

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP011620\
 Data File : BP001636.D
 Acq On : 16 Jan 2020 19:50
 Operator : JU
 Sample : L1148-07MSD
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SB-28-(4-6)MSD

Manual Integrations
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 1/17/2020 2:08:33 PM

Quant Time: Jan 17 04:54:53 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP010820.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jan 14 21:52:04 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.63	152	34535	20.00	ng	-0.01
21) Naphthalene-d8	10.40	136	124291	20.00	ng	-0.01
39) Acenaphthene-d10	14.28	164	79110	20.00	ng	0.00
64) Phenanthrene-d10	17.04	188	186747	20.00	ng	-0.01
76) Chrysene-d12	21.15	240	171407	20.00	ng	-0.01
87) Perylene-d12	23.37	264	175297	20.00	ng	-0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.26	112	203470	115.41	ng	0.00
7) Phenol-d6	6.83	99	291241	103.37	ng	0.00
23) Nitrobenzene-d5	8.78	82	199994	70.31	ng	-0.01
42) 2,4,6-Tribromophenol	15.78	330	117976	97.97	ng	-0.01
45) 2-Fluorobiphenyl	12.89	172	414583	77.05	ng	-0.01
79) Terphenyl-d14	19.63	244	660038	70.43	ng	-0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.22	88	26847	47.717	ng	97
3) Pyridine	3.59	79	78943	38.829	ng	95
4) n-Nitrosodimethylamine	3.52	42	73973	51.336	ng	100
6) Aniline	6.96	93	124918	35.458	ng	96
8) 2-Chlorophenol	7.20	128	99776	48.477	ng	98
9) Benzaldehyde	6.78	77	64456	38.299	ng	94
10) Phenol	6.86	94	142370	48.846	ng	94
11) bis(2-Chloroethyl)ether	7.07	93	105227	46.033	ng	98
12) 1,3-Dichlorobenzene	7.52	146	115426	44.614	ng	98
13) 1,4-Dichlorobenzene	7.66	146	117857	44.055	ng	96
14) 1,2-Dichlorobenzene	7.98	146	112030	43.333	ng	97
15) Benzyl Alcohol	7.88	79	108366	40.840	ng	97
16) 2,2'-oxybis(1-Chloropropan	8.17	45	190675	44.901	ng	99
17) 2-Methylphenol	8.09	107	90271	44.608	ng	97
18) Hexachloroethane	8.70	117	46393	44.422	ng	96
19) n-Nitroso-di-n-propylamine	8.44	70	87366	40.671	ng	96
20) 3+4-Methylphenols	8.42	107	117667	41.569	ng	99
22) Acetophenone	8.45	105	157983	45.343	ng	# 99
24) Nitrobenzene	8.82	77	137275	47.706	ng	95
25) Isophorone	9.35	82	234035	45.884	ng	99
26) 2-Nitrophenol	9.53	139	53155	48.880	ng	96
27) 2,4-Dimethylphenol	9.60	122	89754	55.246	ng	96
28) bis(2-Chloroethoxy)methane	9.83	93	130092	43.538	ng	98
29) 2,4-Dichlorophenol	10.06	162	98509	44.298	ng	98
30) 1,2,4-Trichlorobenzene	10.28	180	117582	43.799	ng	98
31) Naphthalene	10.46	128	300373	45.791	ng	99
32) Benzoic acid	9.78	122	52998	37.399	ng	95
33) 4-Chloroaniline	10.57	127	49277	16.315	ng	96
34) Hexachlorobutadiene	10.75	225	83686	44.037	ng	99
35) Caprolactam	11.35	113	31021m	38.415	ng	
36) 4-Chloro-3-methylphenol	11.72	107	106237	39.807	ng	100
37) 2-Methylnaphthalene	12.08	142	218076	41.715	ng	96
38) 1-Methylnaphthalene	12.30	142	205593	40.867	ng	95
40) 1,2,4,5-Tetrachlorobenzene	12.45	216	139807	51.590	ng	97

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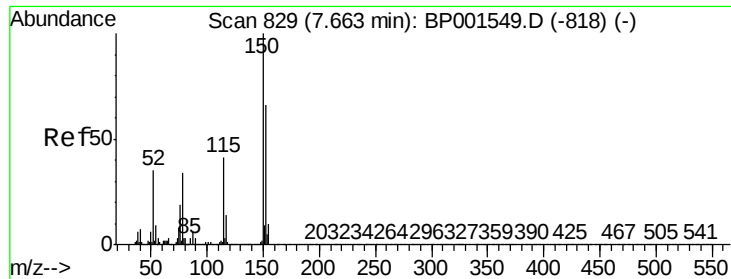
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 Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP010820.M
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 QLast Update : Tue Jan 14 21:52:04 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.44	237	132807	96.613	nq	99
43) 2,4,6-Trichlorophenol	12.70	196	89399	51.151	nq	97
44) 2,4,5-Trichlorophenol	12.77	196	96691	52.061	nq	100
46) 1,1'-Biphenyl	13.10	154	288550	50.901	nq	99
47) 2-Chloronaphthalene	13.14	162	229479	48.706	nq	97
48) 2-Nitroaniline	13.35	65	87453	47.245	nq	95
49) Acenaphthylene	14.00	152	363840	50.073	nq	100
50) Dimethylphthalate	13.75	163	325904	50.017	nq	99
51) 2,6-Dinitrotoluene	13.86	165	63135	45.692	nq	93
52) Acenaphthene	14.35	154	210532	46.783	nq	99
53) 3-Nitroaniline	14.19	138	29345	20.115	nq	99
54) 2,4-Dinitrophenol	14.40	184	45847	59.011	nq	88
55) Dibenzofuran	14.68	168	356309	46.821	nq	99
56) 4-Nitrophenol	14.53	139	103538	88.876	nq	93
57) 2,4-Dinitrotoluene	14.66	165	88926	43.984	nq	98
58) Fluorene	15.34	166	286482	46.522	nq	98
59) 2,3,4,6-Tetrachlorophenol	14.92	232	87465	45.607	nq	99
60) Diethylphthalate	15.13	149	279470	41.701	nq	98
61) 4-Chlorophenyl-phenylether	15.34	204	160241	45.468	nq	99
62) 4-Nitroaniline	15.36	138	47358	28.472	nq	100
63) Azobenzene	15.63	77	321686	48.039	nq	95
65) 4,6-Dinitro-2-methylphenol	15.43	198	37196	36.841	nq	95
66) n-Nitrosodiphenylamine	15.56	169	246477	49.820	nq	99
67) 4-Bromophenyl-phenylether	16.24	248	99543	47.250	nq	94
68) Hexachlorobenzene	16.35	284	111397	45.511	nq	99
69) Atrazine	16.52	200	99146	54.566	nq	99
70) Pentachlorophenol	16.70	266	134051	99.168	nq	97
71) Phenanthrene	17.08	178	469078	46.188	nq	98
72) Anthracene	17.17	178	481729	48.725	nq	99
73) Carbazole	17.45	167	409305	44.096	nq	99
74) Di-n-butylphthalate	18.03	149	480862	43.788	nq	98
75) Fluoranthene	19.06	202	594239	44.468	nq	100
77) Benzidine	19.26	184	392915	100.391	nq	99
78) Pyrene	19.42	202	591789	47.000	nq	98
80) Butylbenzylphthalate	20.31	149	216384	45.216	nq	94
81) Benzo(a)anthracene	21.13	228	555532	46.537	nq	99
82) 3,3'-Dichlorobenzidine	21.07	252	204743	45.738	nq	98
83) Chrysene	21.18	228	533747	45.880	nq	97
84) Bis(2-ethylhexyl)phthalate	21.09	149	305292	46.536	nq	99
85) Di-n-octyl phthalate	21.96	149	507094	48.477	nq	95
86) Indeno(1,2,3-cd)pyrene	25.63	276	575549	42.264	nq	97
88) Benzo(b)fluoranthene	22.71	252	518635	46.951	nq	99
89) Benzo(k)fluoranthene	22.75	252	523905	48.644	nq	97
90) Benzo(a)pyrene	23.28	252	480349	45.799	nq	98
91) Dibenzo(a,h)anthracene	25.64	278	489121	45.200	nq	# 97
92) Benzo(g,h,i)perylene	26.32	276	483847	44.977	nq	98

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



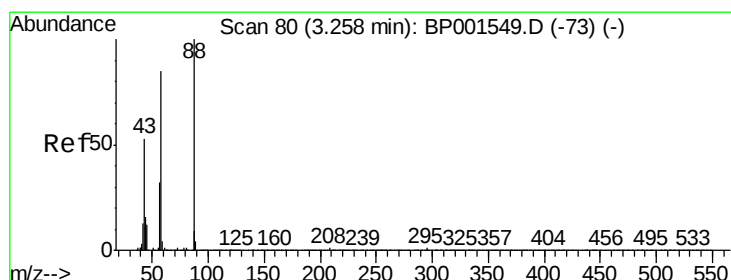
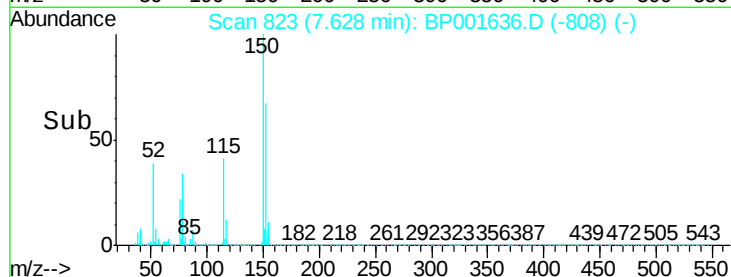
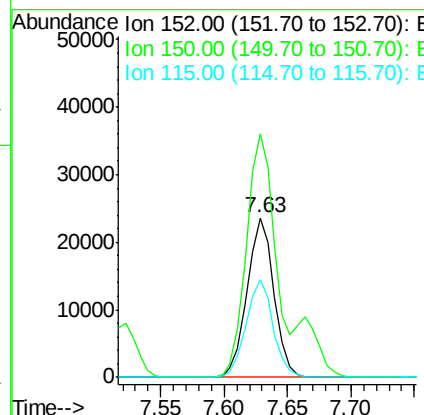
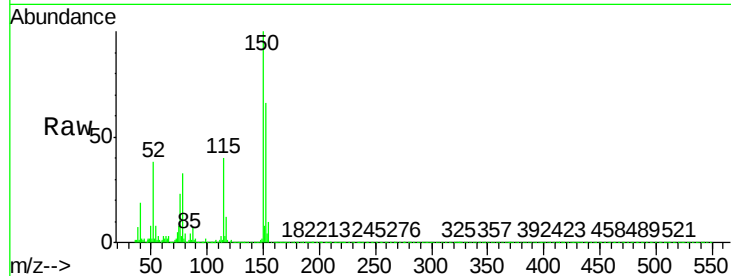
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1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.63 min Scan# 823
Delta R.T. -0.01 min
Lab File: BP001636.D
Acq: 16 Jan 2020 19:50

Instrument :
BNA_P
ClientSampleId :
SB-28-(4-6)MSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	152.4	122.0	183.0
115	61.4	50.7	76.1

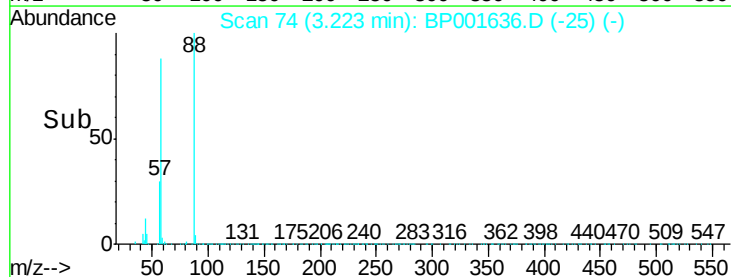
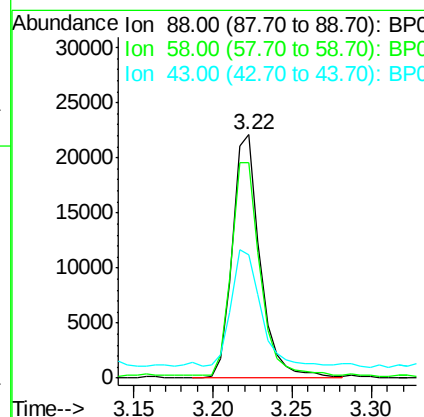
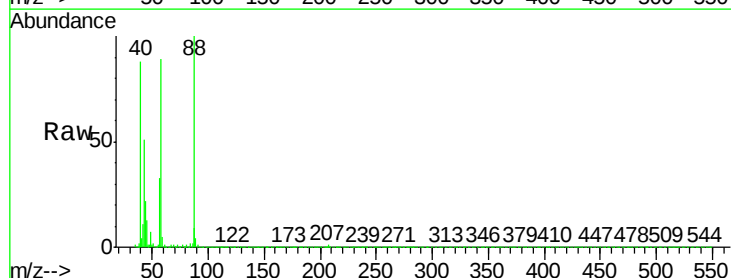
Manual Integrations
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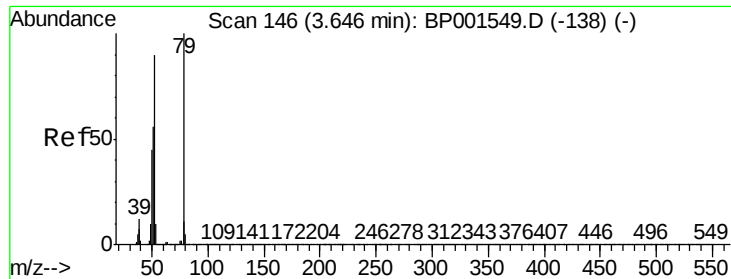
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#2
1,4-Dioxane
Concen: 47.717 ng
RT: 3.22 min Scan# 74
Delta R.T. -0.01 min
Lab File: BP001636.D
Acq: 16 Jan 2020 19:50

