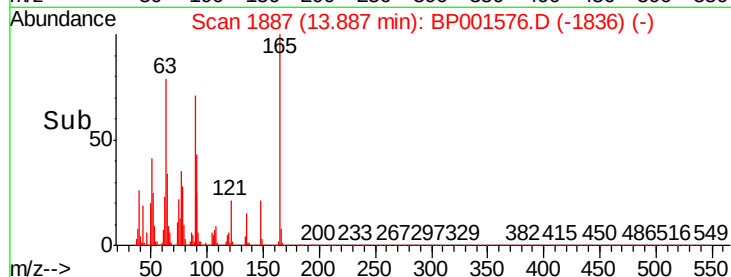
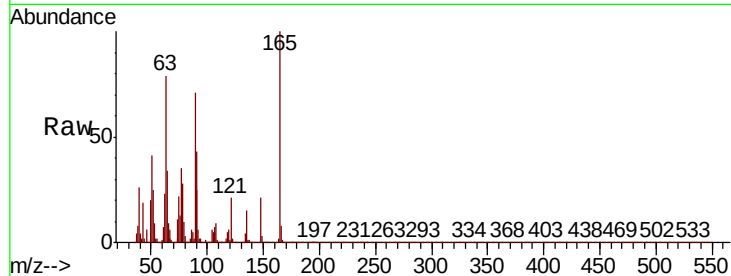
Instrument :
BNA_P
ClientSampleId :
PB125970BS

Tot Ion:165	Resp:	63979
Ion Ratio	Lower	Upper
165 100		
63 79.4	60.9	91.3
89 71.0	55.7	83.5

Manual Integrations
APPROVED

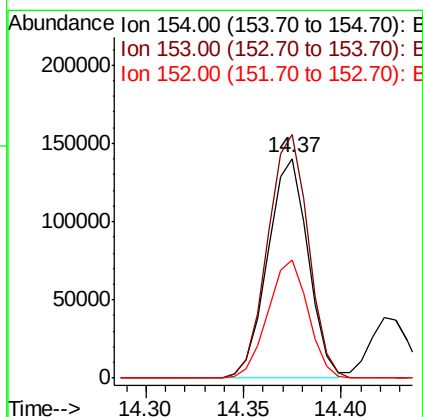
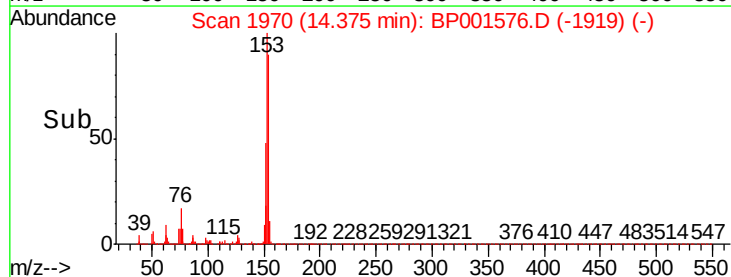
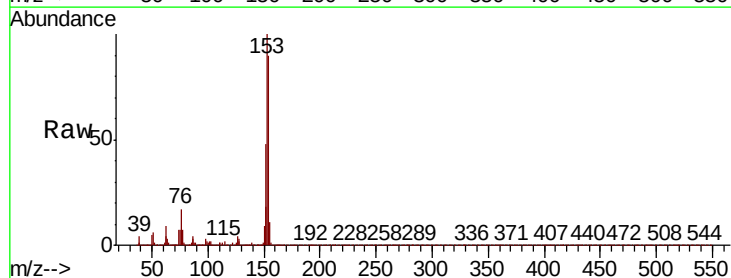
mohammad

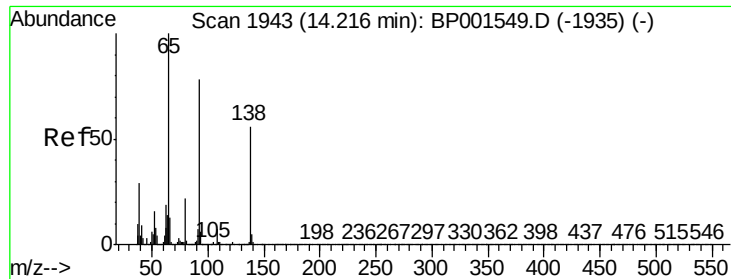
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#52
Acenaphthene
Concen: 38.063 ng
RT: 14.37 min Scan# 1970
Delta R.T. 0.00 min
Lab File: BP001576.D
Acq: 09 Jan 2020 12:59

Tgt Ion:154	Resp:	200979
Ion Ratio	Lower	Upper
154 100		
153 110.7	89.4	134.2
152 53.6	42.6	64.0





#53
3-Nitroaniline
Concen: 25.721 ng
RT: 14.22 min Scan# 1943
Delta R.T. 0.00 min
Lab File: BP001576.D
Acq: 09 Jan 2020 12:59

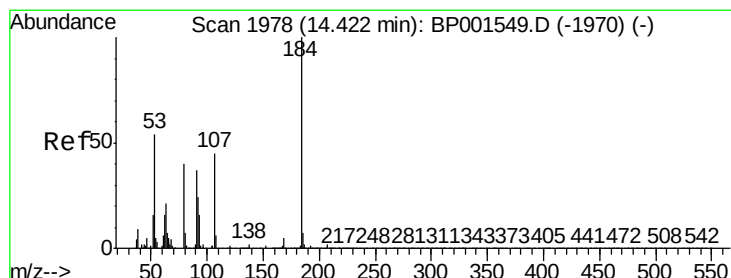
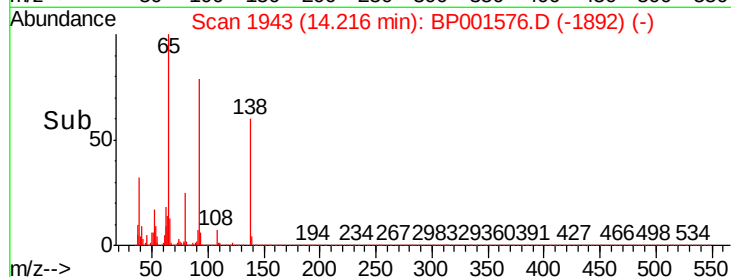
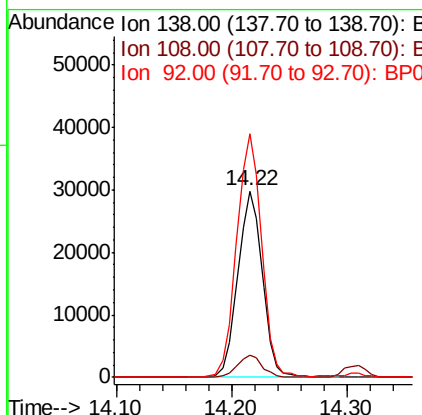
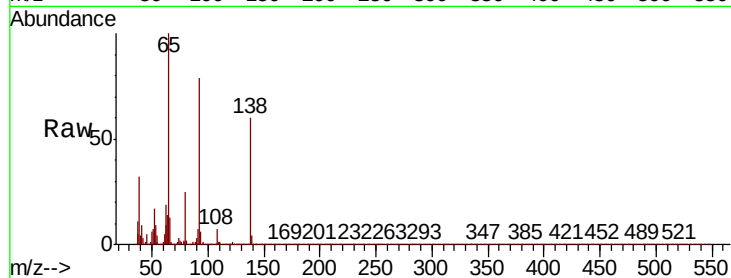
Instrument :
BNA_P
ClientSampleId :
PB125970BS

Tot Ion	Ratio	Lower	Upper
138	100		
108	12.0	9.9	14.9
92	130.5	110.6	166.0

Manual Integrations
APPROVED

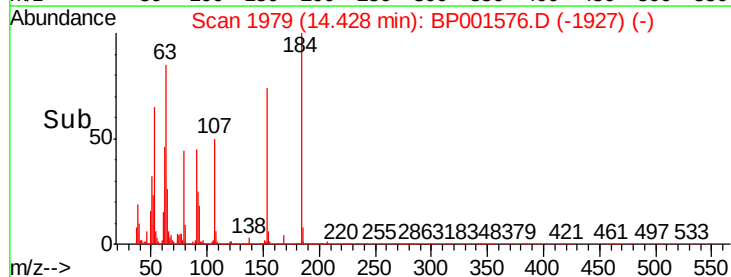
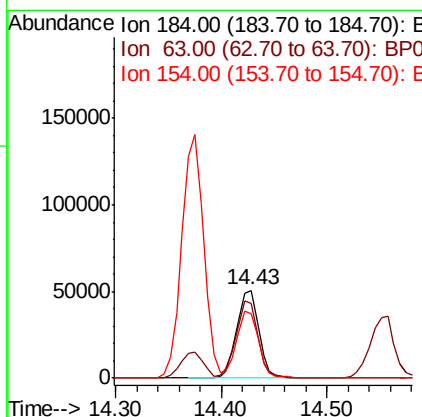
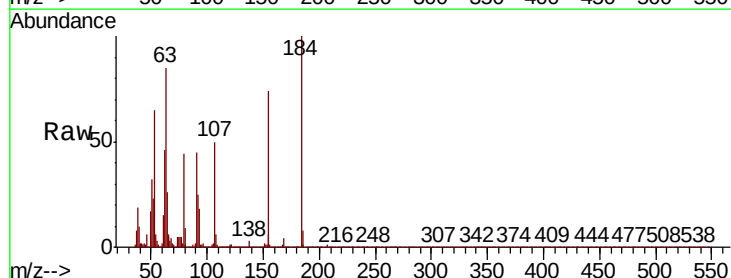
mohammad

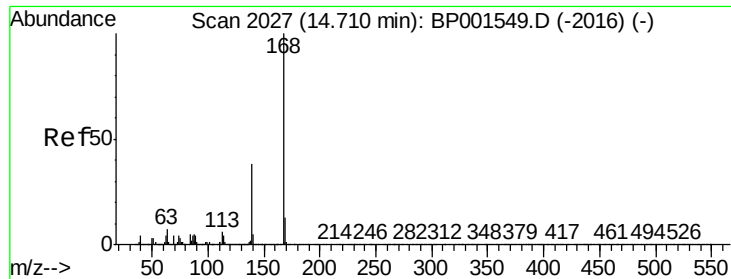
1/10/2020 1:07:34 PM



#54
2,4-Dinitrophenol
Concen: 80.525 ng
RT: 14.43 min Scan# 1979
Delta R.T. 0.01 min
Lab File: BP001576.D
Acq: 09 Jan 2020 12:59

Tgt Ion	Ratio	Lower	Upper
184	100		
63	85.0	59.7	89.5
154	73.8	53.9	80.9





#55
Dibenzofuran
Concen: 39.405 ng
RT: 14.71 min Scan# 2027
Delta R.T. 0.00 min
Lab File: BP001576.D
Acq: 09 Jan 2020 12:59

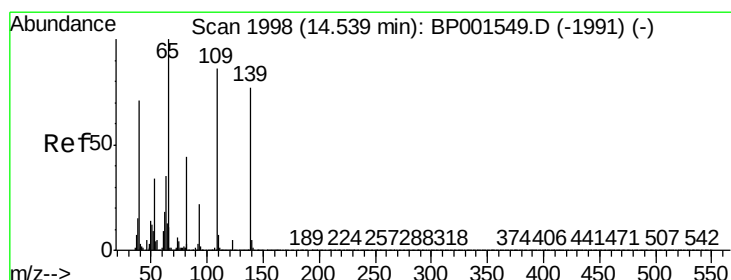
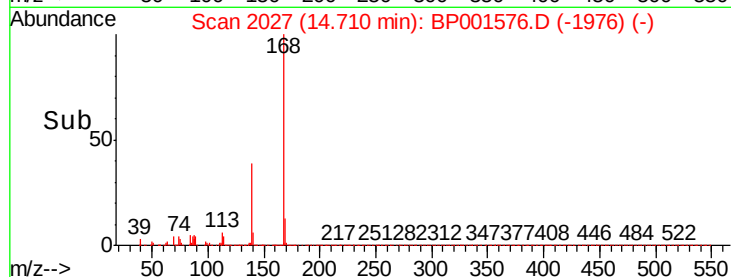
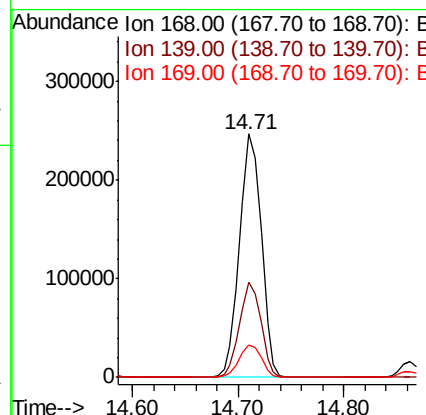
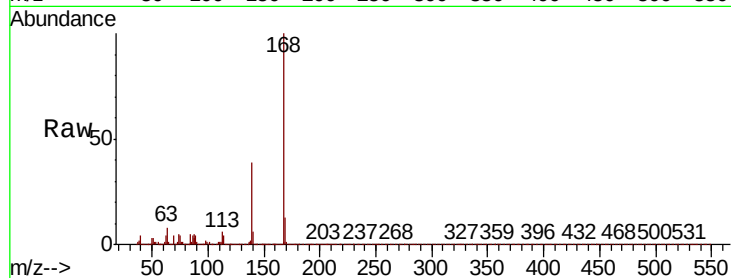
Instrument :
BNA_P
ClientSampleId :
PB125970BS

Tot Ion	Ratio	Lower	Upper
168	100		
139	39.0	30.2	45.4
169	13.4	10.6	16.0

Manual Integrations
APPROVED

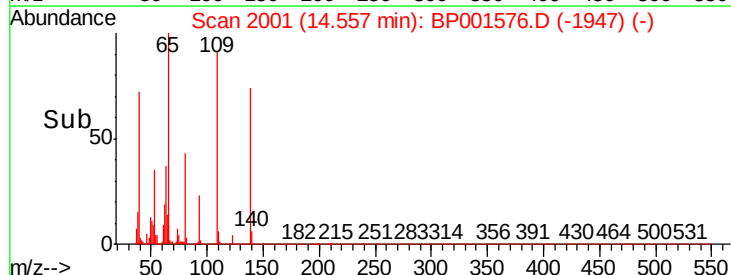
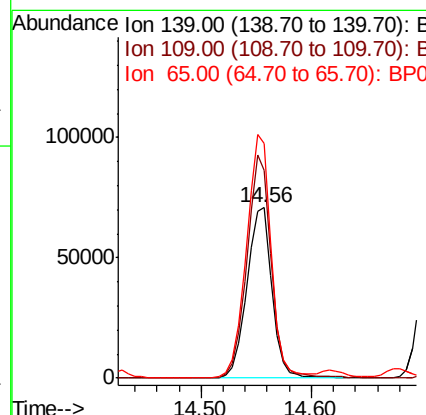
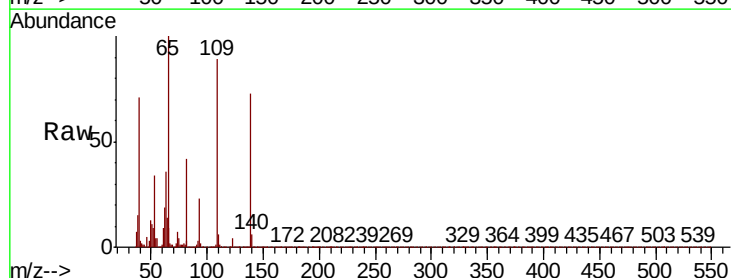
mohammad