Tgt Ion	Ratio	Lower	Upper
88	100		
58	90.4	69.5	104.3
43	51.2	40.3	60.5





#3

Pvridine

Concen: 38.829 ng

RT: 3.59 min Scan# 137

Delta R.T. -0.02 min

Lab File: BP001636.D

Acq: 16 Jan 2020 19:50

Instrument :

BNA_P

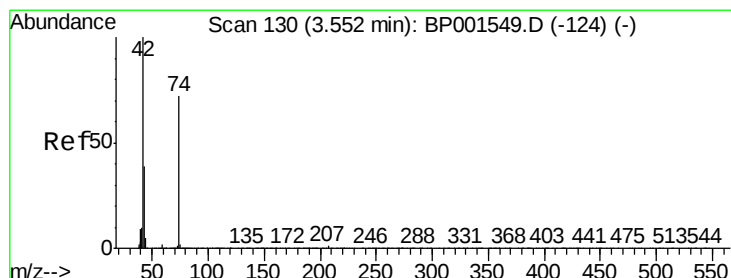
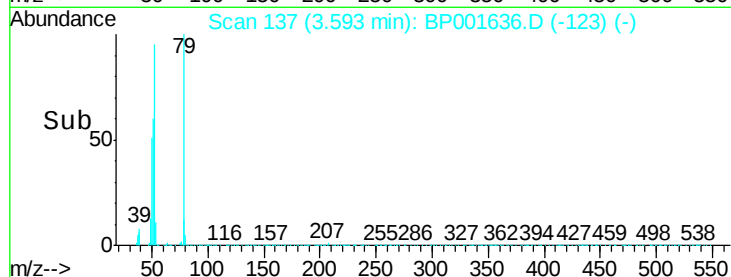
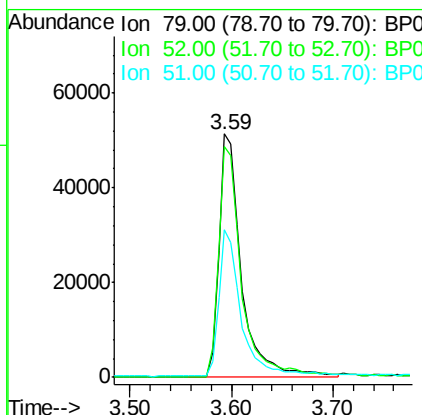
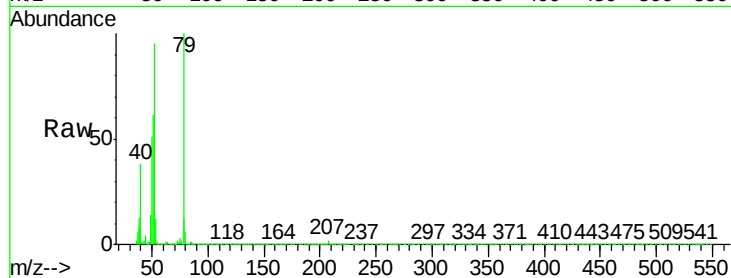
ClientSampleId :

SB-28-(4-6)MSD

Tot Ion:	79	Resp:	78943
Ion	Ratio	Lower	Upper
79	100		
52	94.6	72.1	108.1
51	60.6	44.8	67.2

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#4

n-Nitrosodimethylamine

Concen: 51.336 ng

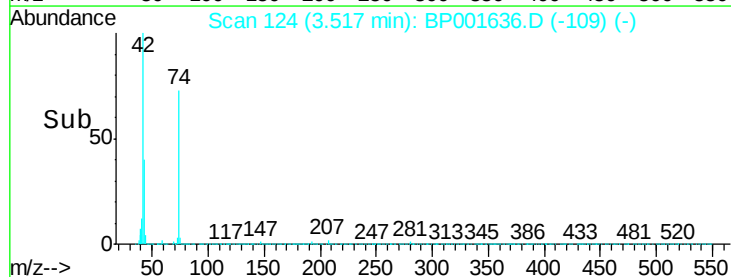
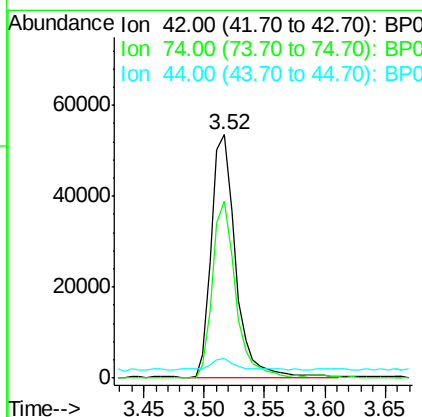
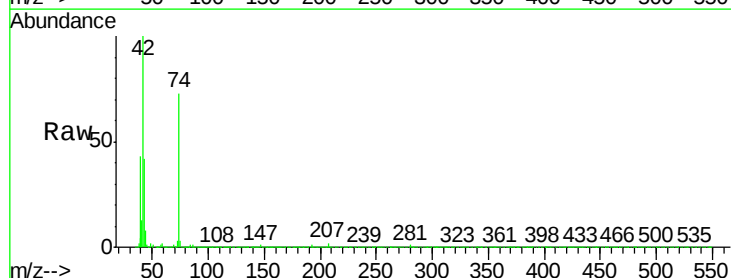
RT: 3.52 min Scan# 124

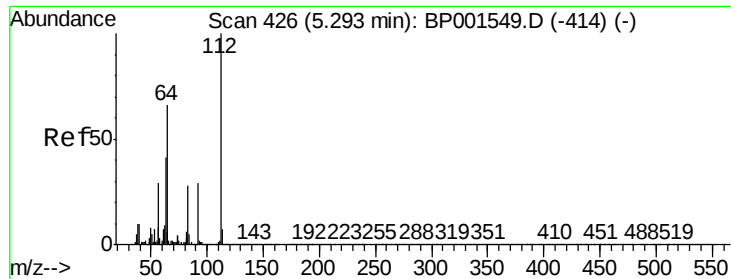
Delta R.T. -0.01 min

Lab File: BP001636.D

Acq: 16 Jan 2020 19:50

Tgt Ion:	42	Resp:	73973
Ion	Ratio	Lower	Upper
42	100		
74	72.9	58.0	87.0
44	8.1	6.7	10.1





#5

2-Fluorophenol

Concen: 115.413 ng

RT: 5.26 min Scan# 420

Delta R.T. -0.01 min

Lab File: BP001636.D

Acq: 16 Jan 2020 19:50

Instrument :

BNA_P

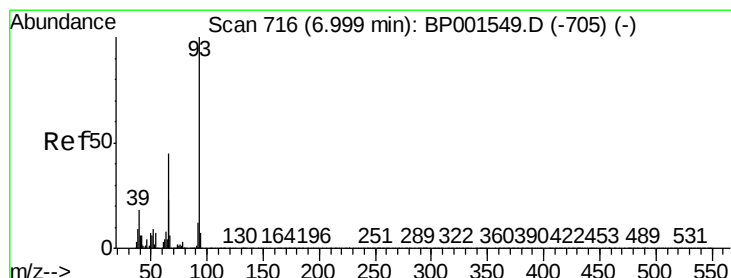
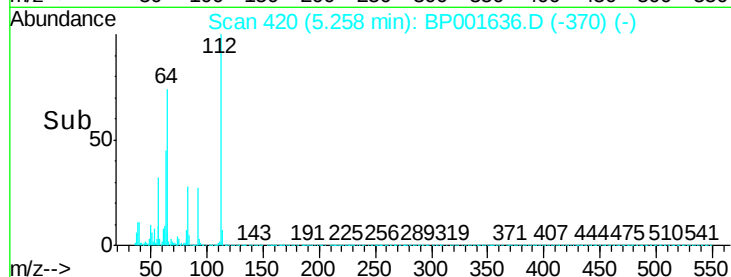
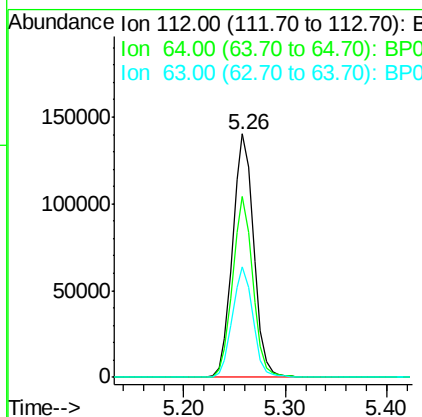
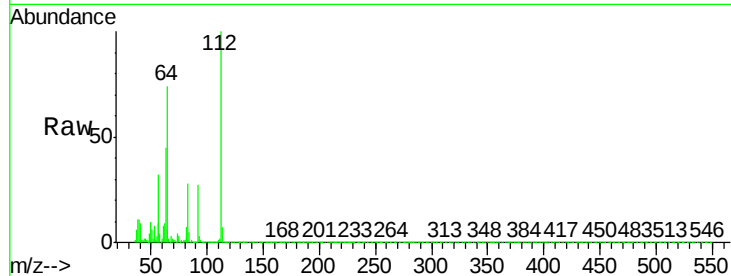
ClientSampleId :

SB-28-(4-6)MSD

Tot Ion	Ratio	Resp	Lower	Upper
112	100	203470		
64	74.1	52.8	79.2	
63	45.4	33.1	49.7	

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#6

Aniline

Concen: 35.458 ng

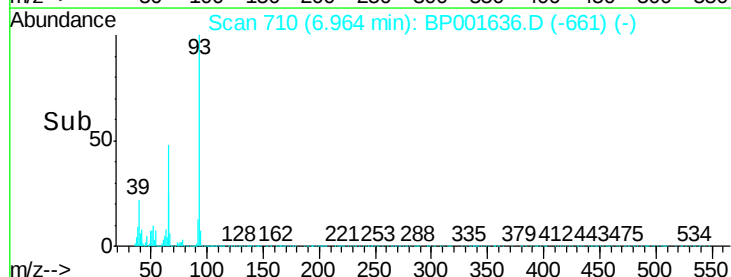
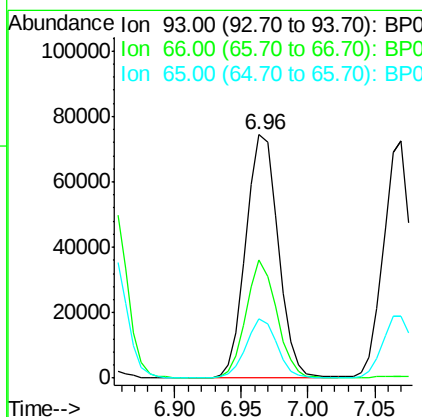
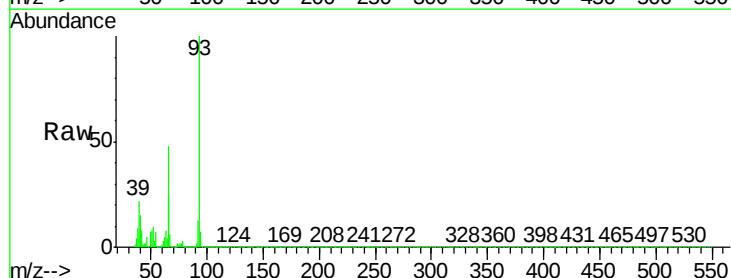
RT: 6.96 min Scan# 710

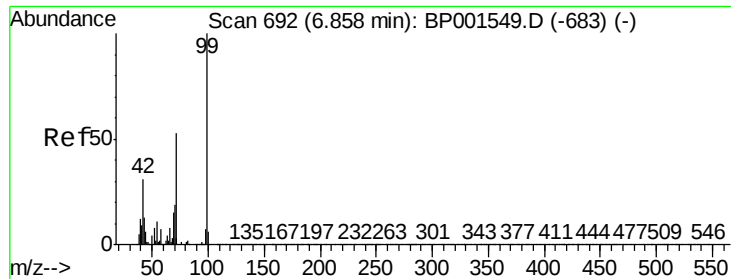
Delta R.T. -0.01 min

Lab File: BP001636.D

Acq: 16 Jan 2020 19:50

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	124918		
66	48.3	36.4	54.6	
65	24.4	18.5	27.7	





#7

Phenol-d6

Concen: 103.366 ng

RT: 6.83 min Scan# 687

Delta R.T. -0.01 min

Lab File: BP001636.D

Acq: 16 Jan 2020 19:50

Instrument :

BNA_P

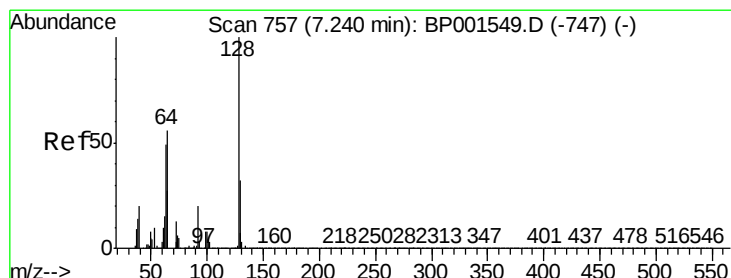
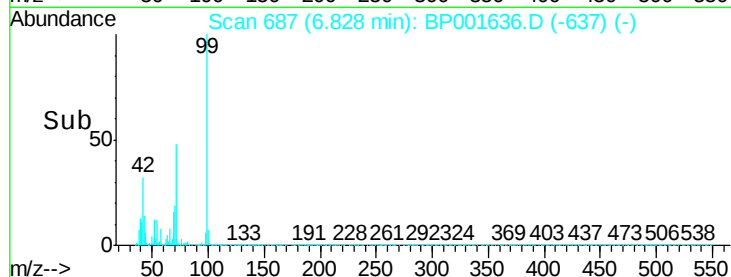
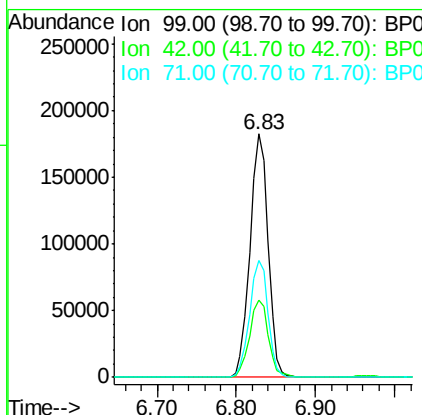
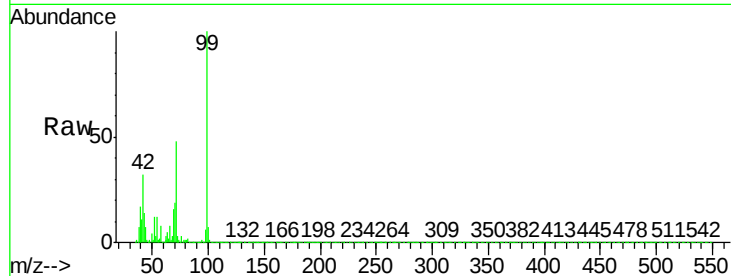
ClientSampleId :

SB-28-(4-6)MSD

Tot Ion:	99	Resp:	291241
Ion Ratio	Lower	Upper	
99	100		
42	31.8	24.5	36.7
71	48.2	42.4	63.6

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#8

2-Chlorophenol

Concen: 48.477 ng

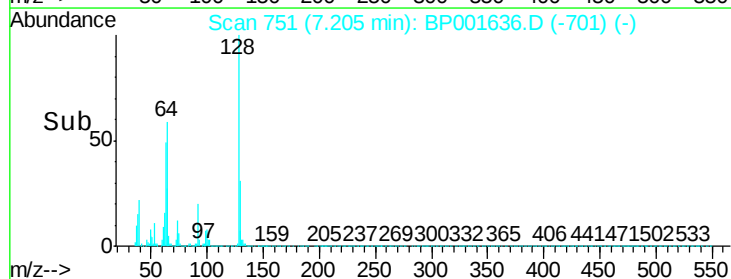
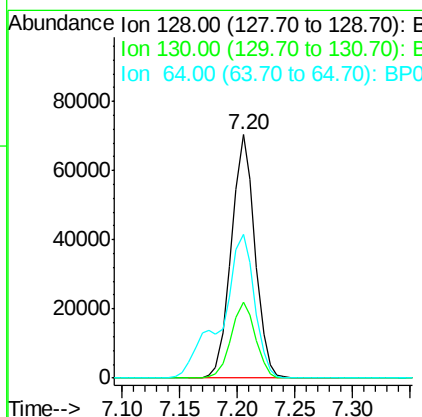
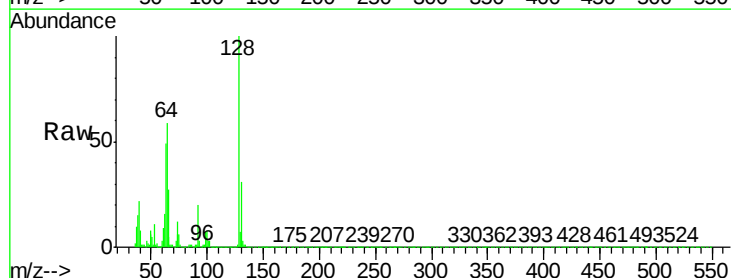
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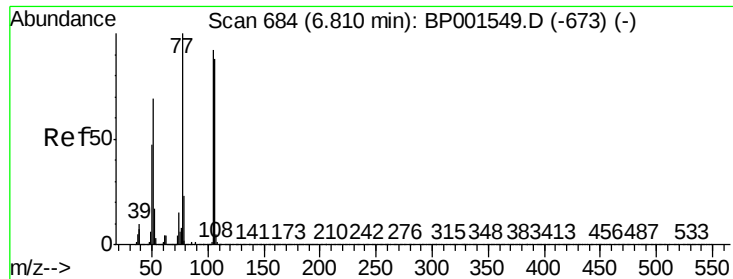
Delta R.T. -0.01 min

Lab File: BP001636.D

Acq: 16 Jan 2020 19:50

Tgt Ion:	128	Resp:	99776
Ion Ratio	Lower	Upper	
128	100		
130	31.2	11.8	51.8
64	59.2	37.2	77.2





#9

Benzaldehyde

Concen: 38.299 ng

RT: 6.78 min Scan# 678

Delta R.T. -0.01 min

Lab File: BP001636.D

Acq: 16 Jan 2020 19:50

Instrument :

BNA_P

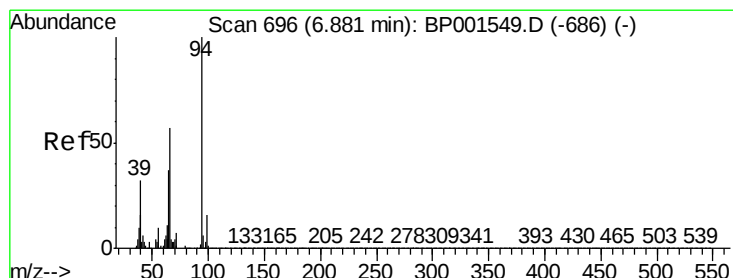
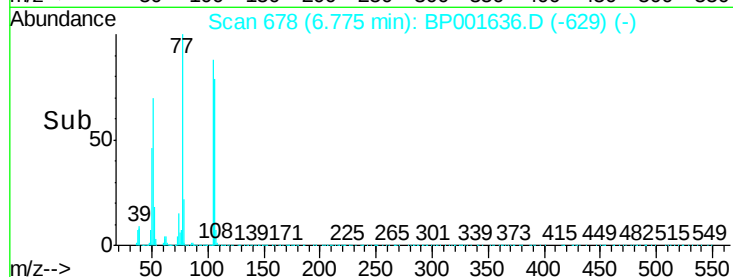
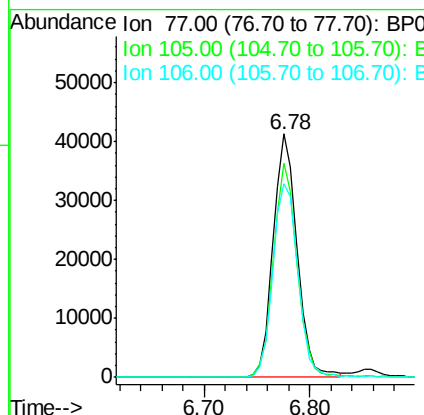
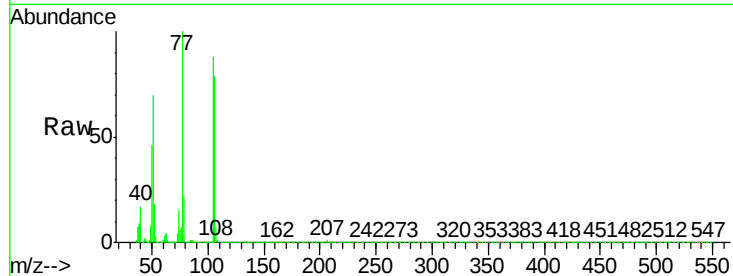
ClientSampleId :

SB-28-(4-6)MSD

Tot Ion:	77	Resp:	64456
Ion	Ratio	Lower	Upper
77	100		
105	88.2	71.6	111.6
106	79.3	67.7	107.7

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#10

Phenol

Concen: 48.846 ng

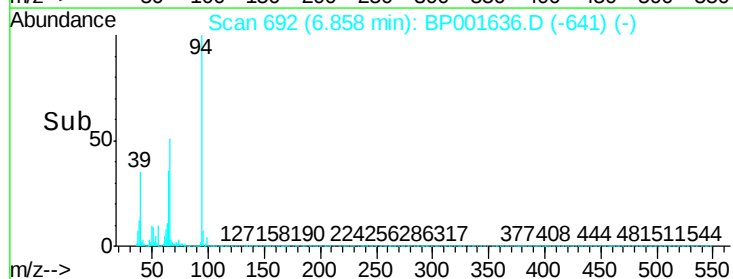
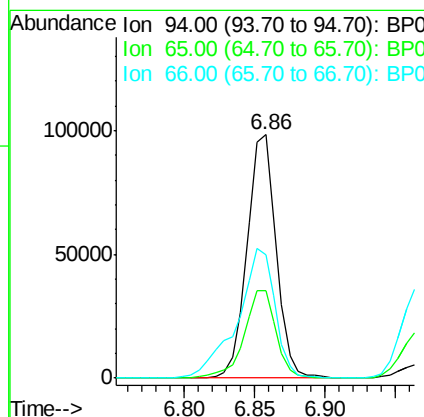
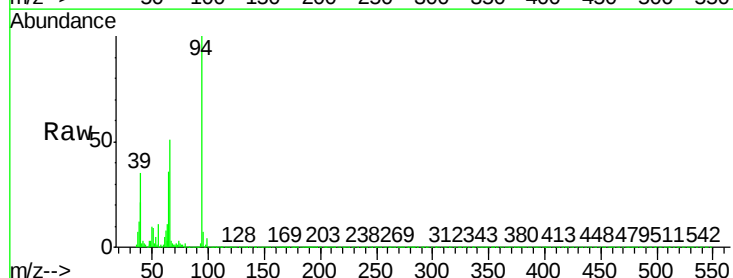
RT: 6.86 min Scan# 692

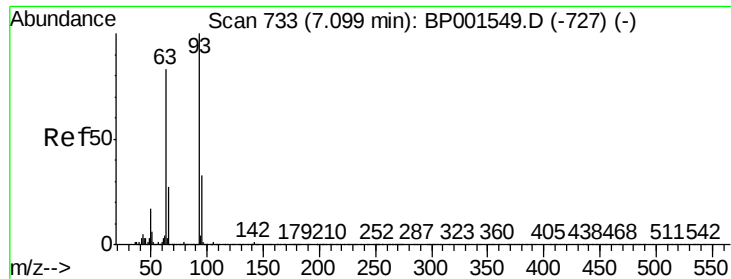
Delta R.T. 0.00 min

Lab File: BP001636.D

Acq: 16 Jan 2020 19:50

Tgt Ion:	94	Resp:	142370
Ion	Ratio	Lower	Upper
94	100		
65	36.0	17.5	57.5
66	50.8	36.7	76.7