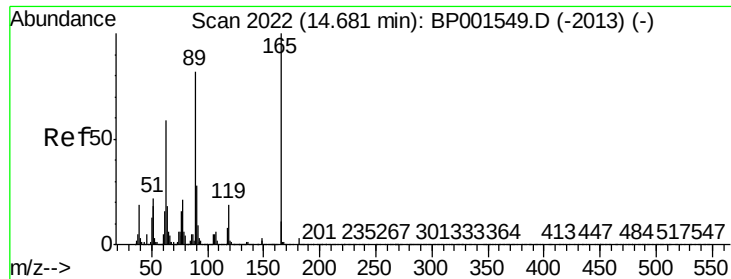
1/10/2020 1:07:34 PM



#56
4-Nitrophenol
Concen: 83.299 ng
RT: 14.56 min Scan# 2001
Delta R.T. 0.02 min
Lab File: BP001576.D
Acq: 09 Jan 2020 12:59

Tgt Ion	Ratio	Lower	Upper
139	100		
109	122.1	92.7	132.7
65	137.5	111.1	151.1





#57
2,4-Dinitrotoluene
Concen: 39.284 ng
RT: 14.68 min Scan# 2022
Delta R.T. 0.00 min
Lab File: BP001576.D
Acq: 09 Jan 2020 12:59

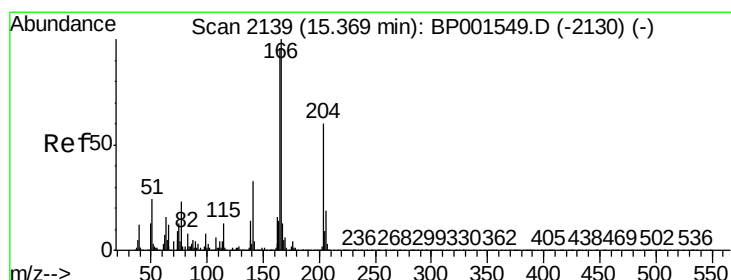
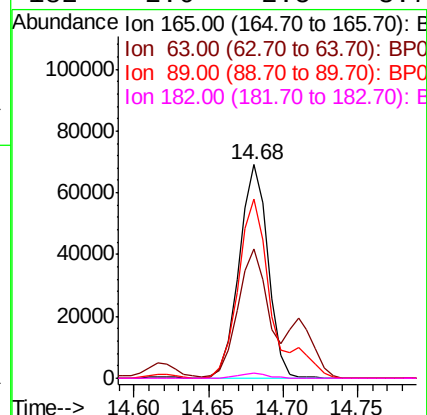
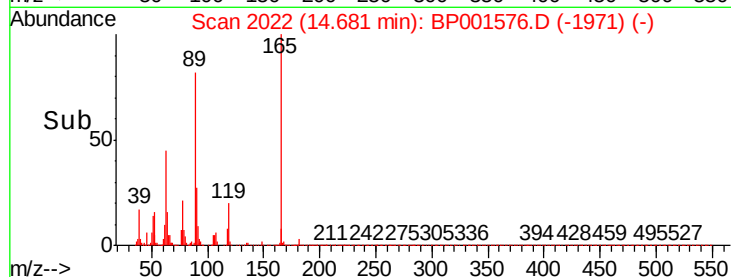
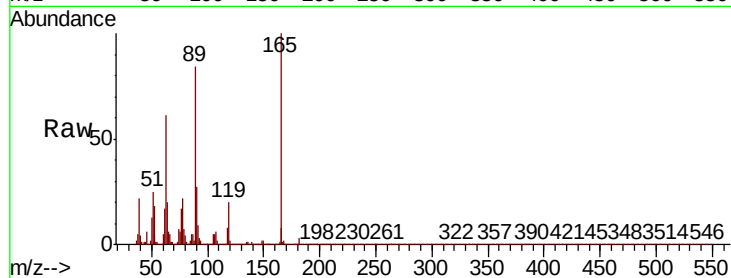
Instrument :
BNA_P
ClientSampleID :
PB125970BS

Tot Ion	Ratio	Lower	Upper
165	100		
63	60.7	47.3	70.9
89	84.1	65.4	98.0
182	2.6	2.5	3.7

Manual Integrations
APPROVED

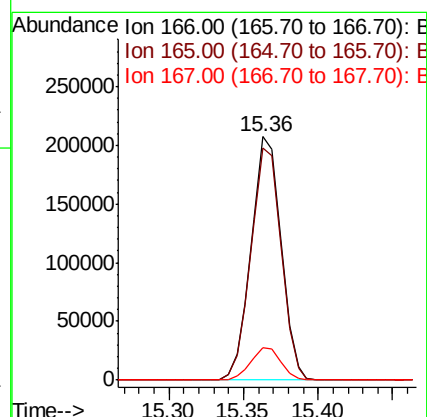
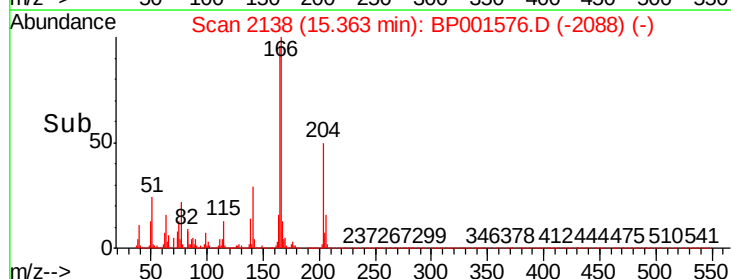
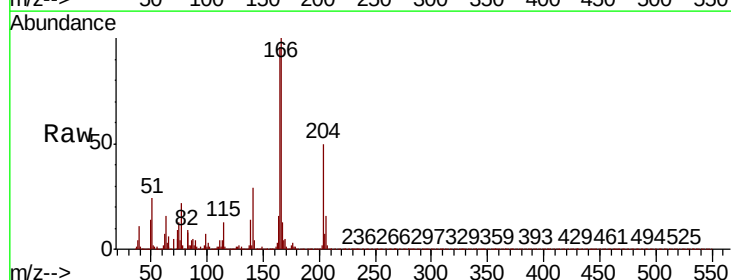
mohammad

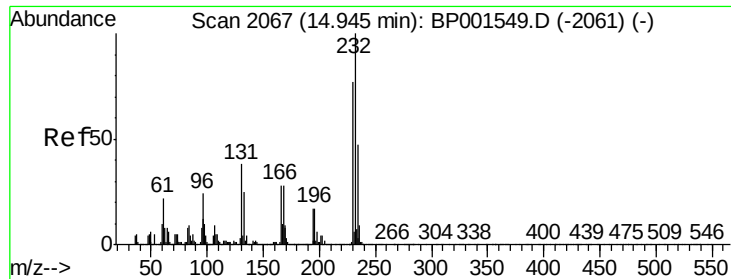
1/10/2020 1:07:34 PM



#58
Fluorene
Concen: 39.748 ng
RT: 15.36 min Scan# 2138
Delta R.T. -0.01 min
Lab File: BP001576.D
Acq: 09 Jan 2020 12:59

Tgt Ion	Ratio	Lower	Upper
166	100		
165	95.6	76.9	115.3
167	13.4	10.3	15.5





#59
2,3,4,6-Tetrachlorophenol
Concen: 41.047 ng
RT: 14.95 min Scan# 2067
Delta R.T. 0.00 min
Lab File: BP001576.D
Acq: 09 Jan 2020 12:59

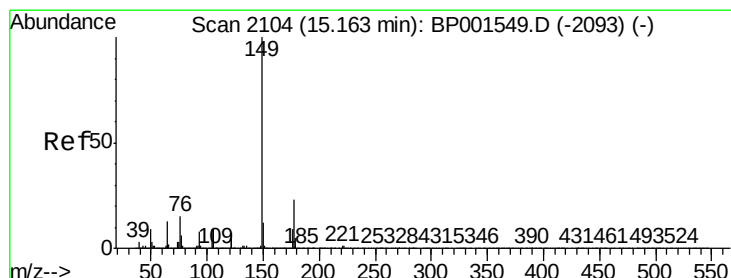
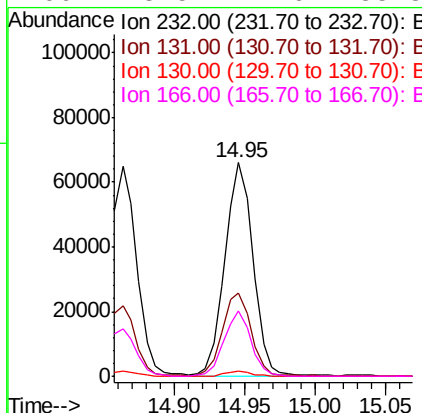
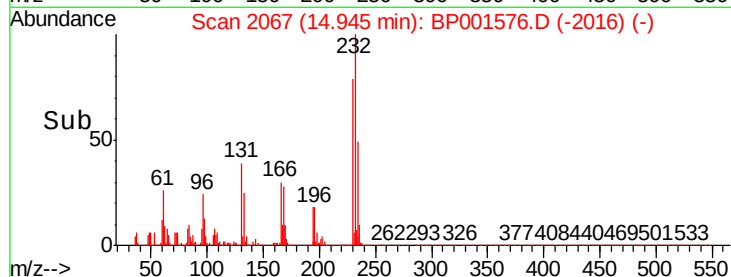
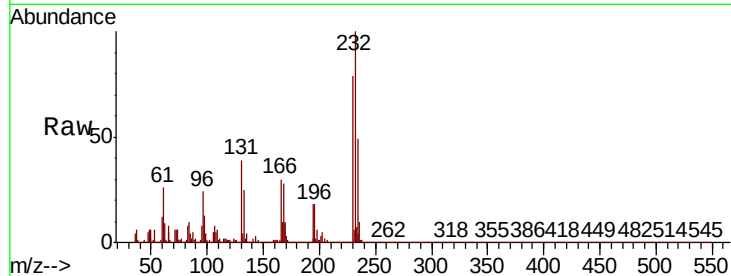
Instrument :
BNA_P
ClientSampleId :
PB125970BS

Tot Ion	Ratio	Lower	Upper
232	100		
131	39.8	31.3	46.9
130	2.4	2.0	3.0
166	28.5	22.6	33.8

Manual Integrations
APPROVED

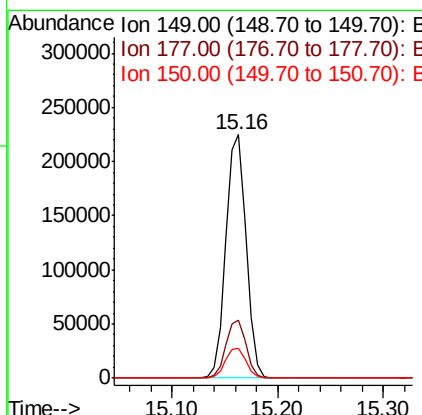
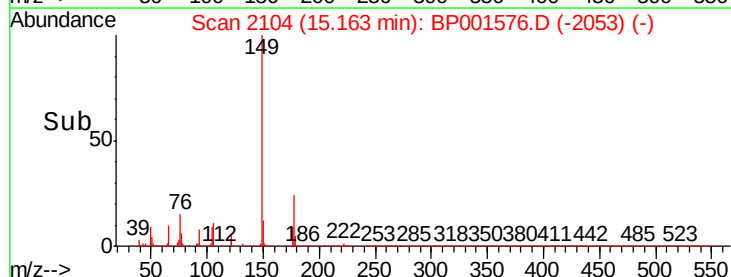
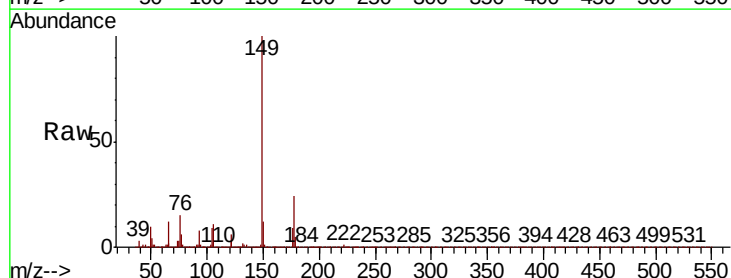
mohammad

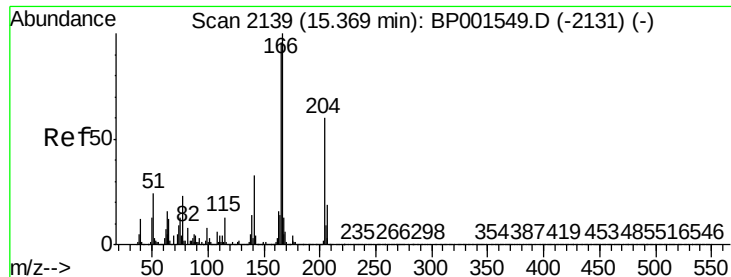
1/10/2020 1:07:34 PM



#60
Diethylphthalate
Concen: 37.660 ng
RT: 15.16 min Scan# 2104
Delta R.T. 0.00 min
Lab File: BP001576.D
Acq: 09 Jan 2020 12:59

Tgt Ion	Ratio	Lower	Upper
149	100		
177	23.9	18.4	27.6
150	12.3	10.0	15.0





#61
4-Chlorophenyl-phenylether
Concen: 39.777 ng
RT: 15.37 min Scan# 2139
Delta R.T. 0.00 min
Lab File: BP001576.D
Acq: 09 Jan 2020 12:59

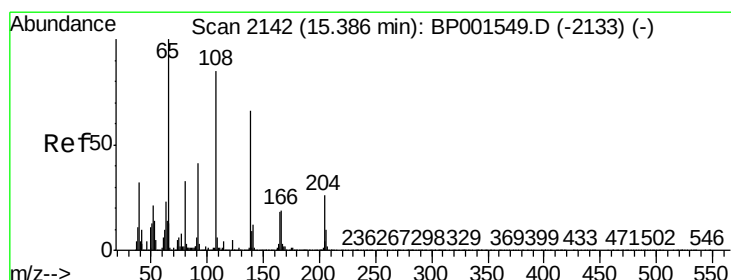
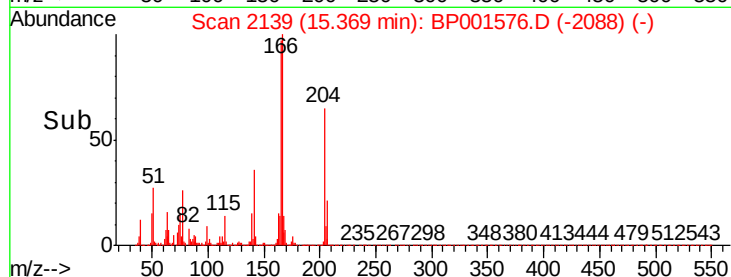
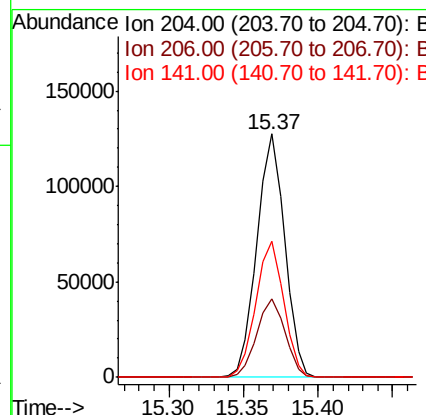
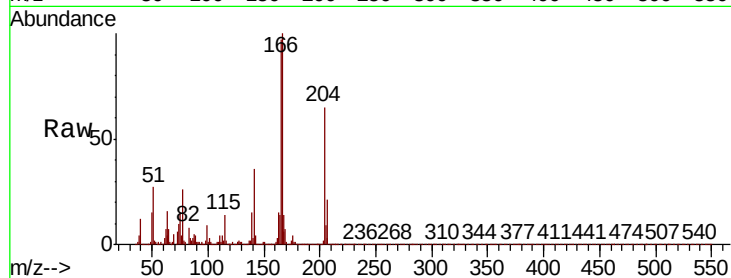
Instrument :
BNA_P
ClientSampleId :
PB125970BS

Tot Ion	Ratio	Lower	Upper
204	100		
206	32.1	25.4	38.0
141	55.9	43.8	65.6

Manual Integrations
APPROVED

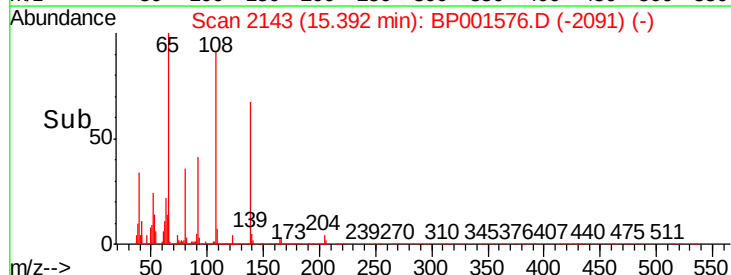
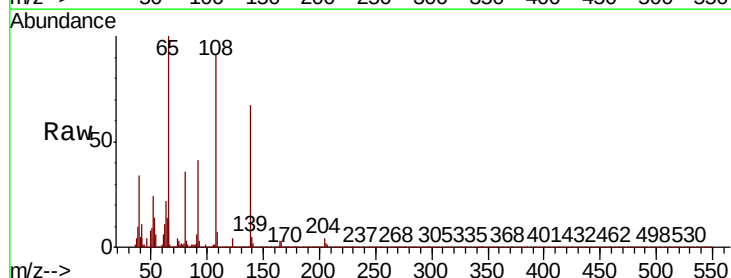
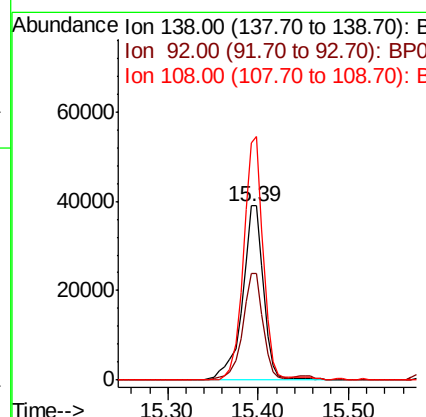
mohammad

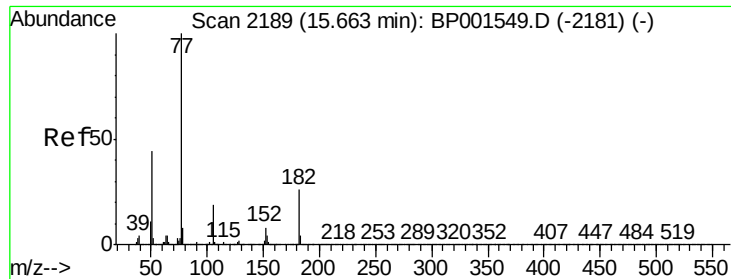
1/10/2020 1:07:34 PM



#62
4-Nitroaniline
Concen: 32.680 ng
RT: 15.39 min Scan# 2143
Delta R.T. 0.01 min
Lab File: BP001576.D
Acq: 09 Jan 2020 12:59

Tgt Ion	Ratio	Lower	Upper
138	100		
92	61.0	42.7	82.7
108	136.0	108.6	148.6





#63
Azobenzene
Concen: 40.830 ng
RT: 15.66 min Scan# 2189
Delta R.T. 0.00 min
Lab File: BP001576.D
Acq: 09 Jan 2020 12:59

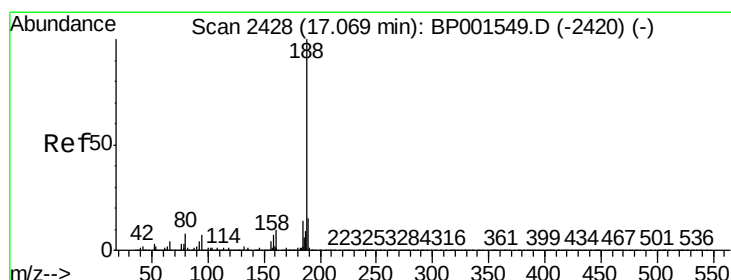
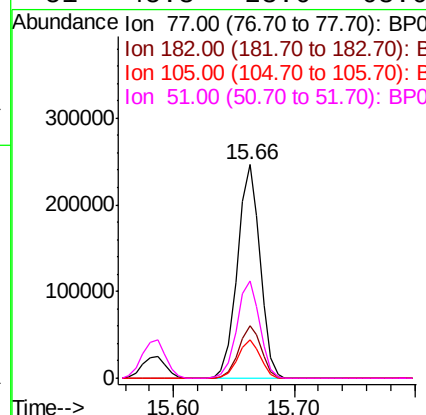
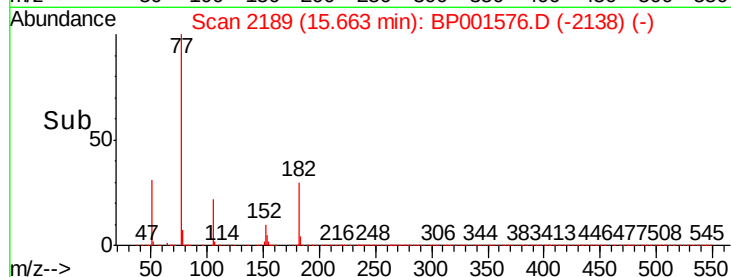
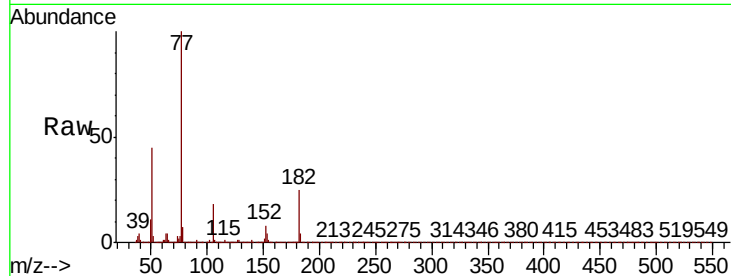
Instrument :
BNA_P
ClientSampleId :
PB125970BS

Tot Ion	Ratio	Lower	Upper
77	100		
182	24.8	5.8	45.8
105	18.0	0.0	39.3
51	45.3	23.6	63.6

Manual Integrations
APPROVED

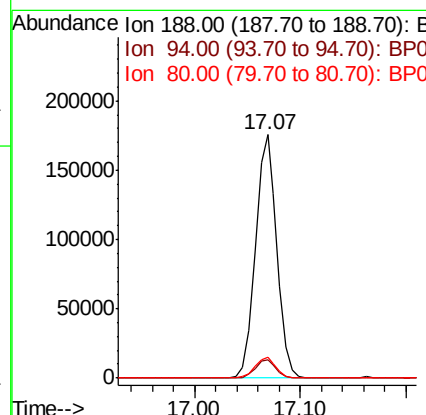
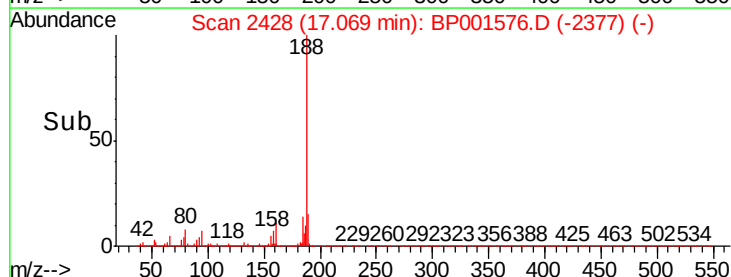
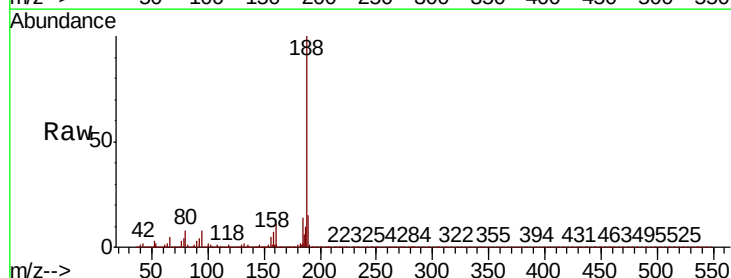
mohammad

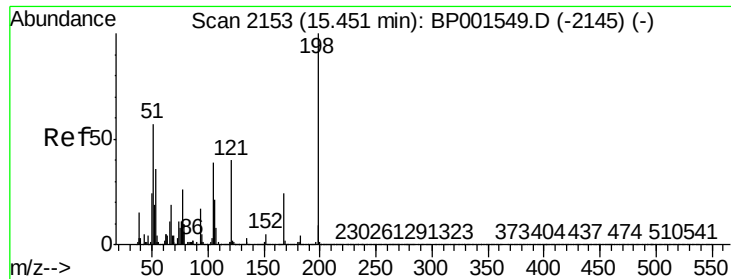
1/10/2020 1:07:34 PM



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.07 min Scan# 2428
Delta R.T. 0.00 min
Lab File: BP001576.D
Acq: 09 Jan 2020 12:59

Tgt Ion	Ratio	Lower	Upper
188	100		
94	7.5	5.9	8.9
80	8.4	6.8	10.2





#65
4,6-Dinitro-2-methylphenol
Concen: 42.616 ng
RT: 15.45 min Scan# 2153
Delta R.T. 0.00 min
Lab File: BP001576.D
Acq: 09 Jan 2020 12:59

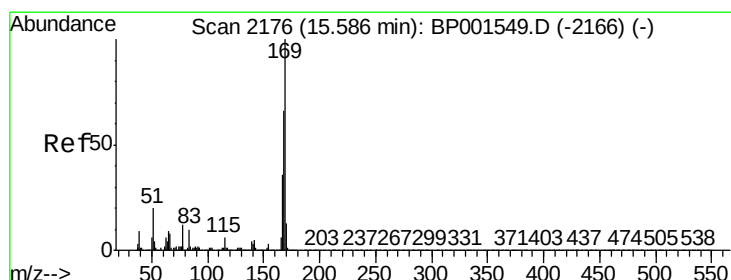
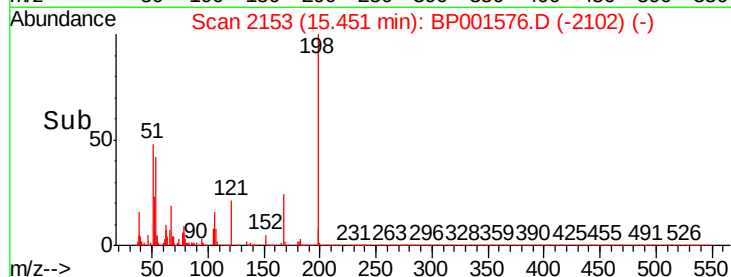
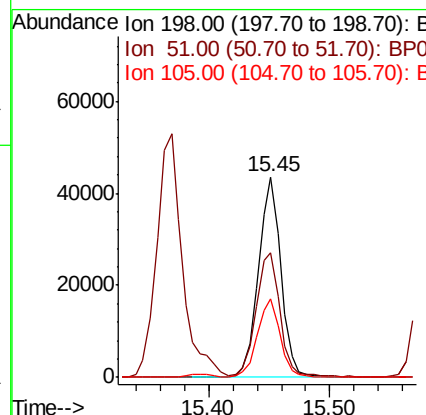
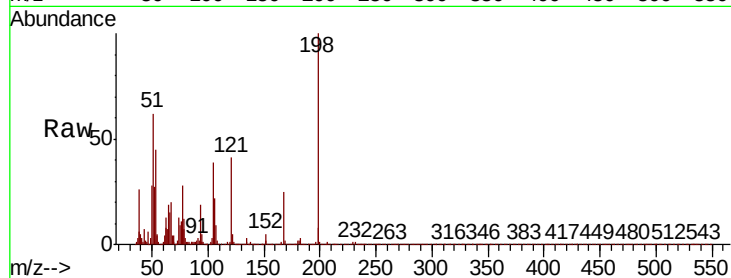
Instrument :
BNA_P
ClientSampleId :
PB125970BS

Tot Ion	Ratio	Resp	Lower	Upper
198	100	56635		
51	62.2	39.4	79.4	
105	39.0	19.7	59.7	

Manual Integrations
APPROVED

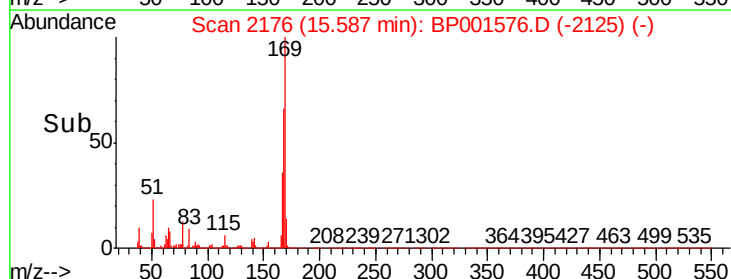
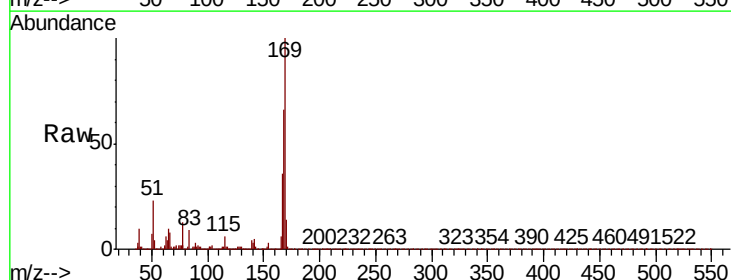
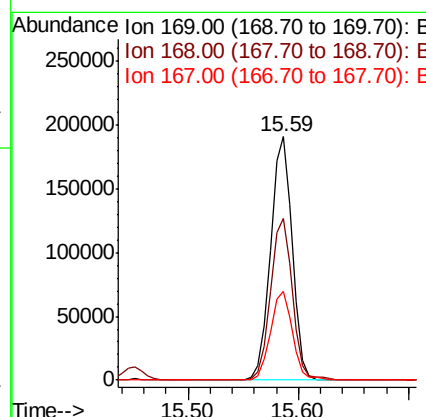
mohammad