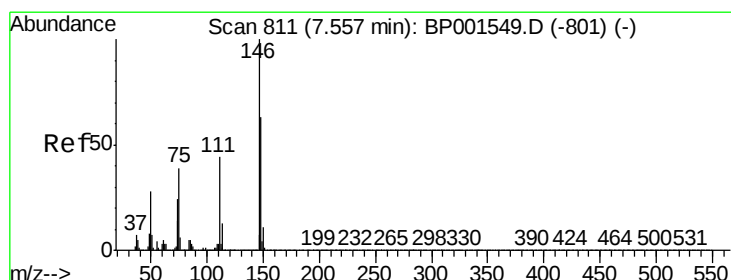
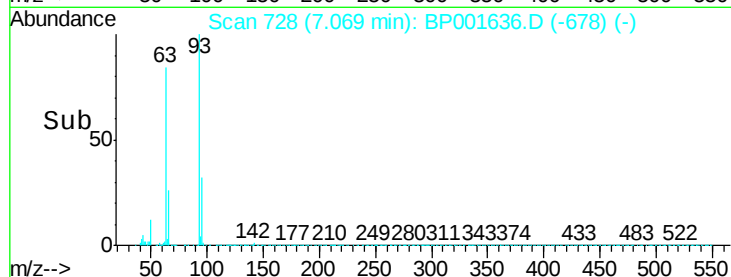
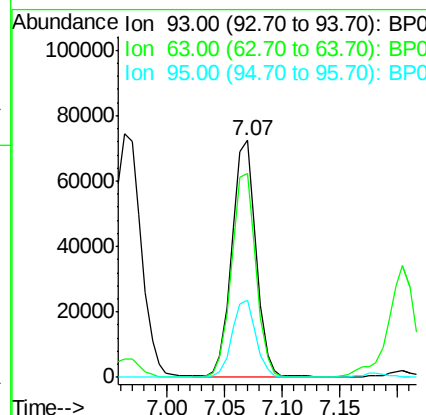
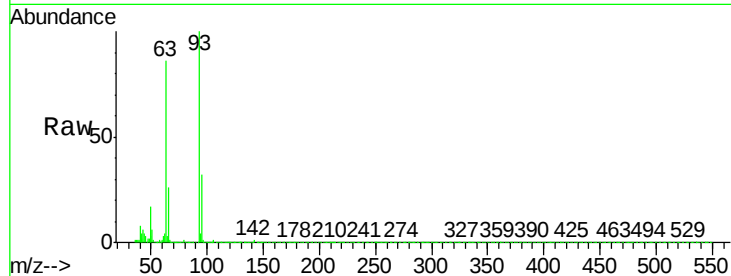
#11
bis(2-Chloroethyl)ether
Concen: 46.033 ng
RT: 7.07 min Scan# 728
Delta R.T. -0.01 min
Lab File: BP001636.D
Acq: 16 Jan 2020 19:50

Instrument :
BNA_P
ClientSampleId :
SB-28-(4-6)MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
93	100		105227		
63	86.1	63.2	103.2		
95	32.4	12.6	52.6		

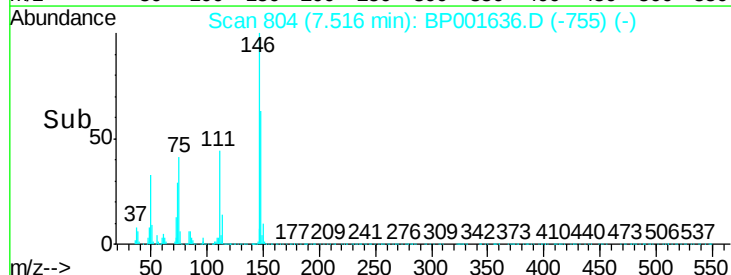
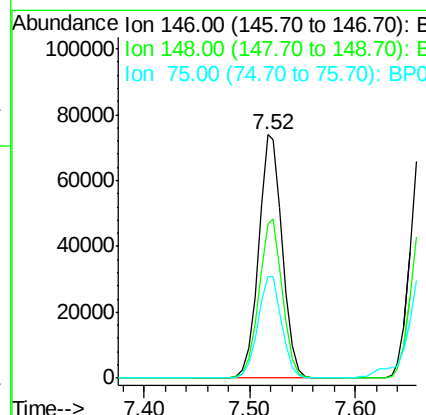
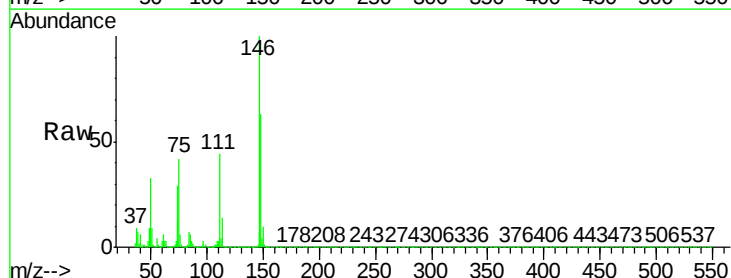
Manual Integrations
APPROVED

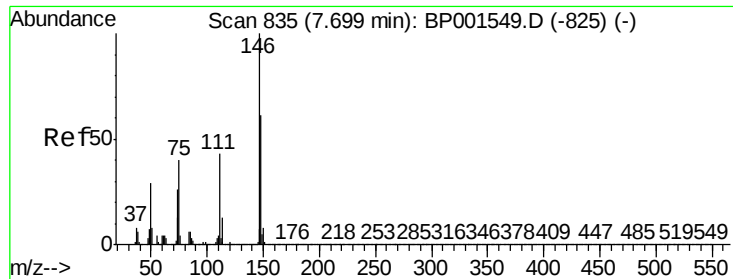
mohammad
1/17/2020 2:08:33 PM



#12
1,3-Dichlorobenzene
Concen: 44.614 ng
RT: 7.52 min Scan# 804
Delta R.T. -0.01 min
Lab File: BP001636.D
Acq: 16 Jan 2020 19:50

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
146	100		115426		
148	63.1	50.2	75.2		
75	41.9	31.1	46.7		





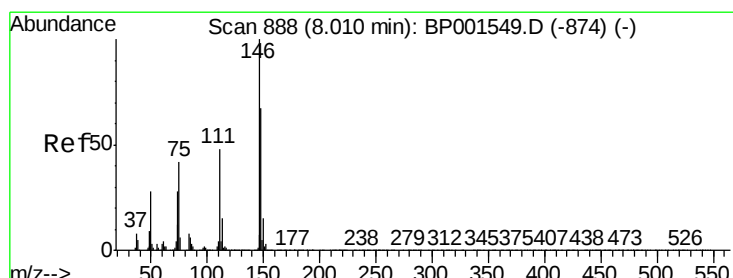
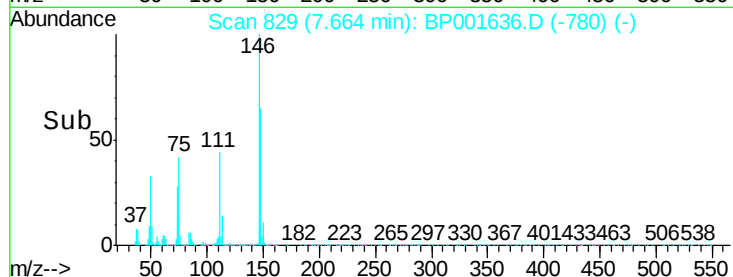
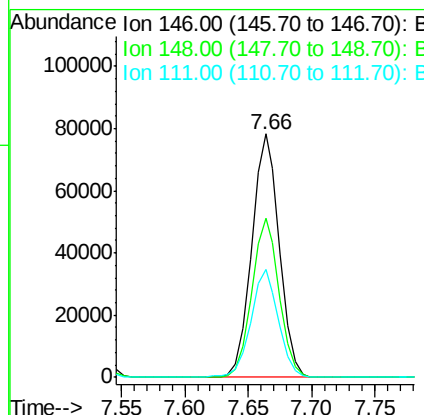
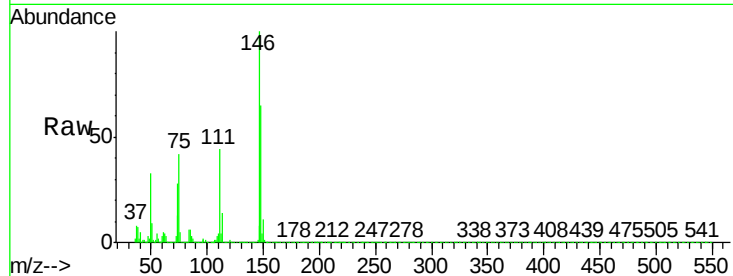
#13
1,4-Dichlorobenzene
Concen: 44.055 ng
RT: 7.66 min Scan# 829
Delta R.T. -0.01 min
Lab File: BP001636.D
Acq: 16 Jan 2020 19:50

Instrument :
BNA_P
ClientSampleId :
SB-28-(4-6)MSD

Tot Ion	Ratio	Lower	Upper
146	100		
148	65.2	48.6	73.0
111	44.5	34.3	51.5

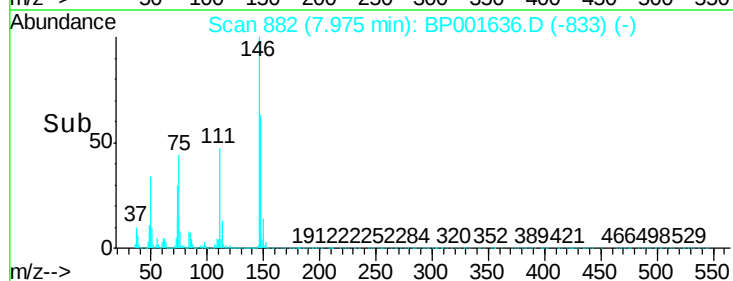
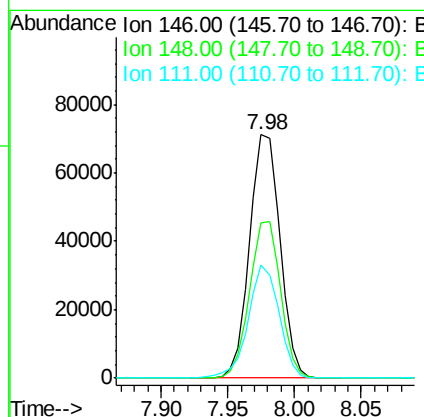
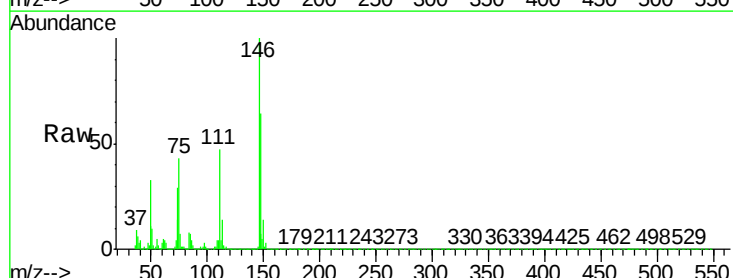
Manual Integrations
APPROVED

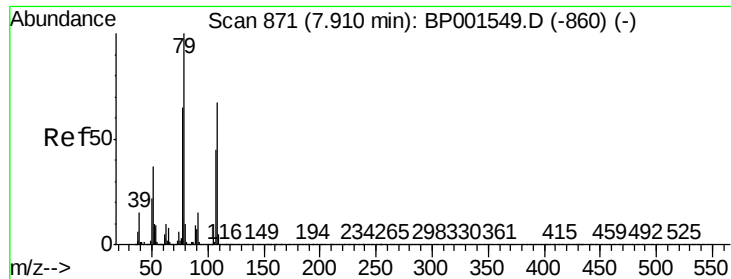
mohammad
1/17/2020 2:08:33 PM



#14
1,2-Dichlorobenzene
Concen: 43.333 ng
RT: 7.98 min Scan# 882
Delta R.T. -0.01 min
Lab File: BP001636.D
Acq: 16 Jan 2020 19:50

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.8	53.9	80.9
111	46.5	38.2	57.4