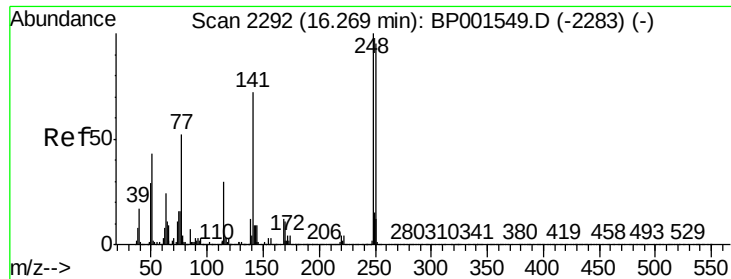
1/10/2020 1:07:34 PM



#66
n-Nitrosodiphenylamine
Concen: 40.083 ng
RT: 15.59 min Scan# 2176
Delta R.T. 0.00 min
Lab File: BP001576.D
Acq: 09 Jan 2020 12:59

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	261024		
168	66.2	53.1	79.7	
167	36.5	28.9	43.3	





#67

4-Bromophenyl-phenylether

Concen: 38.487 ng

RT: 16.27 min Scan# 2292

Delta R.T. 0.00 min

Lab File: BP001576.D

Acq: 09 Jan 2020 12:59

Instrument :

BNA_P

ClientSampled :

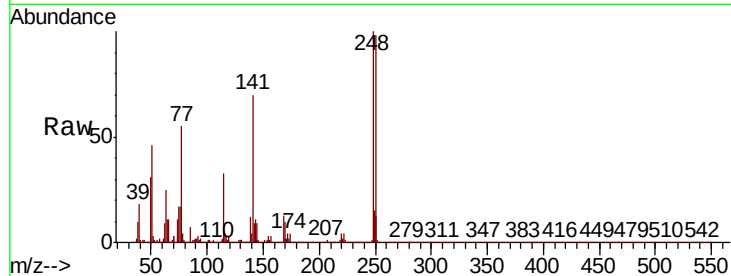
PB125970BS

Tot Ion:	248	Resp:	106727
Ion Ratio	Lower	Upper	
248	100		
250	98.0	76.0	114.0
141	70.0	57.8	86.8

Manual Integrations
APPROVED

mohammad

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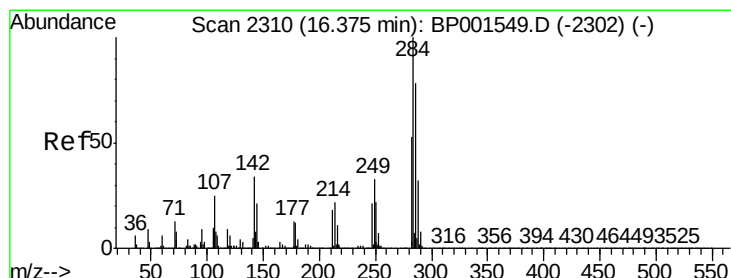
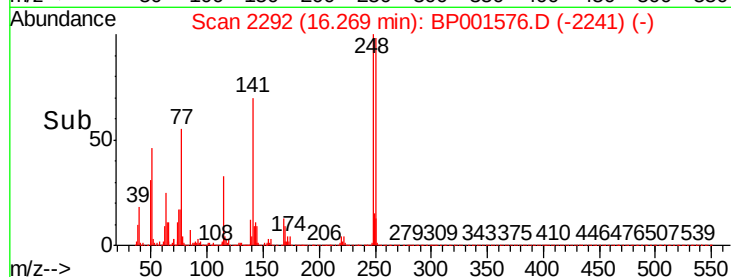
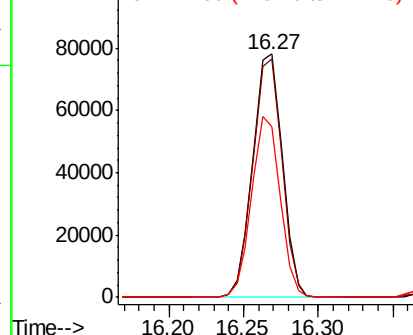


Abundance

Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68

Hexachlorobenzene

Concen: 37.262 ng

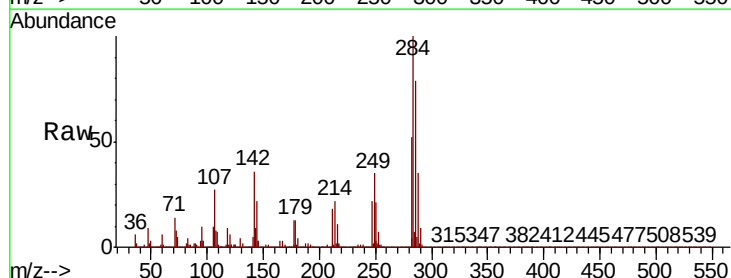
RT: 16.37 min Scan# 2310

Delta R.T. 0.00 min

Lab File: BP001576.D

Acq: 09 Jan 2020 12:59

Tgt Ion:	284	Resp:	120052
Ion Ratio	Lower	Upper	
284	100		
142	36.1	27.4	41.2
249	35.0	26.8	40.2

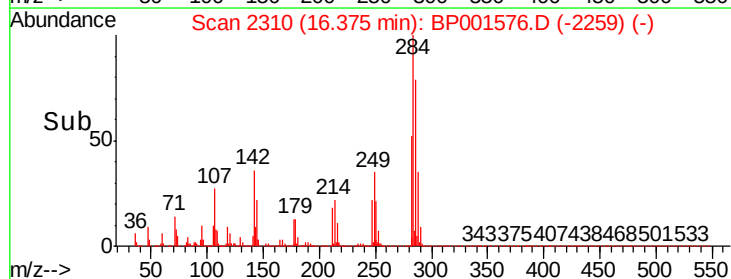
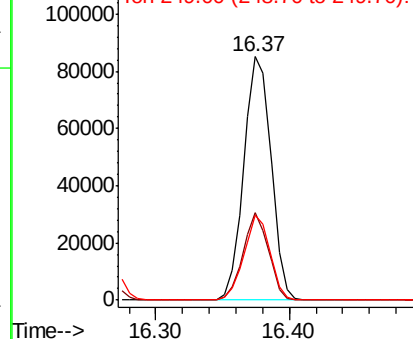


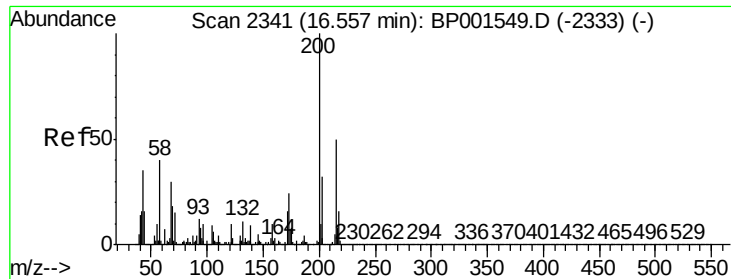
Abundance

Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E





#69
Atrazine
Concen: 46.834 ng
RT: 16.56 min Scan# 2341
Delta R.T. 0.00 min
Lab File: BP001576.D
Acq: 09 Jan 2020 12:59

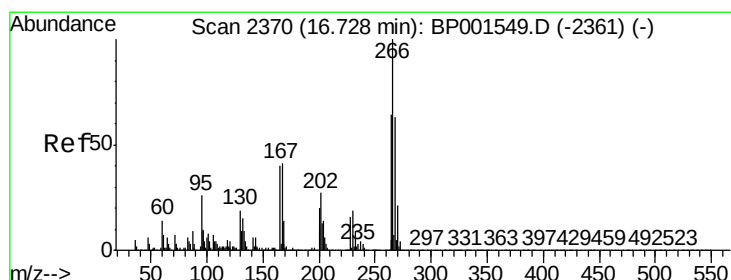
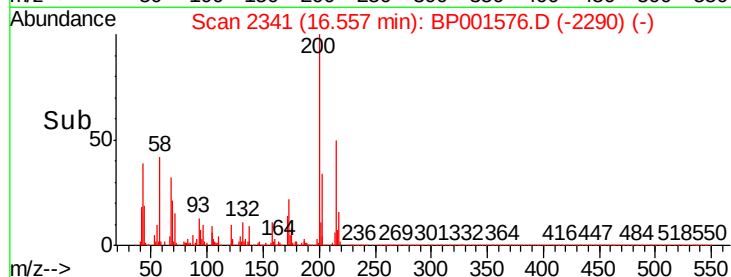
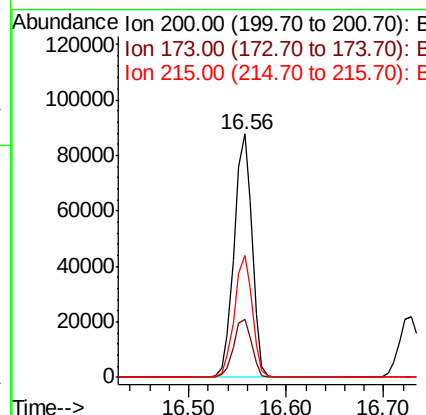
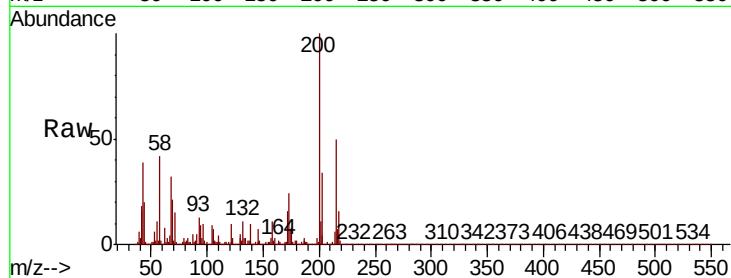
Instrument :
BNA_P
ClientSampleId :
PB125970BS

Tot Ion	Ratio	Resp Lower	Upper
200	100		
173	23.7	3.5	43.5
215	50.3	30.4	70.4

Manual Integrations
APPROVED

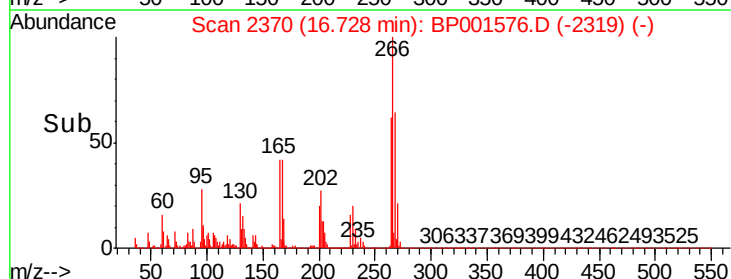
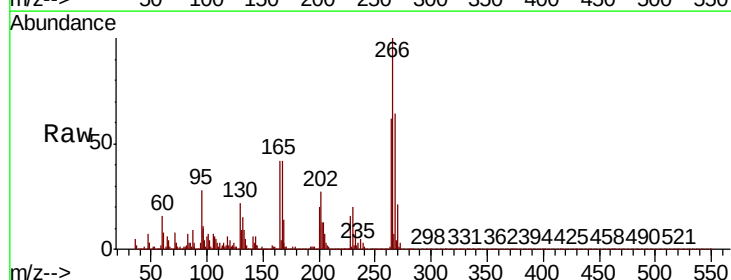
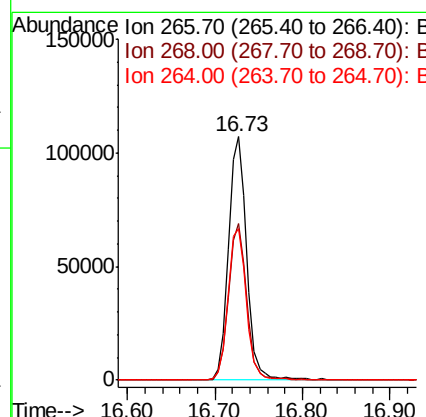
mohammad

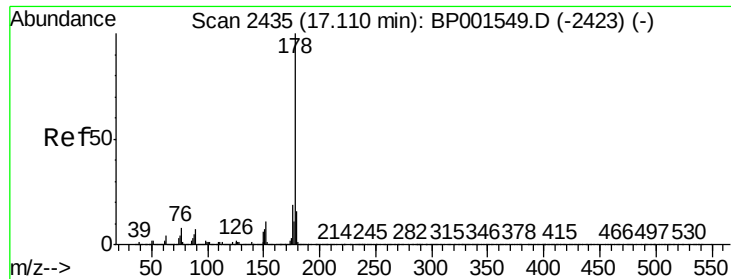
1/10/2020 1:07:34 PM



#70
Pentachlorophenol
Concen: 86.906 ng
RT: 16.73 min Scan# 2370
Delta R.T. 0.00 min
Lab File: BP001576.D
Acq: 09 Jan 2020 12:59

Tgt Ion	Ratio	Resp Lower	Upper
266	100		
268	64.5	50.5	75.7
264	62.1	50.9	76.3





#71
Phenanthrene
Concen: 39.131 ng
RT: 17.11 min Scan# 2435
Delta R.T. 0.00 min
Lab File: BP001576.D
Acq: 09 Jan 2020 12:59

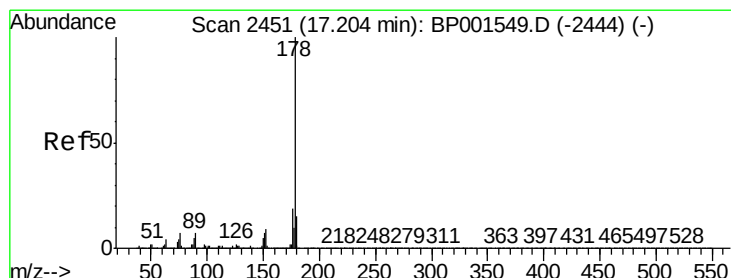
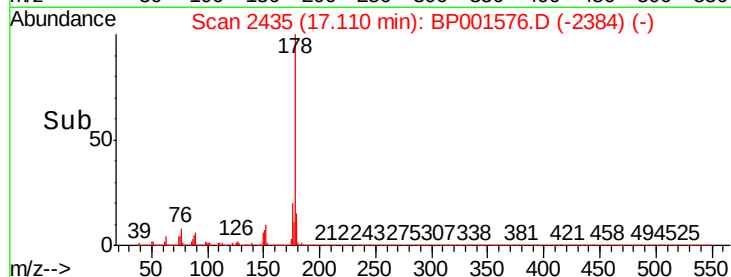
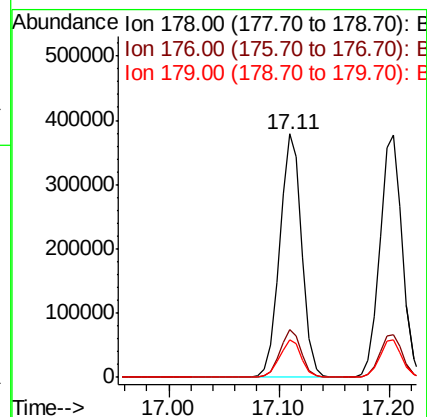
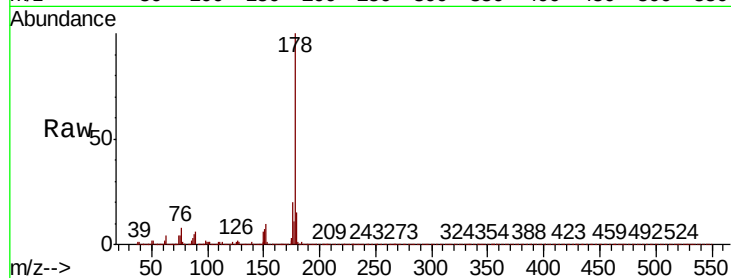
Instrument :
BNA_P
ClientSampleId :
PB125970BS