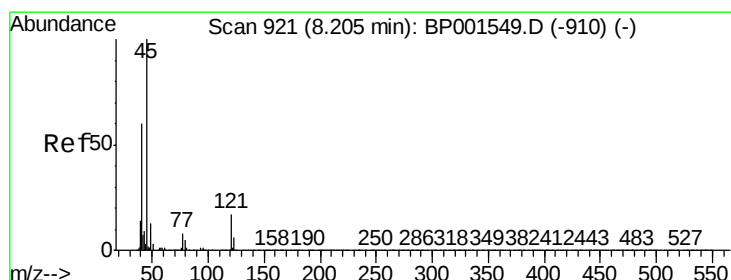
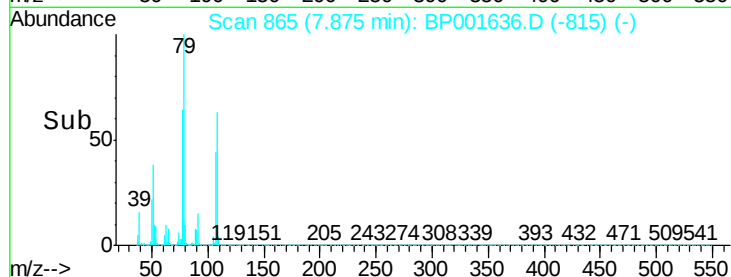
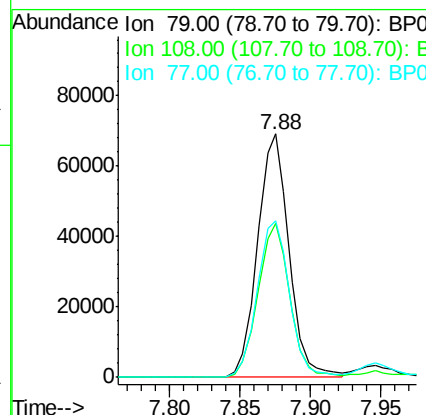
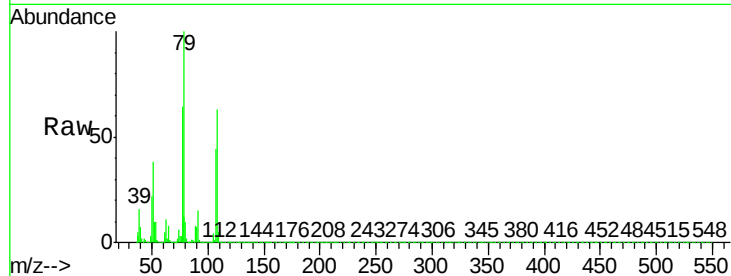
#15
Benzyl Alcohol
Concen: 40.840 ng
RT: 7.88 min Scan# 865
Delta R.T. -0.01 min
Lab File: BP001636.D
Acq: 16 Jan 2020 19:50

Instrument :
BNA_P
ClientSampleId :
SB-28-(4-6)MSD

Tot Ion	Ratio	Lower	Upper
79	100		
108	63.0	53.2	79.8
77	64.4	52.1	78.1

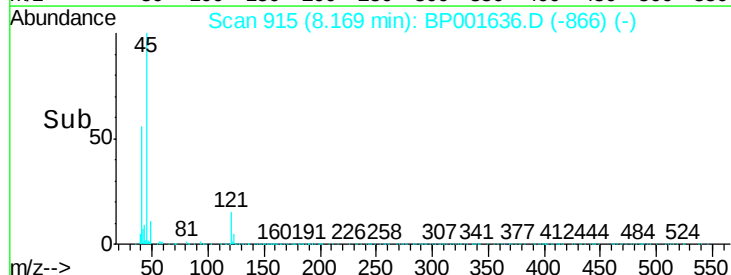
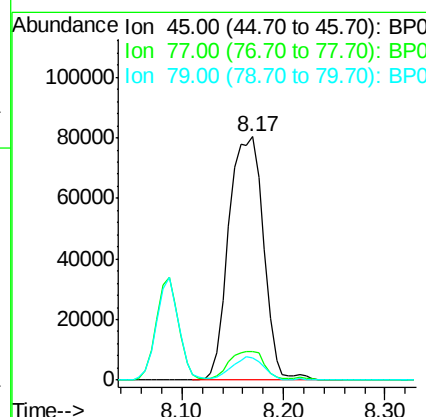
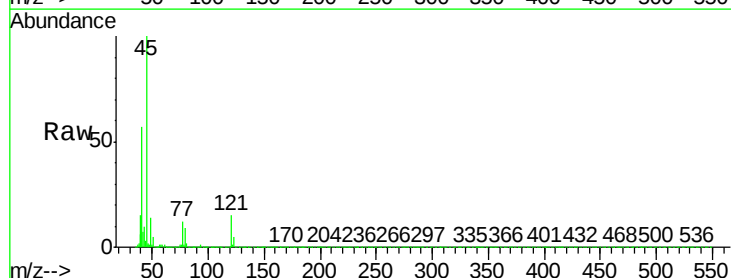
Manual Integrations
APPROVED

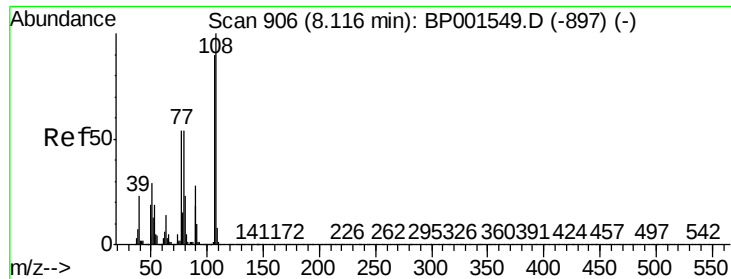
mohammad
1/17/2020 2:08:33 PM



#16
2,2'-oxybis(1-Chloropropane)
Concen: 44.901 ng
RT: 8.17 min Scan# 915
Delta R.T. -0.01 min
Lab File: BP001636.D
Acq: 16 Jan 2020 19:50

Tgt Ion	Ratio	Lower	Upper
45	100		
77	11.7	0.0	32.6
79	9.3	0.0	29.3





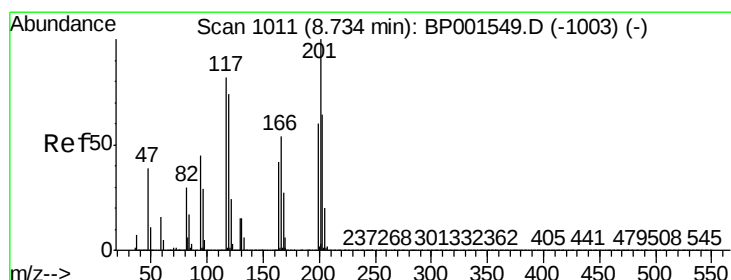
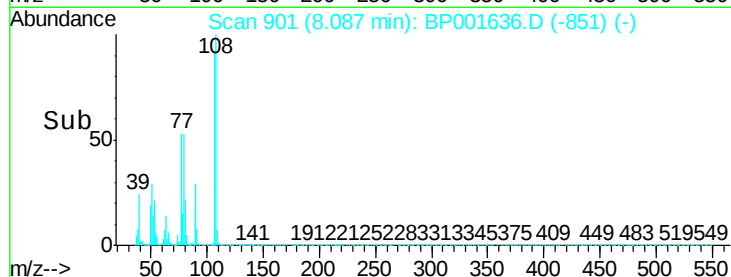
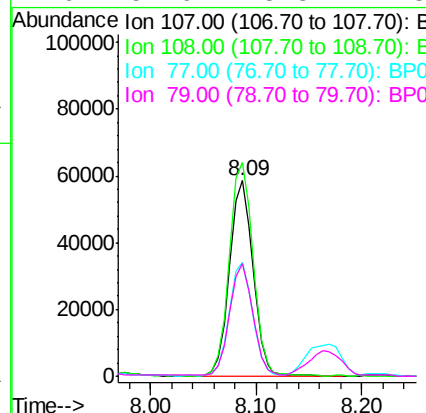
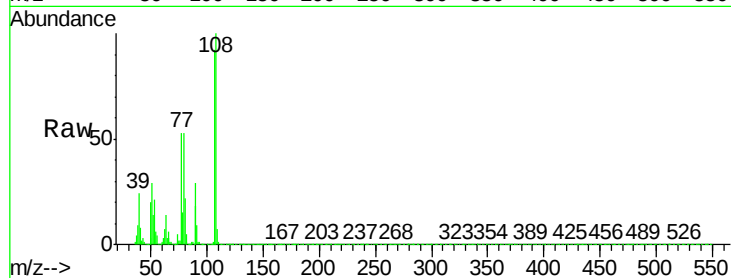
#17
2-Methylphenol
Concen: 44.608 ng
RT: 8.09 min Scan# 901
Delta R.T. -0.01 min
Lab File: BP001636.D
Acq: 16 Jan 2020 19:50

Instrument :
BNA_P
ClientSampleId :
SB-28-(4-6)MSD

Tot Ion	Ratio	Lower	Upper
107	100		
108	109.1	89.2	133.8
77	58.1	47.9	71.9
79	57.6	48.3	72.5

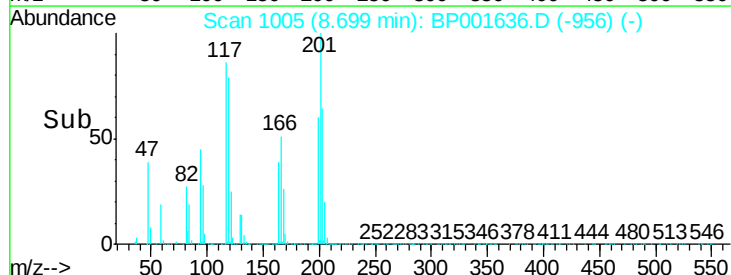
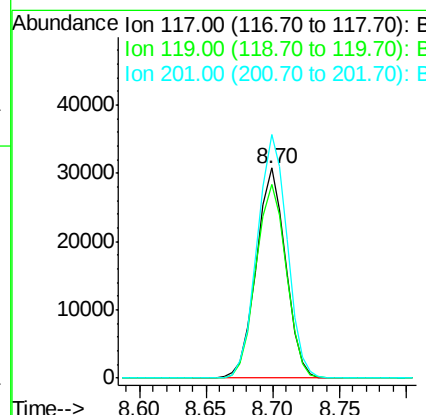
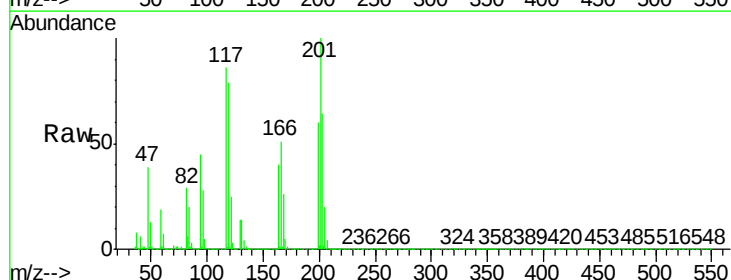
Manual Integrations
APPROVED

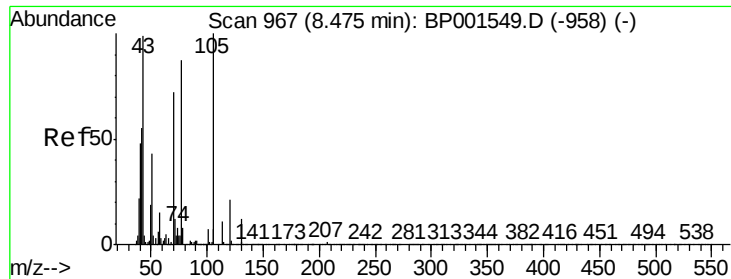
mohammad
1/17/2020 2:08:33 PM



#18
Hexachloroethane
Concen: 44.422 ng
RT: 8.70 min Scan# 1005
Delta R.T. -0.01 min
Lab File: BP001636.D
Acq: 16 Jan 2020 19:50