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.5	14.9	22.3
179	15.2	12.5	18.7

Manual Integrations
APPROVED

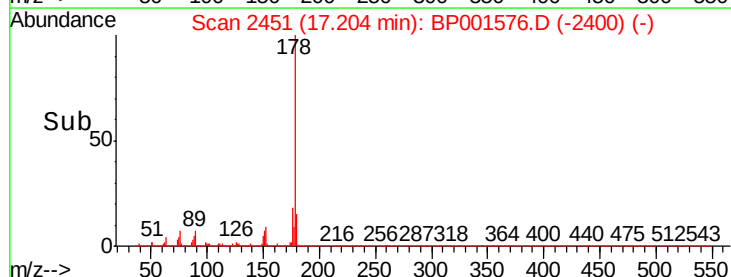
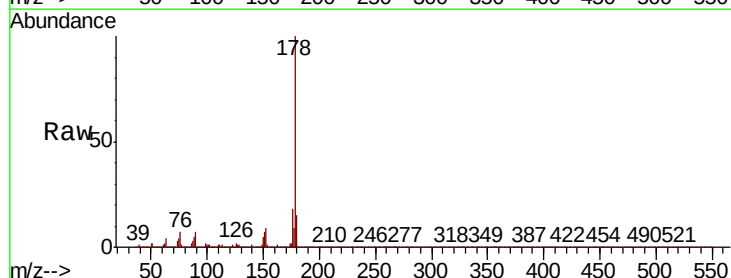
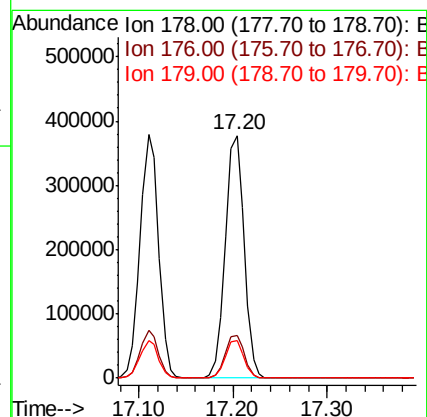
mohammad

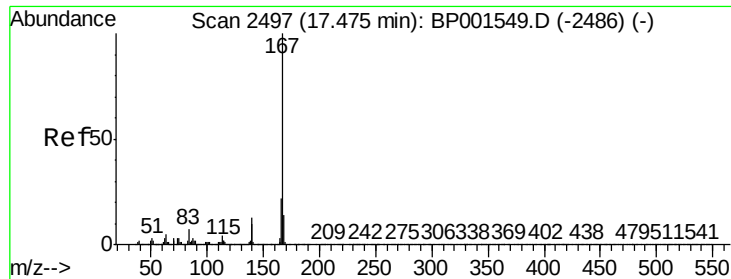
1/10/2020 1:07:34 PM



#72
Anthracene
Concen: 40.635 ng
RT: 17.20 min Scan# 2451
Delta R.T. 0.00 min
Lab File: BP001576.D
Acq: 09 Jan 2020 12:59

Tgt Ion	Ratio	Lower	Upper
178	100		
176	17.7	15.0	22.6
179	15.4	11.8	17.8





#73
 Carbazole
 Concen: 38.562 ng
 RT: 17.48 min Scan# 2498
 Delta R.T. 0.01 min
 Lab File: BP001576.D
 Acq: 09 Jan 2020 12:59

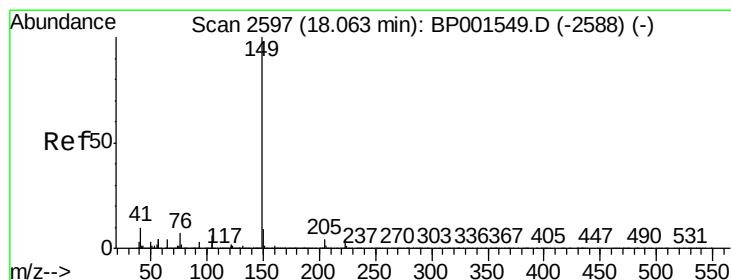
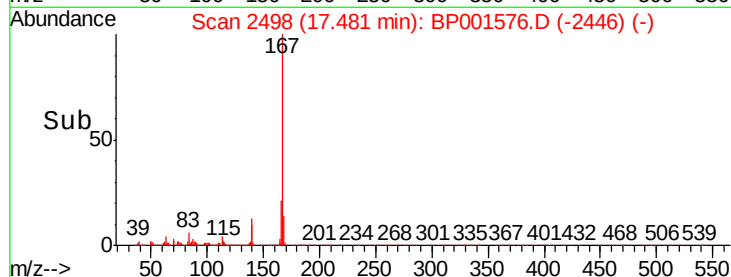
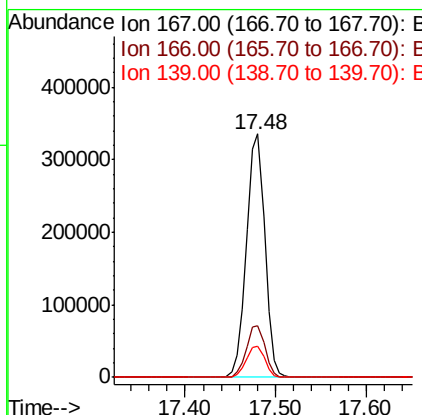
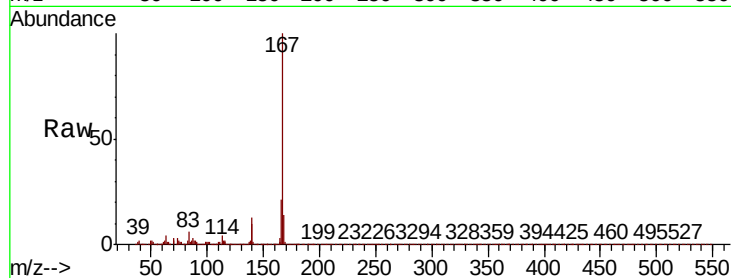
Instrument :
 BNA_P
 ClientSampleId :
 PB125970BS

Tot Ion	Ratio	Lower	Upper
167	100		
166	21.0	17.2	25.8
139	12.8	10.0	15.0

Manual Integrations
 APPROVED

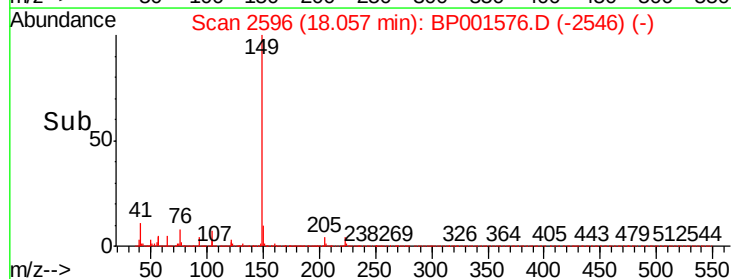
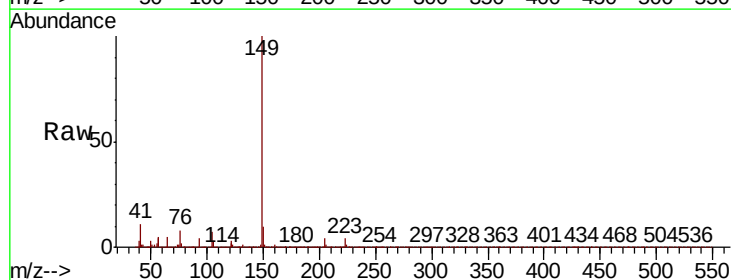
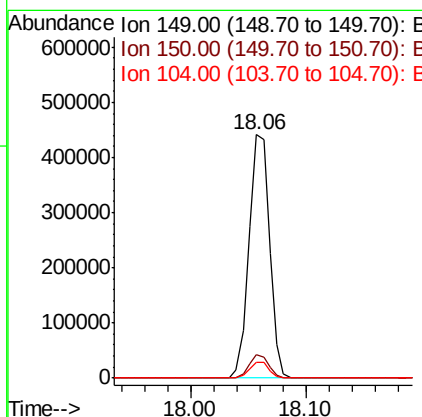
mohammad

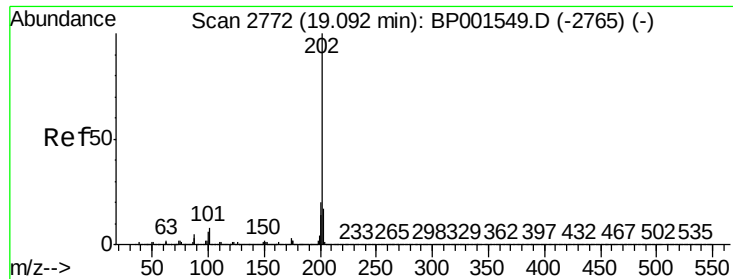
1/10/2020 1:07:34 PM



#74
 Di-n-butylphthalate
 Concen: 37.836 ng
 RT: 18.06 min Scan# 2596
 Delta R.T. -0.01 min
 Lab File: BP001576.D
 Acq: 09 Jan 2020 12:59

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.6	7.0	10.6
104	6.7	5.0	7.4





#75

Fluoranthene

Concen: 39.551 ng

RT: 19.09 min Scan# 2772

Delta R.T. 0.00 min

Lab File: BP001576.D

Acq: 09 Jan 2020 12:59

Instrument :

BNA_P

ClientSampleId :

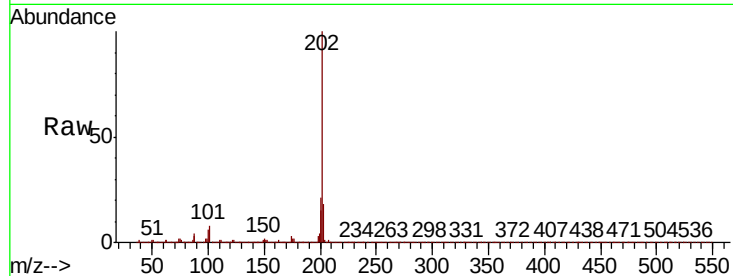
PB125970BS

Tot Ion:	202	Resp:	695695
Ion Ratio	Lower	Upper	
202	100		
101	7.6	0.0	28.4
203	17.6	0.0	37.4

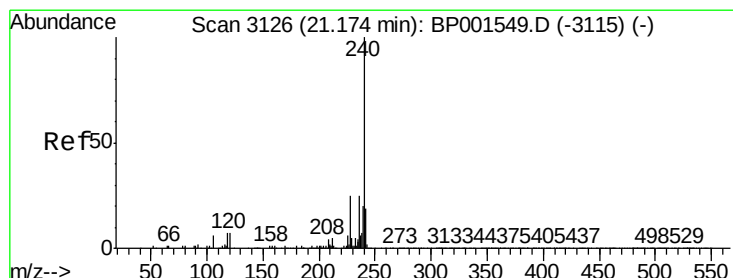
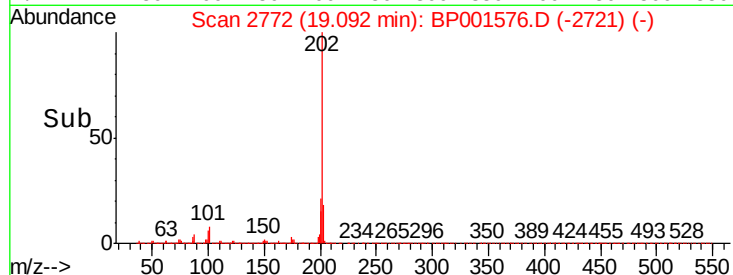
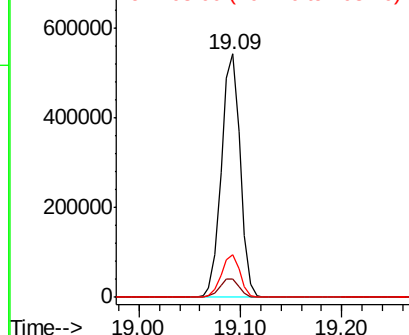
Manual Integrations
APPROVED

mohammad

1/10/2020 1:07:34 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

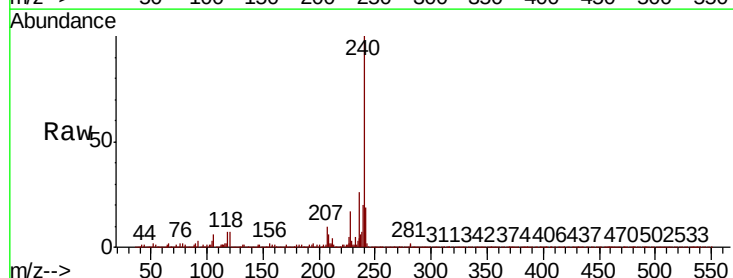
RT: 21.17 min Scan# 3126

Delta R.T. 0.00 min

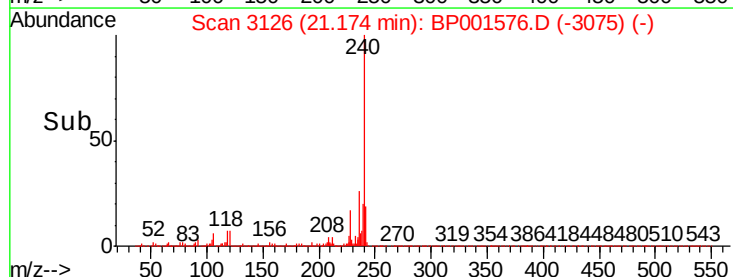
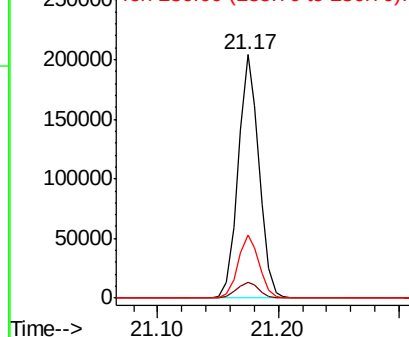
Lab File: BP001576.D

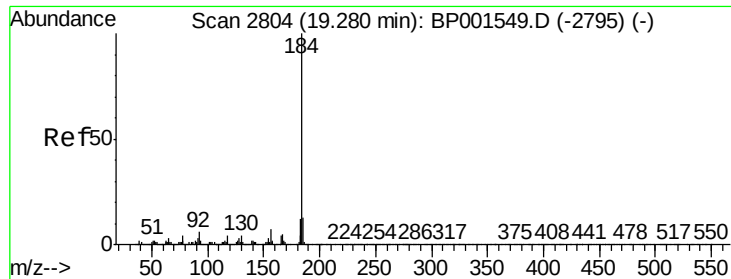
Acq: 09 Jan 2020 12:59

Tgt Ion:	240	Resp:	245216
Ion Ratio	Lower	Upper	
240	100		
120	6.6	5.7	8.5
236	26.2	20.4	30.6