Tgt Ion	Ratio	Lower	Upper
117	100		
119	91.9	71.8	107.8
201	115.8	97.6	146.4





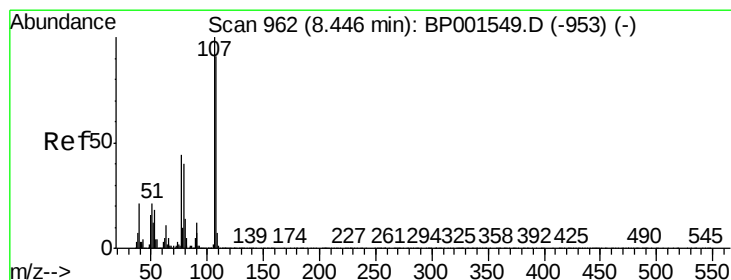
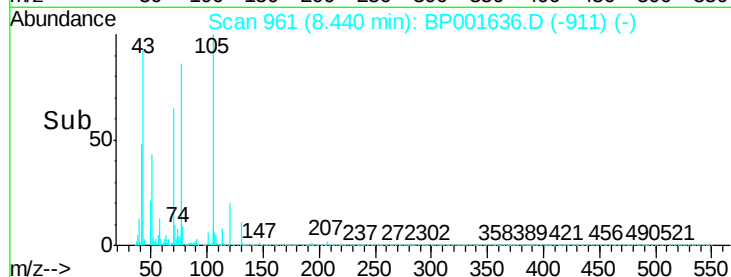
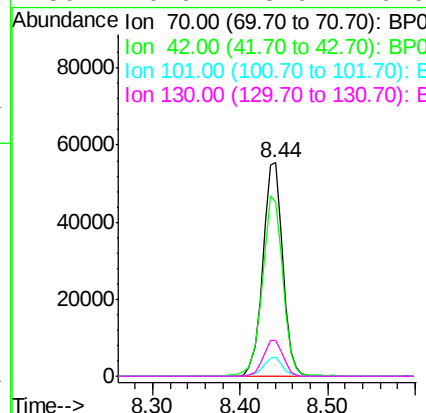
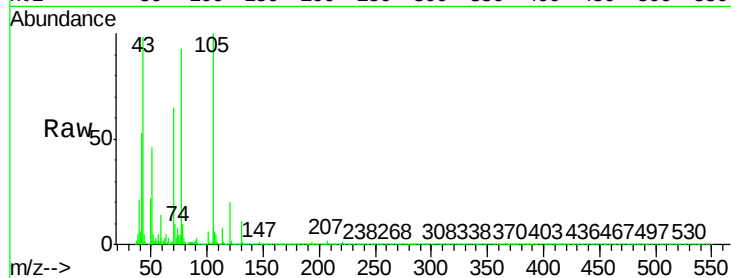
#19
n-Nitroso-di-n-propylamine
Concen: 40.671 ng
RT: 8.44 min Scan# 961
Delta R.T. -0.01 min
Lab File: BP001636.D
Acq: 16 Jan 2020 19:50

Instrument :
BNA_P
ClientSampleId :
SB-28-(4-6)MSD

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	81.8	62.3	93.5	
101	8.9	7.3	10.9	
130	16.9	13.9	20.9	

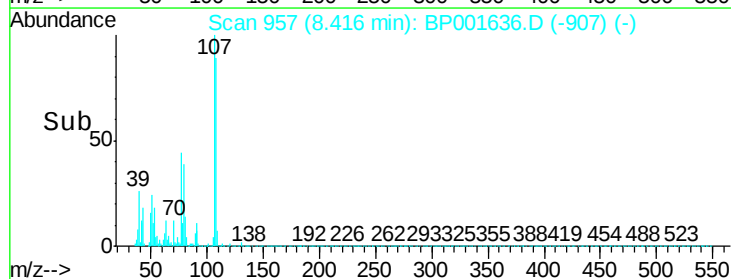
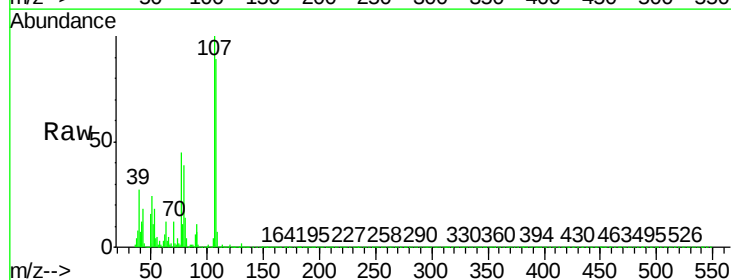
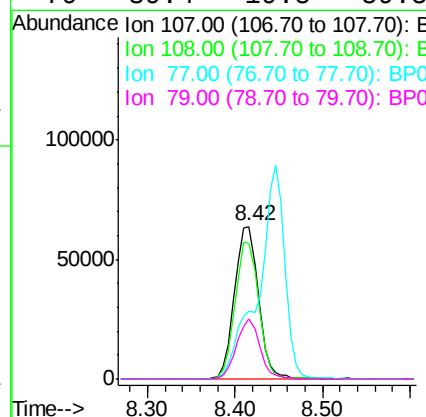
Manual Integrations
APPROVED

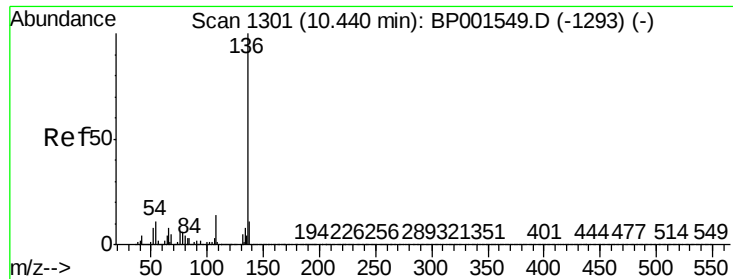
mohammad
1/17/2020 2:08:33 PM



#20
3+4-Methylphenols
Concen: 41.569 ng
RT: 8.42 min Scan# 957
Delta R.T. -0.01 min
Lab File: BP001636.D
Acq: 16 Jan 2020 19:50

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	89.2	71.2	111.2	
77	44.7	24.4	64.4	
79	39.4	19.5	59.5	





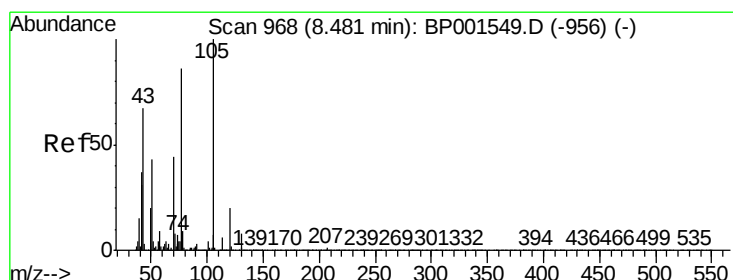
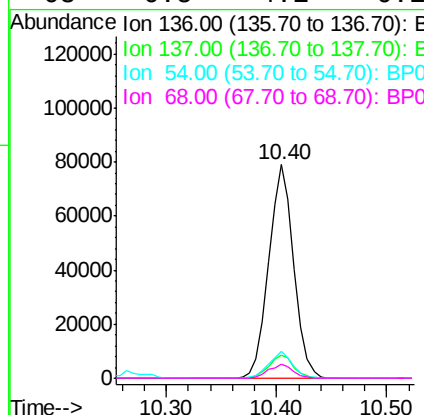
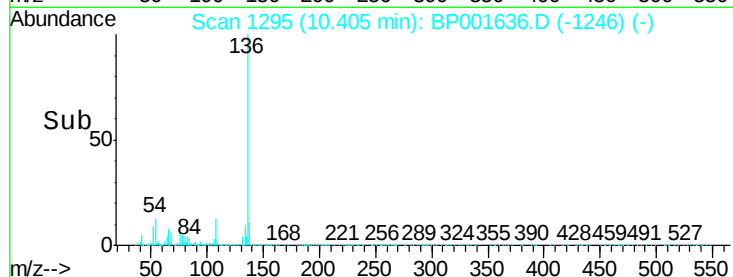
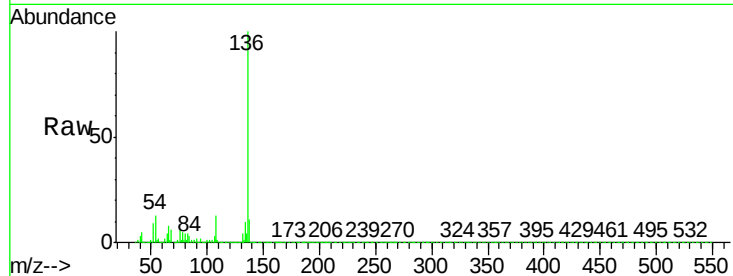
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.40 min Scan# 1295
Delta R.T. -0.01 min
Lab File: BP001636.D
Acq: 16 Jan 2020 19:50

Instrument :
BNA_P
ClientSampleId :
SB-28-(4-6)MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
136	100		124291		
137	10.8	8.6	12.8		
54	12.6	9.2	13.8		
68	6.5	4.1	6.1#		

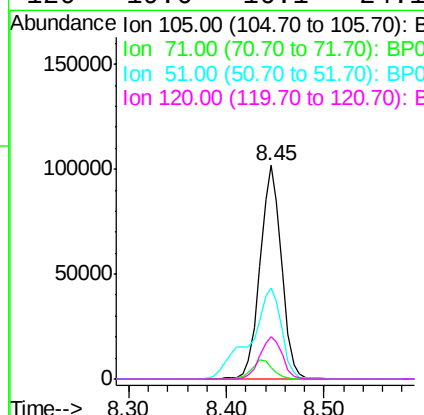
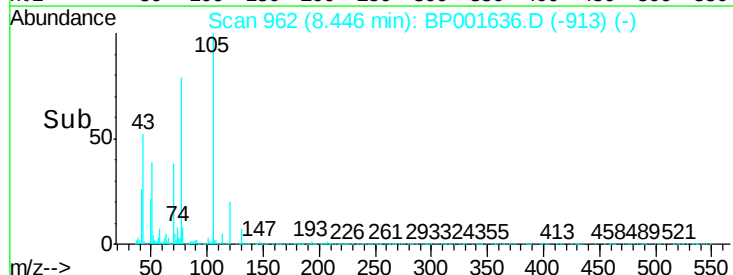
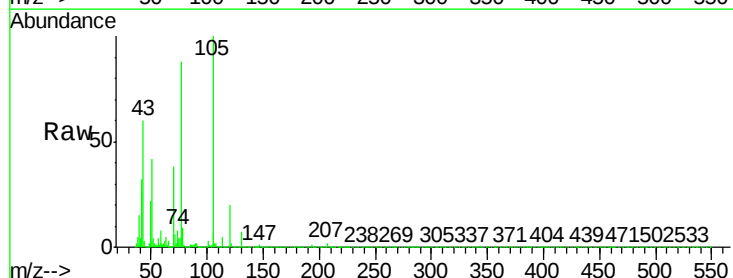
Manual Integrations
APPROVED

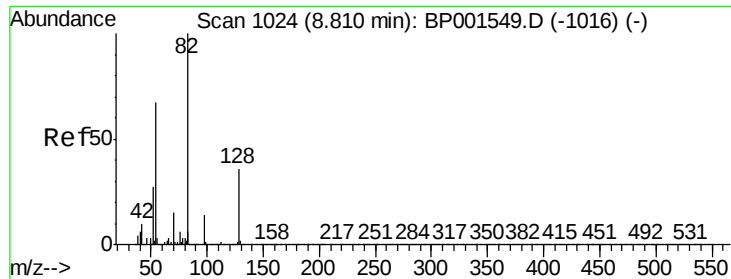
mohammad
1/17/2020 2:08:33 PM



#22
Acetophenone
Concen: 45.343 ng
RT: 8.45 min Scan# 962
Delta R.T. -0.01 min
Lab File: BP001636.D
Acq: 16 Jan 2020 19:50

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
105	100		157983		
71	5.5	6.6	10.0#		
51	42.4	34.1	51.1		
120	19.6	16.1	24.1		





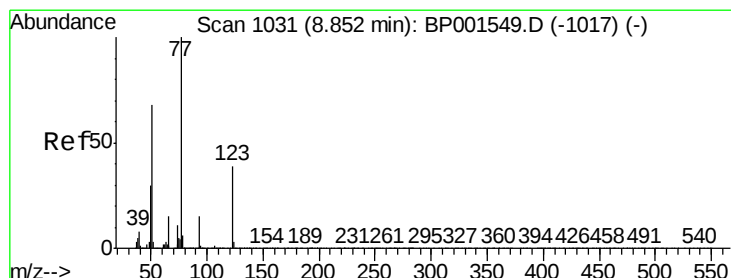
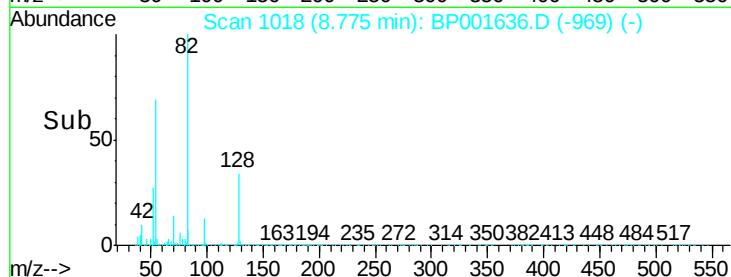
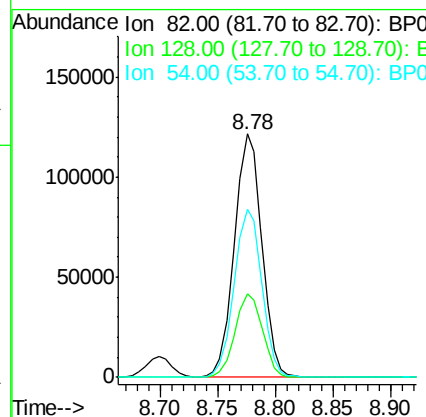
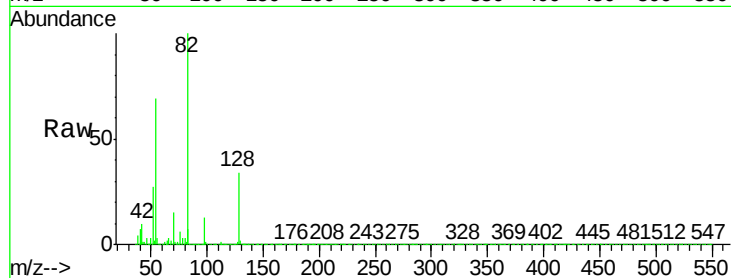
#23
Nitrobenzene-d5
Concen: 70.313 ng
RT: 8.78 min Scan# 1018
Delta R.T. -0.01 min
Lab File: BP001636.D
Acq: 16 Jan 2020 19:50

Instrument :
BNA_P
ClientSampleId :
SB-28-(4-6)MSD

Tot Ion	82	Resp	199994
Ion Ratio	Lower	Upper	
82	100		
128	34.2	28.4	42.6
54	69.0	53.4	80.2

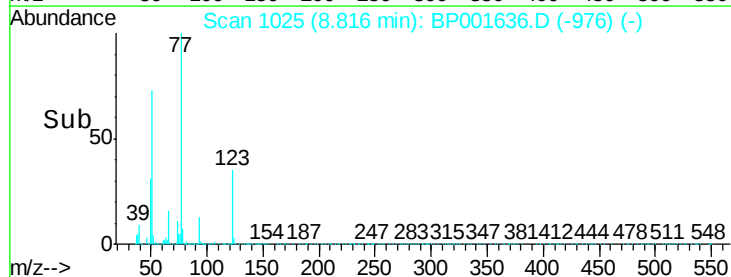
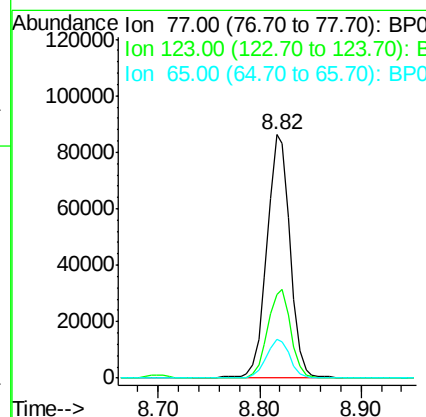
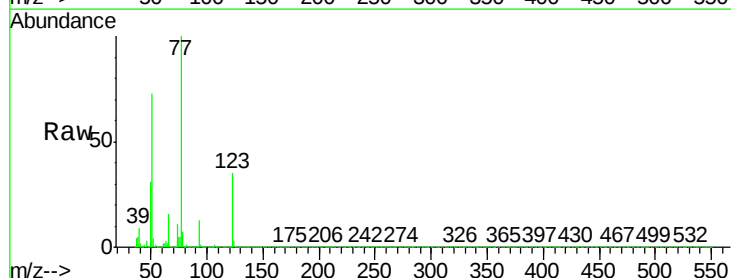
Manual Integrations
APPROVED

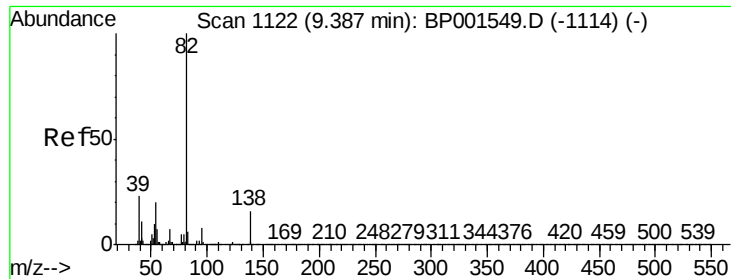
mohammad
1/17/2020 2:08:33 PM



#24
Nitrobenzene
Concen: 47.706 ng
RT: 8.82 min Scan# 1025
Delta R.T. -0.01 min
Lab File: BP001636.D
Acq: 16 Jan 2020 19:50

Tgt Ion	77	Resp	137275
Ion Ratio	Lower	Upper	
77	100		
123	34.5	31.1	46.7
65	16.0	12.4	18.6





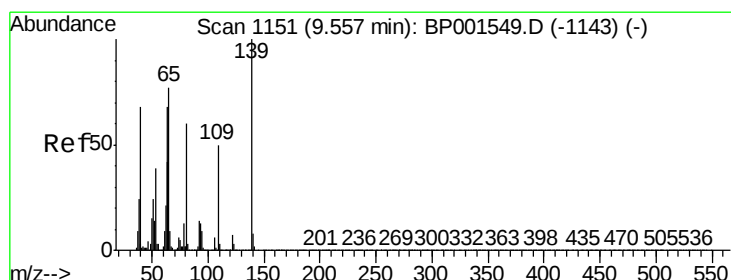
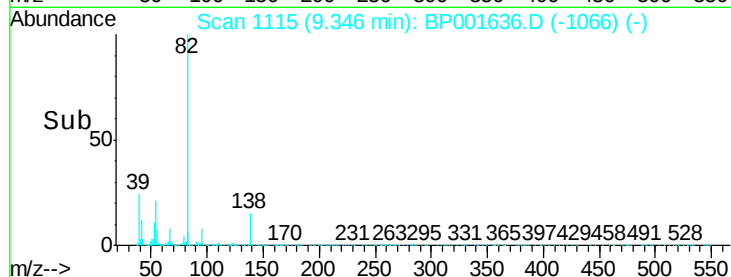
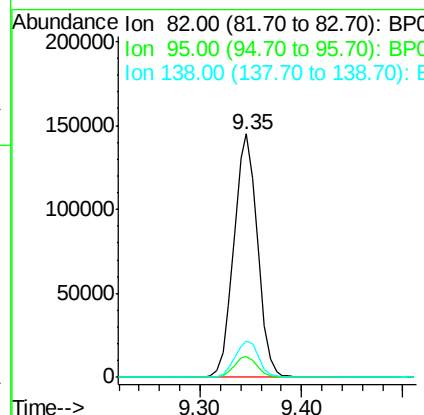
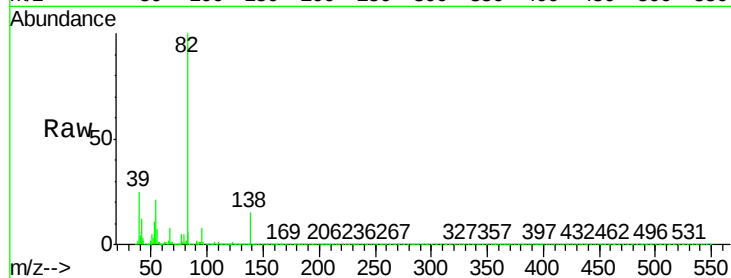
#25
Isophorone
Concen: 45.884 ng
RT: 9.35 min Scan# 1115
Delta R.T. -0.01 min
Lab File: BP001636.D
Acq: 16 Jan 2020 19:50

Instrument :
BNA_P
ClientSampleId :
SB-28-(4-6)MSD

Tot Ion	Ratio	Lower	Upper
82	100		
95	8.3	6.7	10.1
138	14.8	12.5	18.7

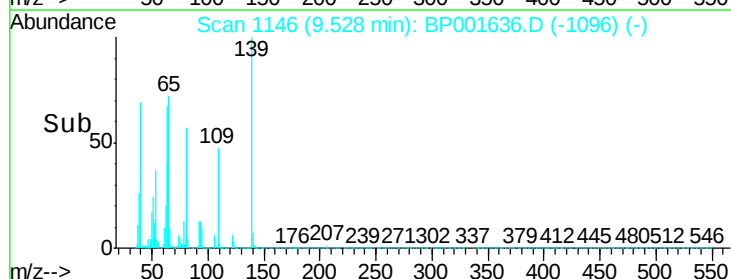
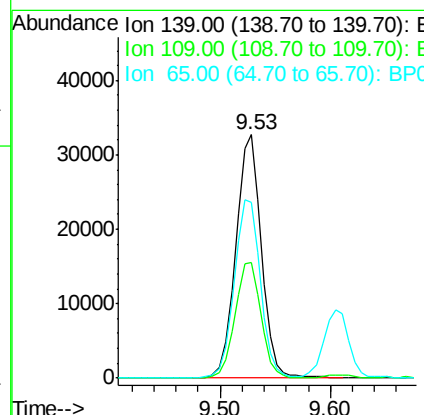
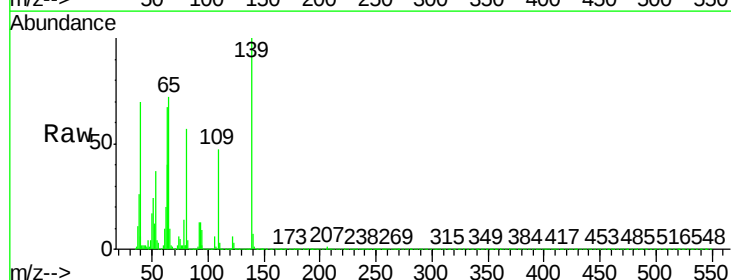
Manual Integrations
APPROVED

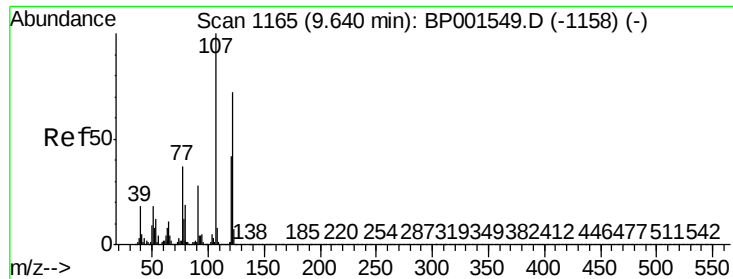
mohammad
1/17/2020 2:08:33 PM



#26
2-Nitrophenol
Concen: 48.880 ng
RT: 9.53 min Scan# 1146
Delta R.T. -0.01 min
Lab File: BP001636.D
Acq: 16 Jan 2020 19:50

Tgt Ion	Ratio	Lower	Upper
139	100		
109	47.2	39.6	59.4
65	72.2	61.3	91.9





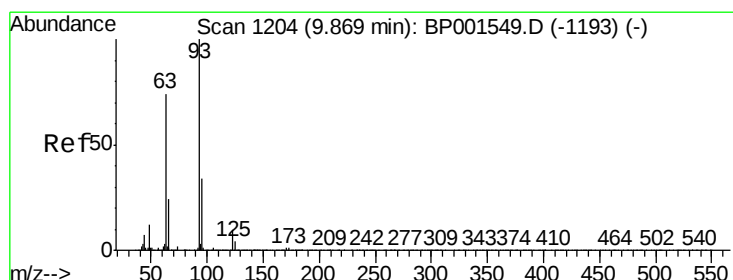
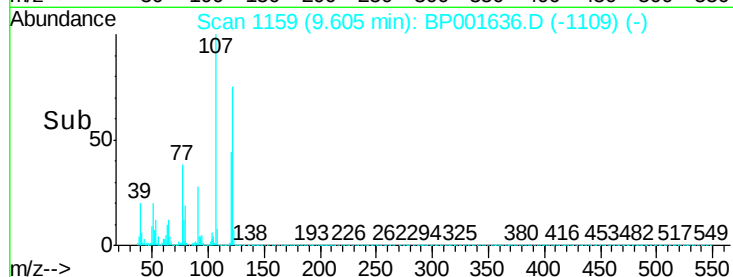
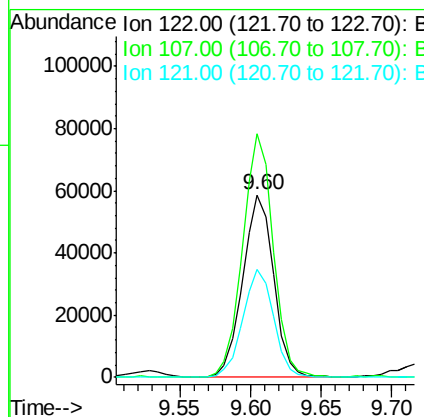
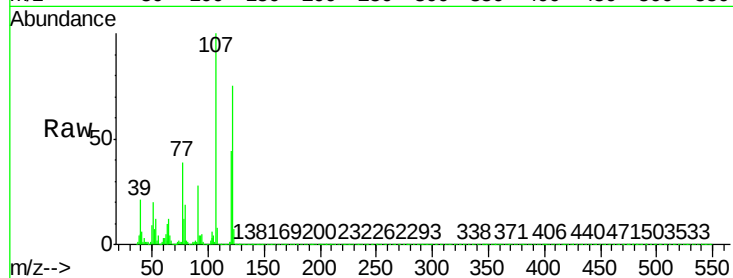
#27
2,4-Dimethylphenol
Concen: 55.246 ng
RT: 9.60 min Scan# 1159
Delta R.T. -0.01 min
Lab File: BP001636.D
Acq: 16 Jan 2020 19:50