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: 45.766 ng

RT: 19.28 min Scan# 2804

Delta R.T. 0.00 min

Lab File: BP001576.D

Acq: 09 Jan 2020 12:59

Instrument :

BNA_P

ClientSampleId :

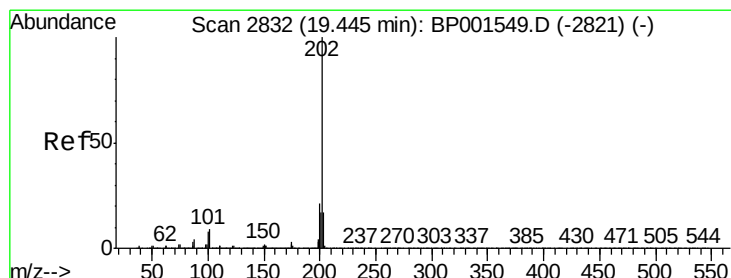
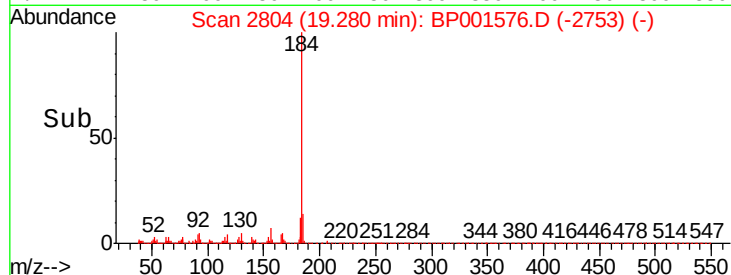
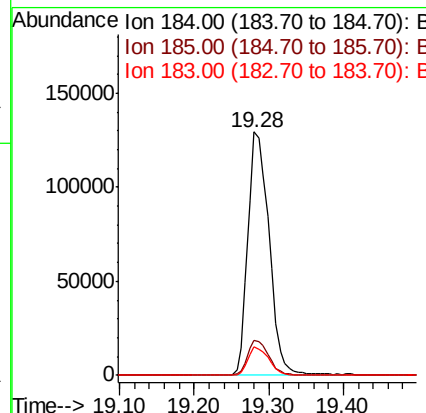
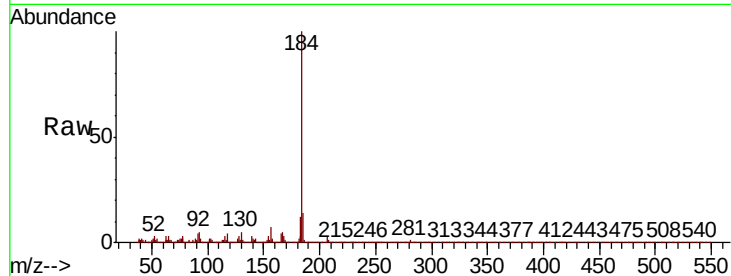
PB125970BS

Tot Ion:	184	Resp:	256253
Ion Ratio	Lower	Upper	
184	100		
185	14.4	10.6	16.0
183	11.7	9.4	14.0

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#78

Pyrene

Concen: 38.769 ng

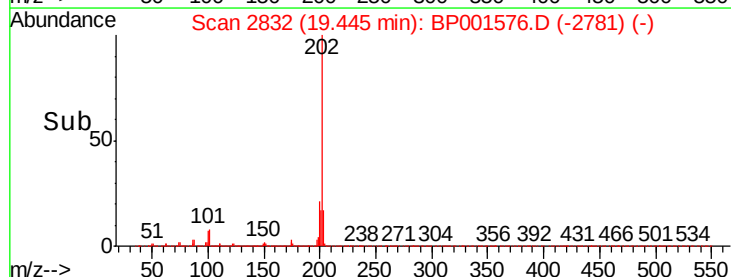
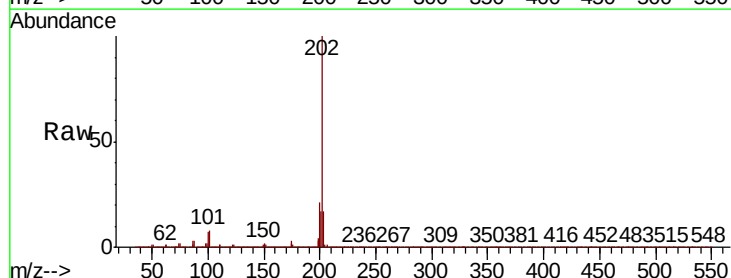
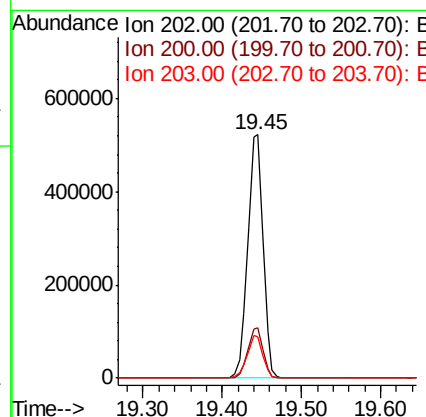
RT: 19.45 min Scan# 2832

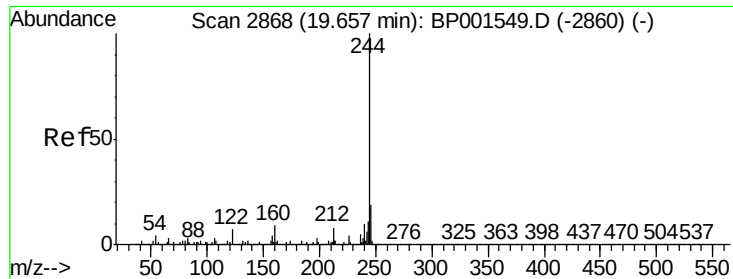
Delta R.T. 0.00 min

Lab File: BP001576.D

Acq: 09 Jan 2020 12:59

Tgt Ion:	202	Resp:	698345
Ion Ratio	Lower	Upper	
202	100		
200	20.6	17.0	25.6
203	16.8	13.7	20.5





#79

Terphenyl-d14

Concen: 76.685 ng

RT: 19.66 min Scan# 2868

Delta R.T. 0.00 min

Lab File: BP001576.D

Acq: 09 Jan 2020 12:59

Instrument :

BNA_P

ClientSampleId :

PB125970BS

Tot Ion:244 Resp: 1028109

Ion Ratio Lower Upper

244 100

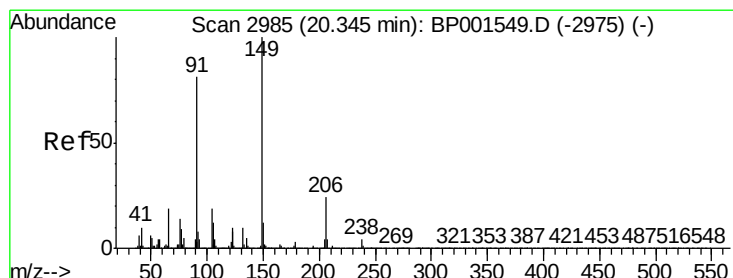
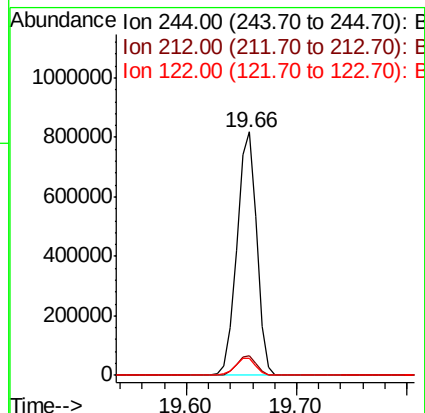
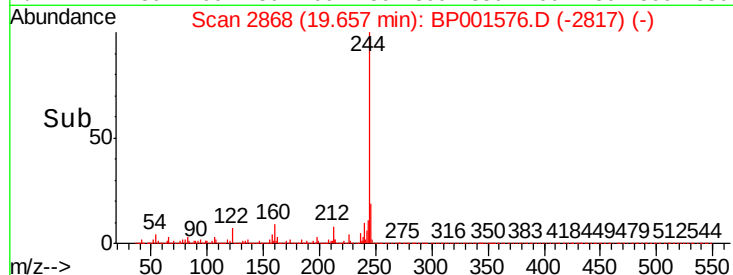
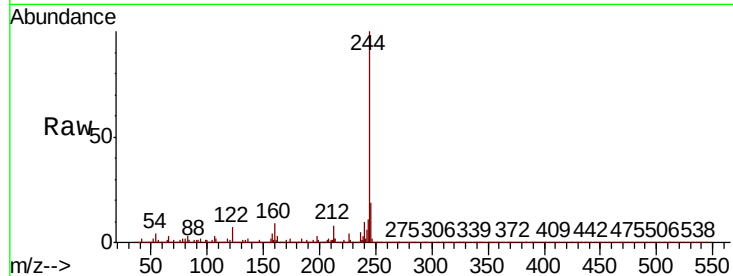
212 8.2 6.3 9.5

122 7.2 5.8 8.6

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#80

Butylbenzylphthalate

Concen: 37.335 ng

RT: 20.35 min Scan# 2985

Delta R.T. 0.00 min

Lab File: BP001576.D

Acq: 09 Jan 2020 12:59

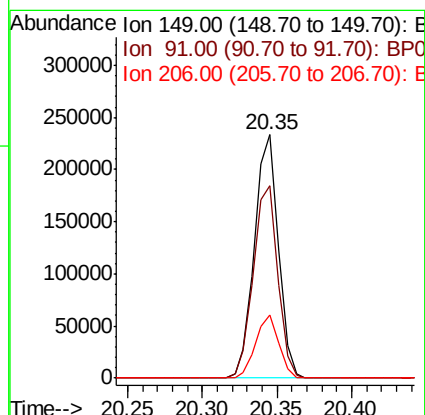
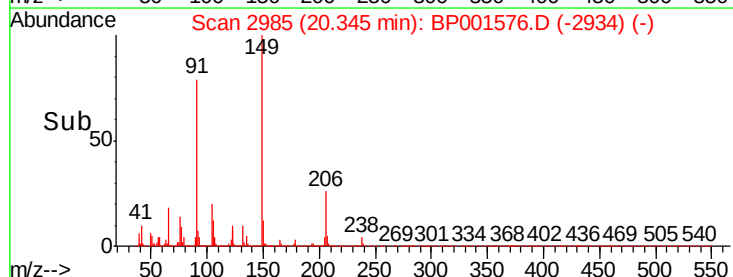
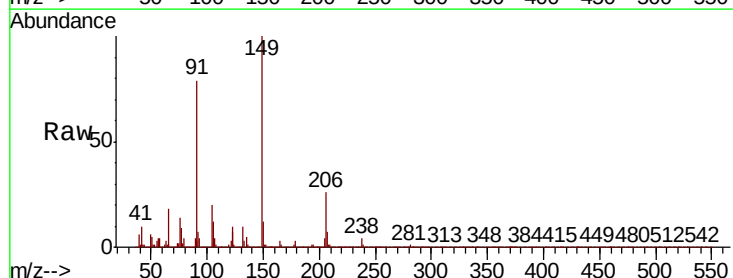
Tgt Ion:149 Resp: 255607

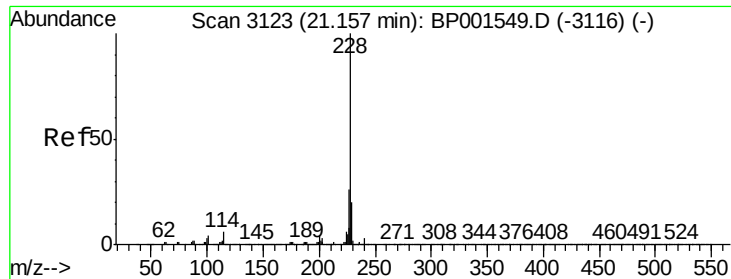
Ion Ratio Lower Upper

149 100

91 79.0 64.8 97.2

206 25.8 19.4 29.0





#81

Benzo(a)anthracene

Concen: 39.192 ng

RT: 21.16 min Scan# 3123

Delta R.T. 0.00 min

Lab File: BP001576.D

Acq: 09 Jan 2020 12:59

Instrument :

BNA_P

ClientSampleId :

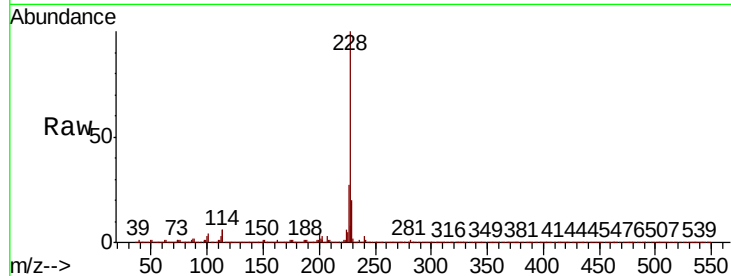
PB125970BS

Tot Ion:	228	Resp:	669316
Ion Ratio	Lower	Upper	
228	100		
226	27.3	21.2	31.8
229	20.1	16.1	24.1

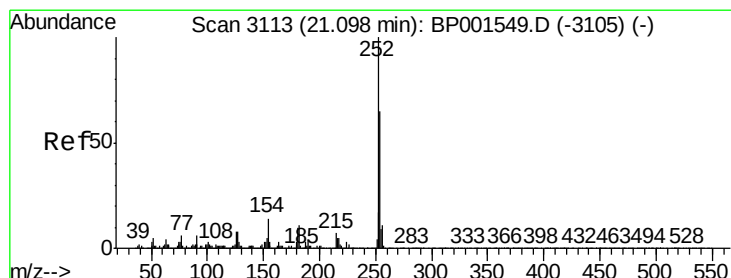
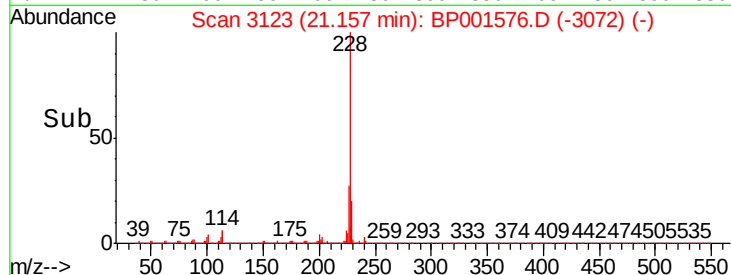
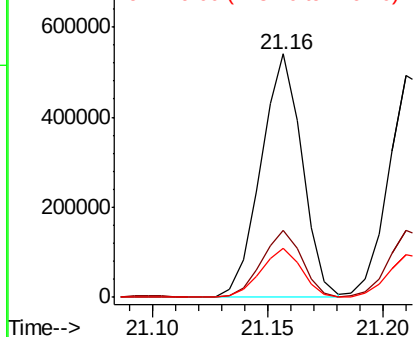
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Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 35.542 ng

RT: 21.10 min Scan# 3113

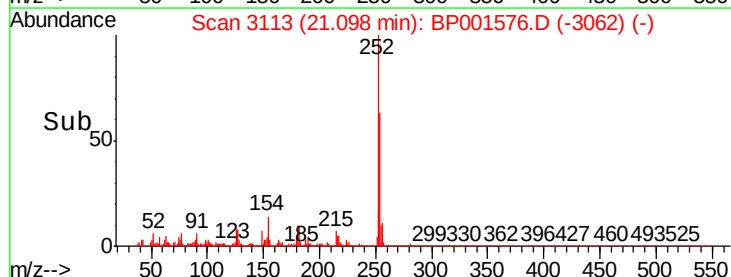
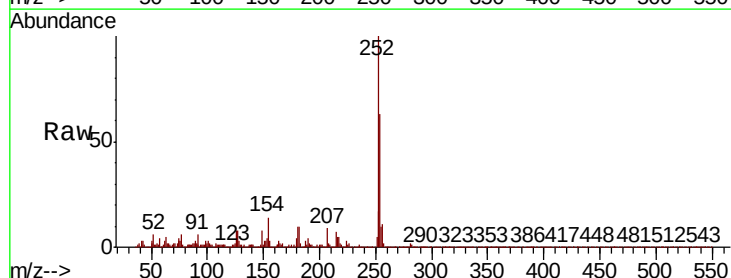
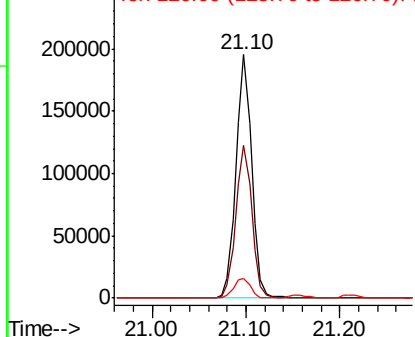
Delta R.T. 0.00 min

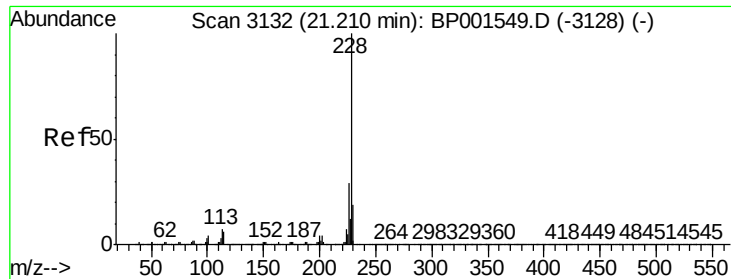
Lab File: BP001576.D

Acq: 09 Jan 2020 12:59

Tgt Ion:	252	Resp:	227608
Ion Ratio	Lower	Upper	
252	100		
254	62.5	52.2	78.2
126	8.1	6.6	9.8

Abundance Ion 252.00 (251.70 to 252.70): E
Ion 254.00 (253.70 to 254.70): E
Ion 126.00 (125.70 to 126.70): E





#83
Chrysene
Concen: 38.831 ng
RT: 21.21 min Scan# 3132
Delta R.T. 0.00 min
Lab File: BP001576.D
Acq: 09 Jan 2020 12:59

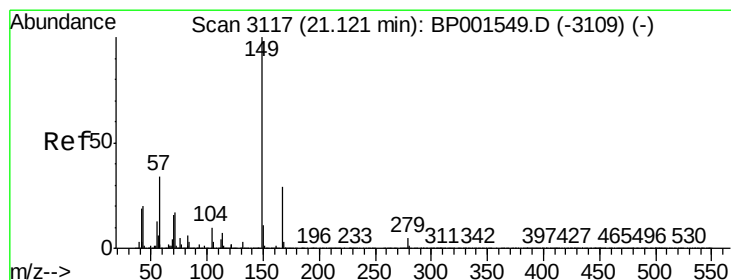
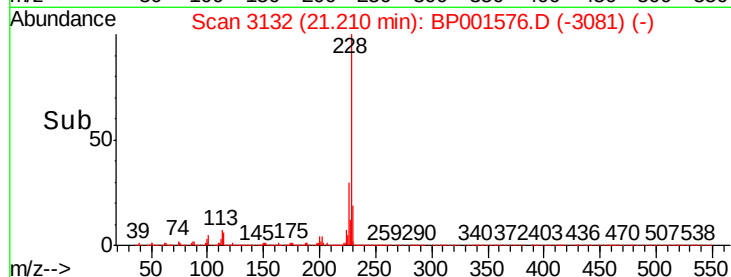
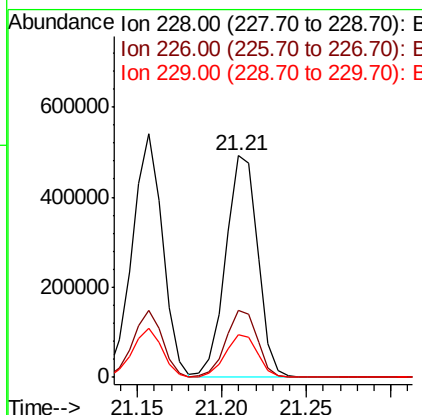
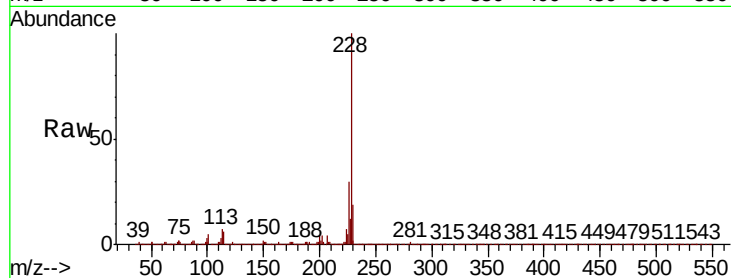
Instrument :
BNA_P
ClientSampleId :
PB125970BS

Tot Ion:	228	Resp:	646261
Ion Ratio	Lower	Upper	
228	100		
226	30.1	23.2	34.8
229	19.4	15.2	22.8

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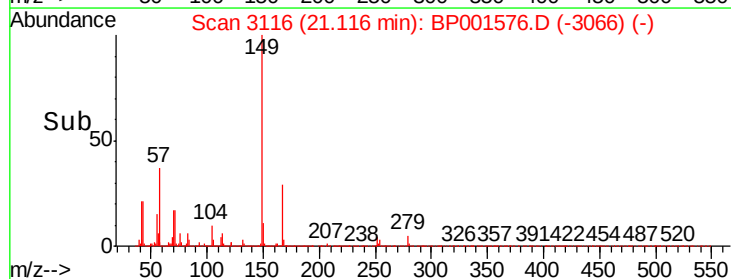
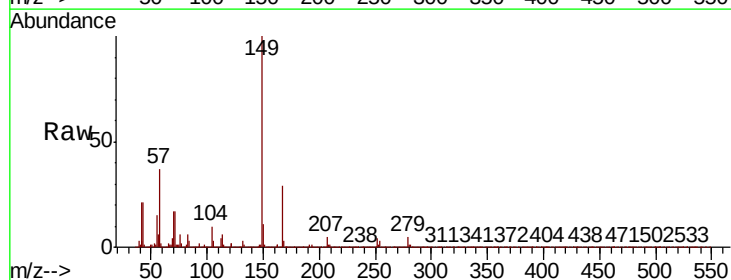
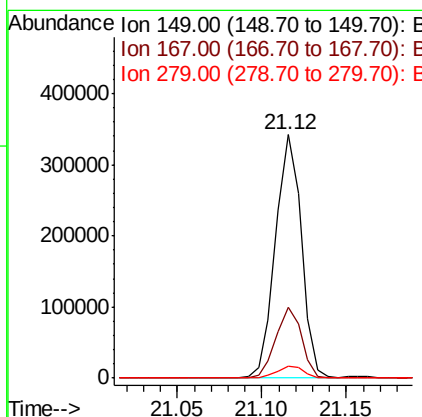
mohammad

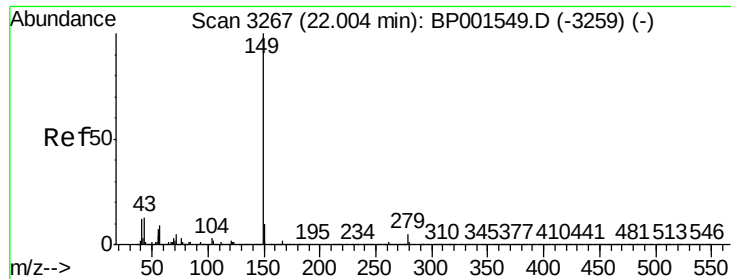
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#84
Bis(2-ethylhexyl)phthalate
Concen: 38.849 ng
RT: 21.12 min Scan# 3116
Delta R.T. -0.01 min
Lab File: BP001576.D
Acq: 09 Jan 2020 12:59

Tgt Ion:	149	Resp:	364607
Ion Ratio	Lower	Upper	
149	100		
167	28.9	23.5	35.3
279	4.9	4.0	6.0





#85
Di-n-octyl phthalate
Concen: 38.936 ng
RT: 22.00 min Scan# 3266
Delta R.T. -0.01 min
Lab File: BP001576.D
Acq: 09 Jan 2020 12:59

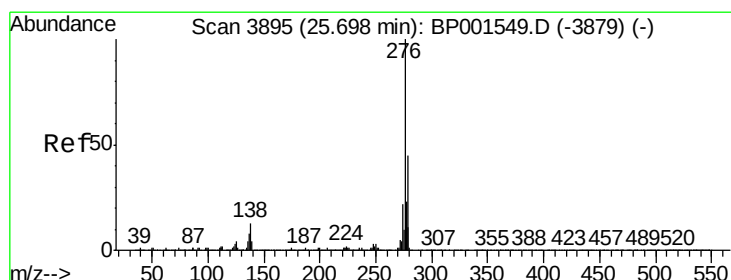
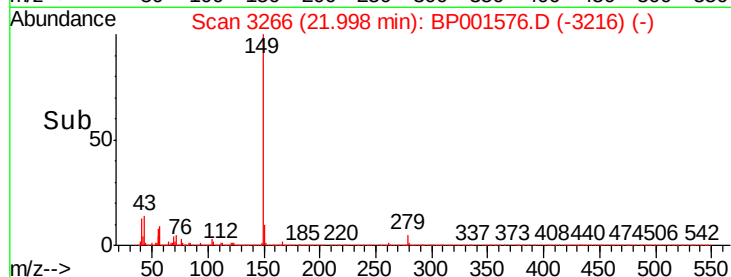
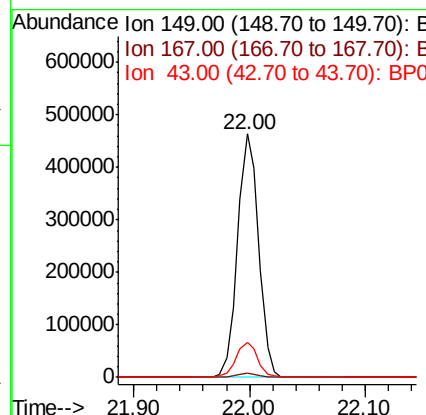
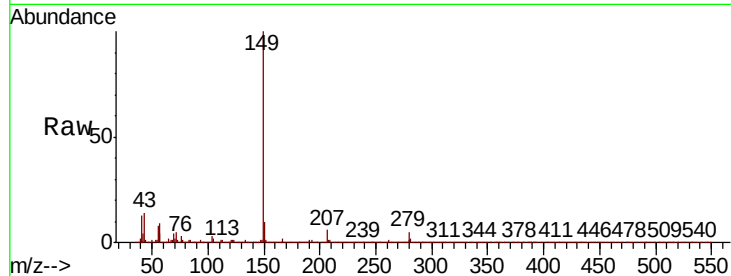
Instrument :
BNA_P
ClientSampleId :
PB125970BS

Tot Ion	Ratio	Lower	Upper
149	100		
167	1.7	1.4	2.0
43	14.5	10.7	16.1

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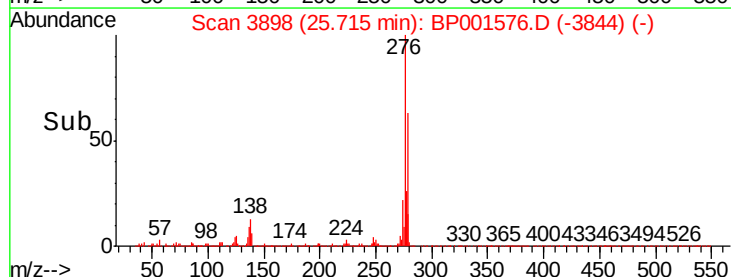
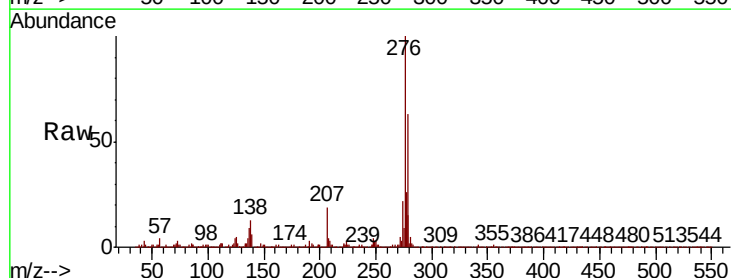
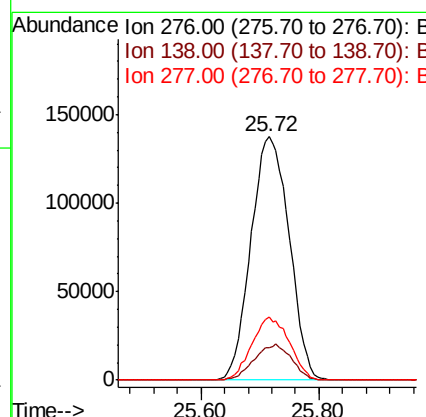
mohammad

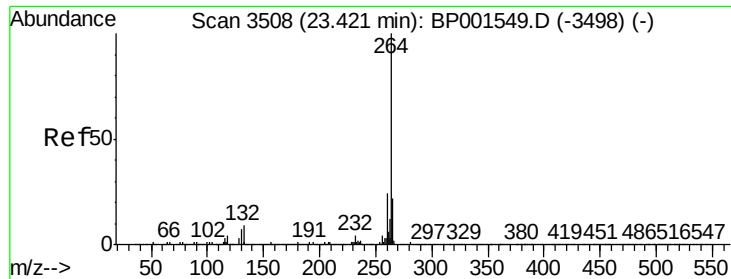
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#86
Indeno(1,2,3-cd)pyrene
Concen: 31.771 ng
RT: 25.72 min Scan# 3898
Delta R.T. 0.02 min
Lab File: BP001576.D
Acq: 09 Jan 2020 12:59

Tgt Ion	Ratio	Lower	Upper
276	100		
138	14.5	11.1	16.7
277	25.5	20.4	30.6





#87
Pervlene-d12
Concen: 20.000 ng
RT: 23.43 min Scan# 3510
Delta R.T. 0.01 min
Lab File: BP001576.D
Acq: 09 Jan 2020 12:59

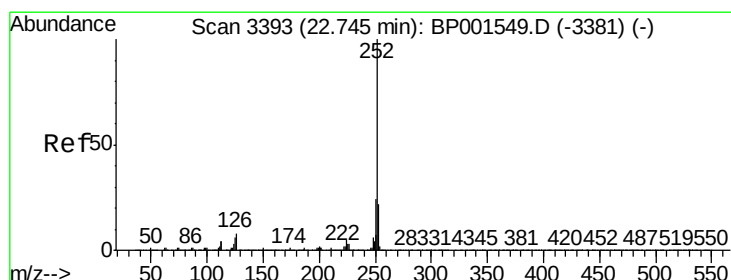
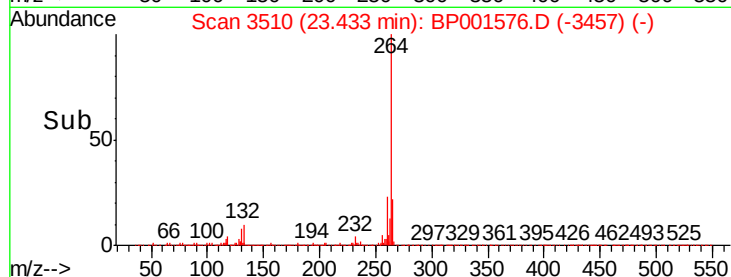
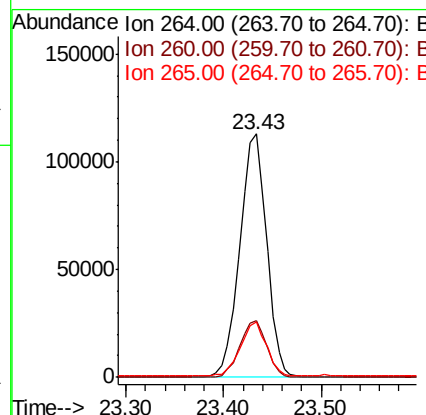
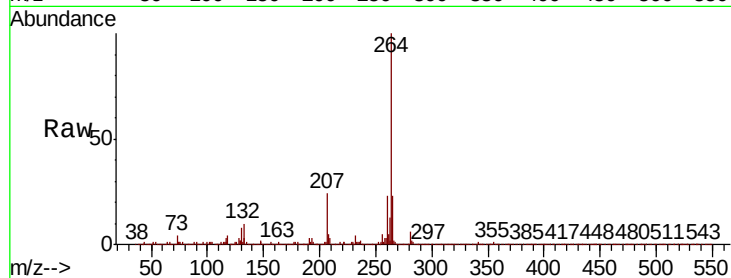
Instrument :
BNA_P
ClientSampleId :
PB125970BS

Tot Ion:	264	Resp:	215744
Ion Ratio	Lower	Upper	
264	100		
260	23.3	19.0	28.6
265	22.6	18.2	27.4

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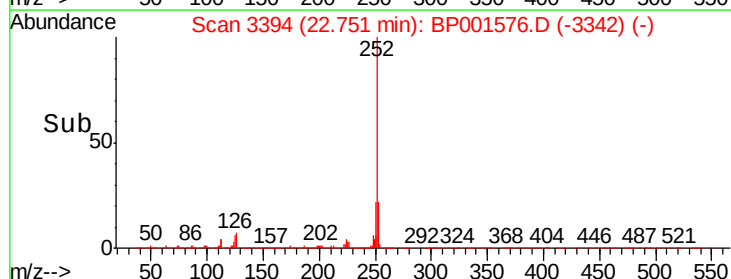
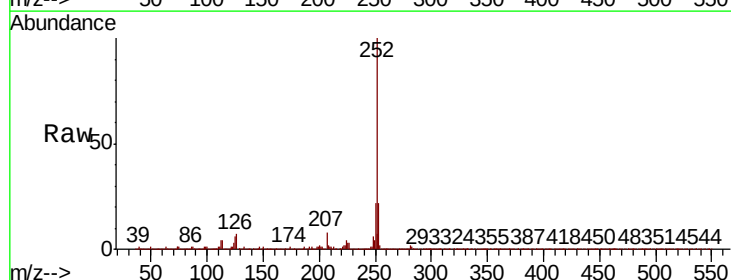
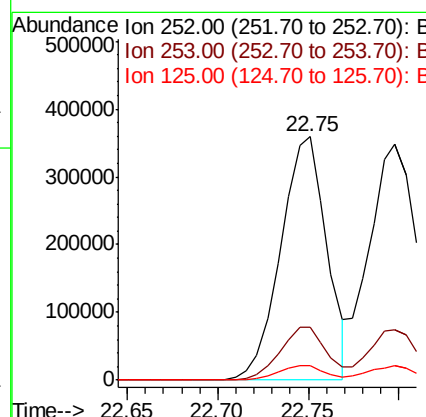
mohammad

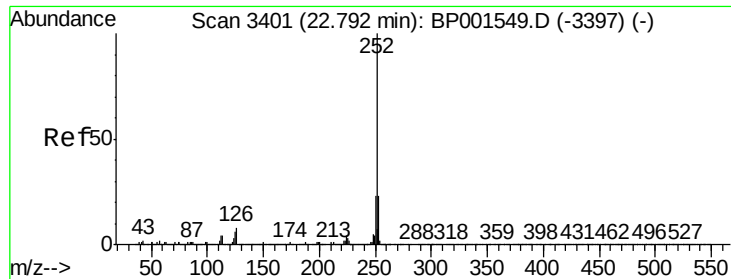
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#88
Benzo(b)fluoranthene
Concen: 46.760 ng
RT: 22.75 min Scan# 3394
Delta R.T. 0.01 min
Lab File: BP001576.D
Acq: 09 Jan 2020 12:59

Tgt Ion:	252	Resp:	635710
Ion Ratio	Lower	Upper	
252	100		
253	21.8	17.6	26.4
125	5.8	4.6	7.0





#89
Benzo(k)fluoranthene
Concen: 47.507 ng
RT: 22.80 min Scan# 3402
Delta R.T. 0.01 min
Lab File: BP001576.D
Acq: 09 Jan 2020 12:59

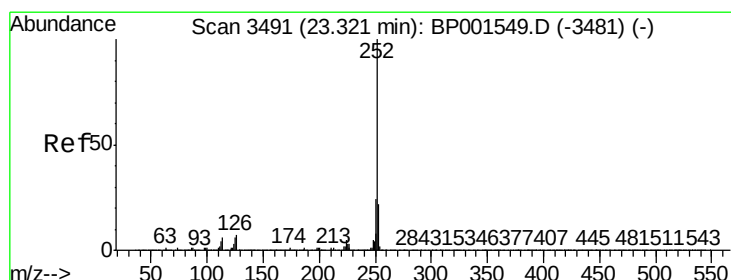
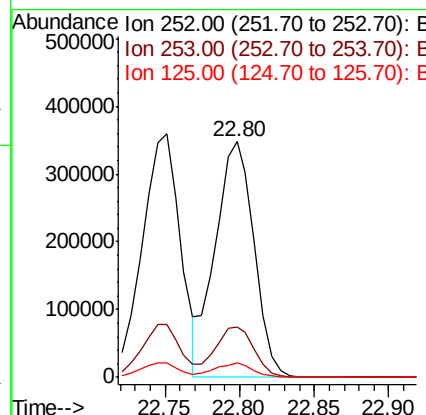
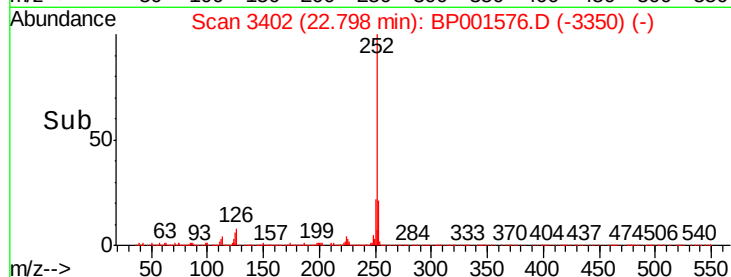
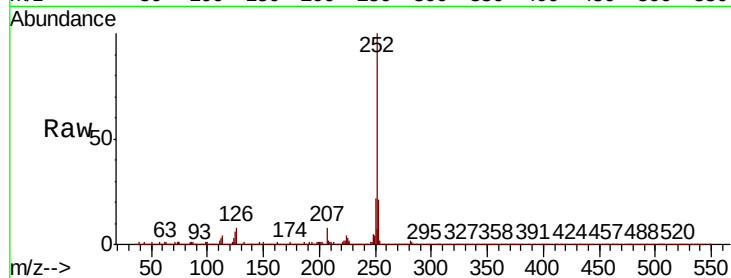
Instrument :
BNA_P
ClientSampleId :
PB125970BS

Tot Ion:	252	Resp:	629719
Ion Ratio	Lower	Upper	
252	100		
253	21.3	18.2	27.2
125	6.0	4.6	6.8

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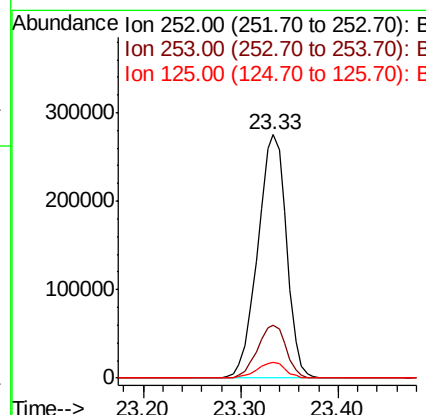
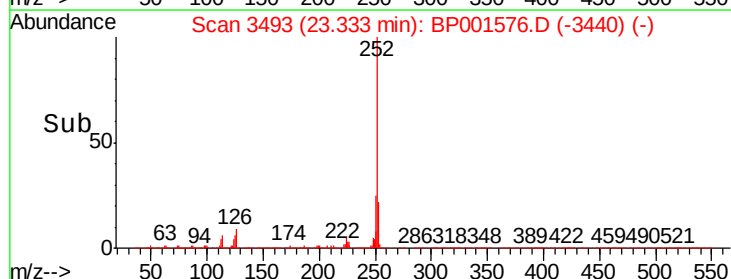
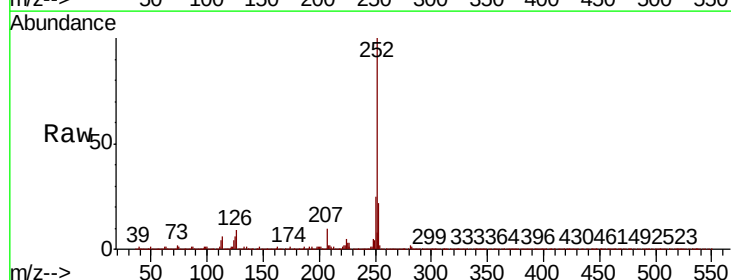
mohammad

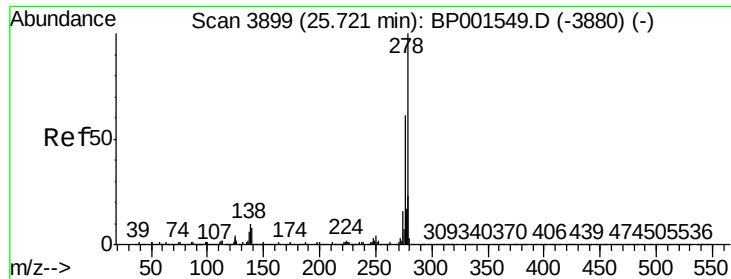
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#90
Benzo(a)pyrene
Concen: 43.801 ng
RT: 23.33 min Scan# 3493
Delta R.T. 0.01 min
Lab File: BP001576.D
Acq: 09 Jan 2020 12:59

Tgt Ion:	252	Resp:	565392
Ion Ratio	Lower	Upper	
252	100		
253	22.0	17.6	26.4
125	6.3	5.0	7.4





#91
Dibenzo(a,h)anthracene
Concen: 40.033 ng
RT: 25.74 min Scan# 3903
Delta R.T. 0.02 min
Lab File: BP001576.D
Acq: 09 Jan 2020 12:59

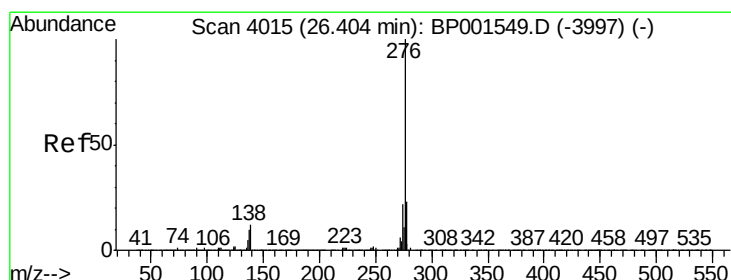
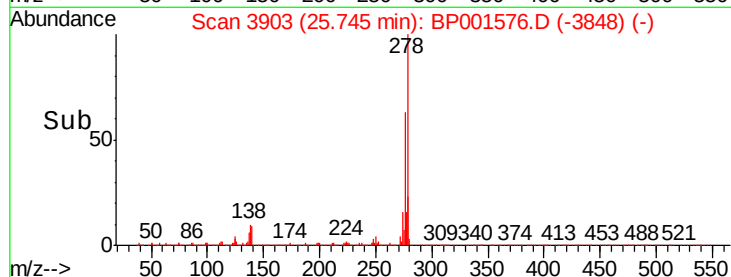
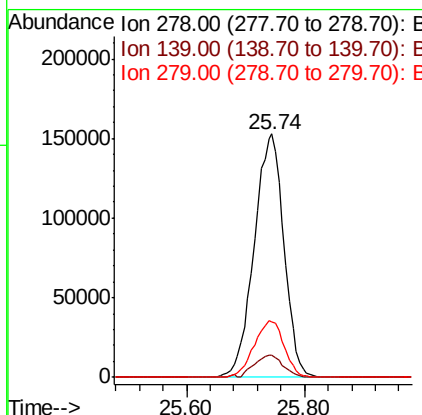
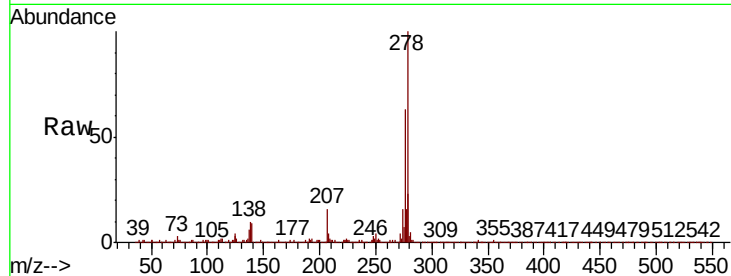
Instrument :
BNA_P
ClientSampleId :
PB125970BS

Tot Ion:	278	Resp:	533175
Ion Ratio	Lower	Upper	
278	100		
139	9.2	6.7	10.1
279	22.8	18.6	28.0

Manual Integrations
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#92
Benzo(g,h,i)perylene
Concen: 39.025 ng
RT: 26.44 min Scan# 4022
Delta R.T. 0.04 min
Lab File: BP001576.D
Acq: 09 Jan 2020 12:59

Tgt Ion:	276	Resp:	516684
Ion Ratio	Lower	Upper	
276	100		
277	23.8	18.6	28.0
138	13.9	9.4	14.2