Instrument :
BNA_P
ClientSampleId :
SB-28-(4-6)MSD

Tot Ion	Ratio	Lower	Upper
122	100		
107	133.6	111.8	167.6
121	59.0	47.4	71.0

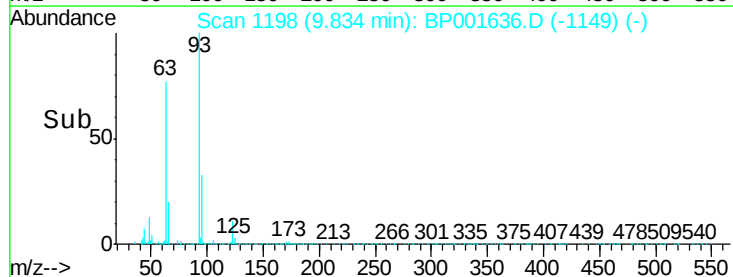
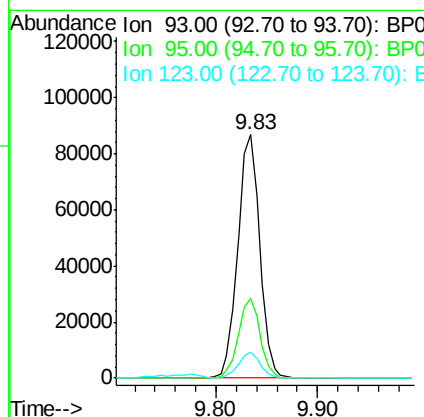
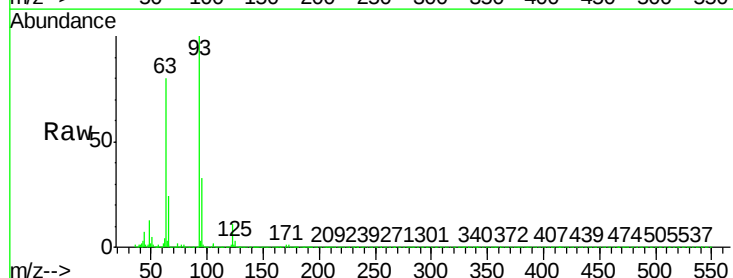
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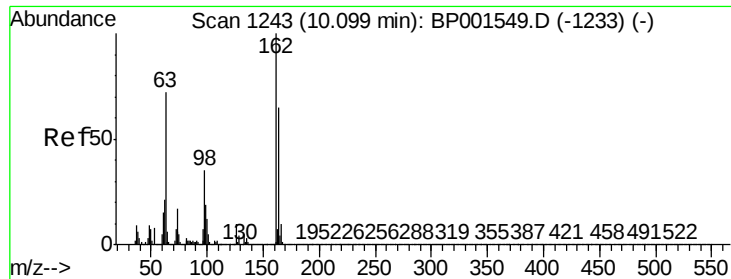
mohammad
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#28
bis(2-Chloroethoxy)methane
Concen: 43.538 ng
RT: 9.83 min Scan# 1198
Delta R.T. -0.01 min
Lab File: BP001636.D
Acq: 16 Jan 2020 19:50

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.7	26.9	40.3
123	10.8	8.0	12.0





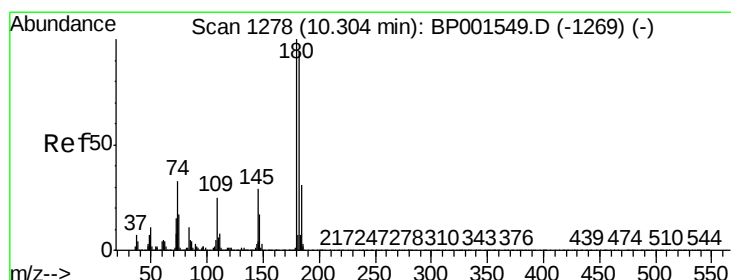
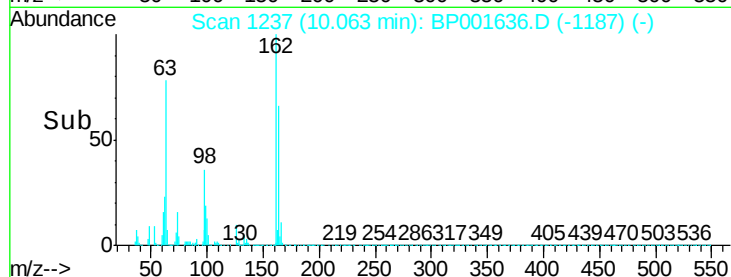
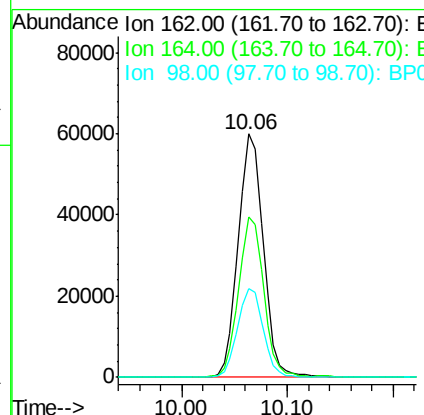
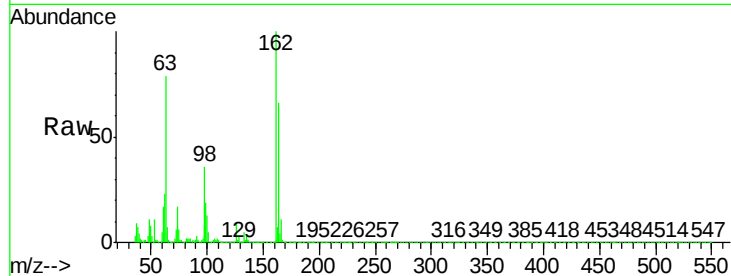
#29
2,4-Dichlorophenol
Concen: 44.298 ng
RT: 10.06 min Scan# 1237
Delta R.T. -0.01 min
Lab File: BP001636.D
Acq: 16 Jan 2020 19:50

Instrument :
BNA_P
ClientSampleId :
SB-28-(4-6)MSD

Tot Ion	Ratio	Lower	Upper
162	100		
164	65.9	44.9	84.9
98	36.3	14.9	54.9

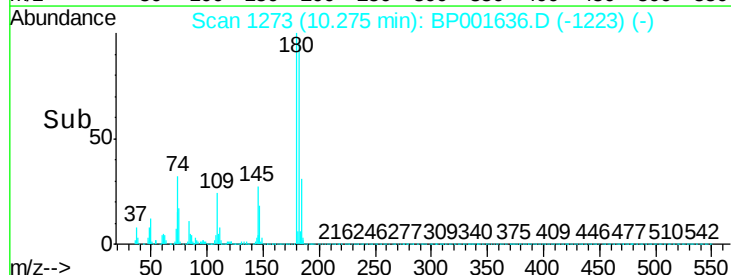
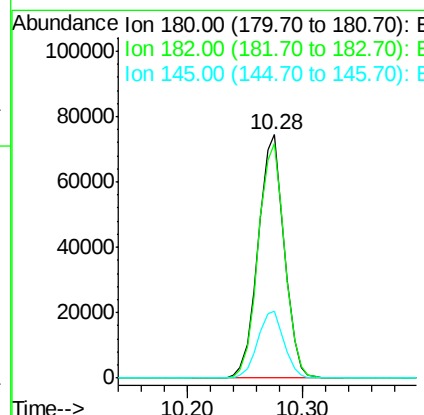
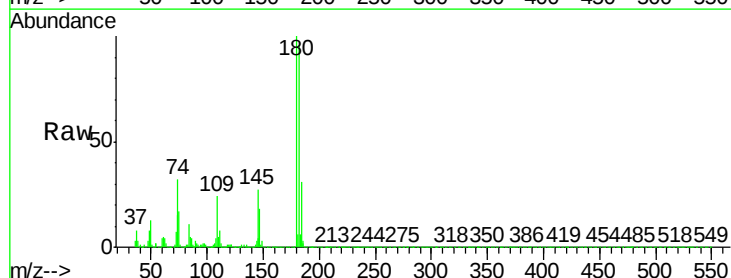
Manual Integrations
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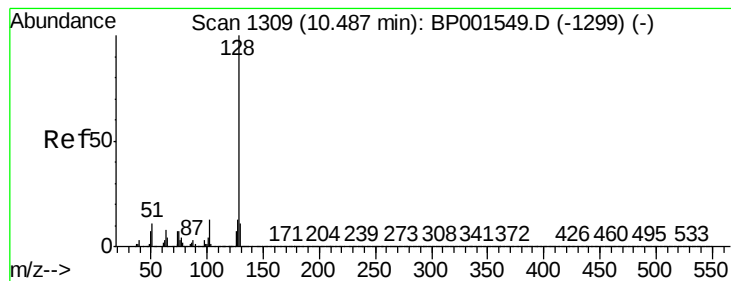
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#30
1,2,4-Trichlorobenzene
Concen: 43.799 ng
RT: 10.28 min Scan# 1273
Delta R.T. -0.01 min
Lab File: BP001636.D
Acq: 16 Jan 2020 19:50

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.3	75.2	112.8
145	27.3	22.9	34.3





#31

Naphthalene

Concen: 45.791 ng

RT: 10.46 min Scan# 1304

Delta R.T. -0.01 min

Lab File: BP001636.D

Acq: 16 Jan 2020 19:50

Instrument :

BNA_P

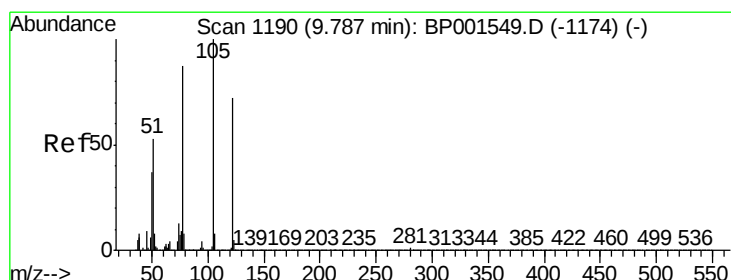
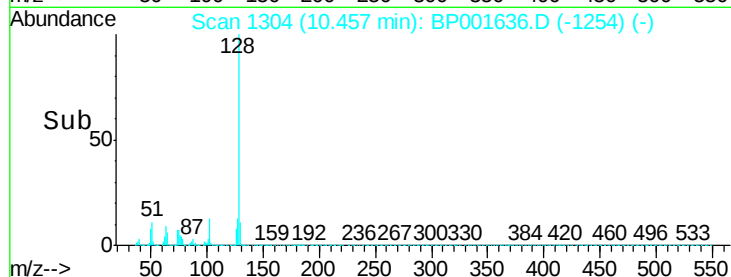
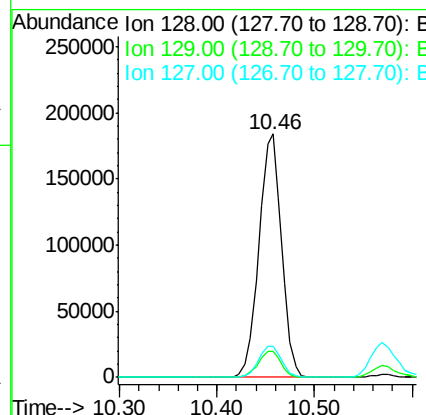
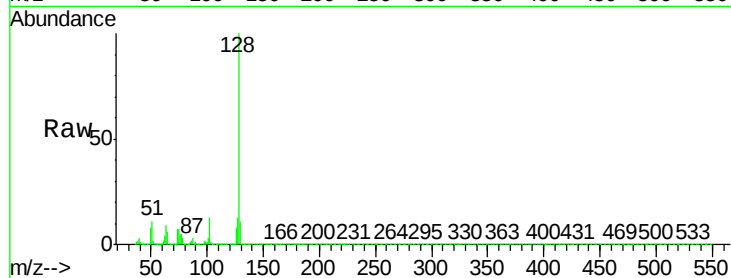
ClientSampleId :

SB-28-(4-6)MSD

Tot Ion:	128	Resp:	300373
Ion Ratio	Lower	Upper	
128	100		
129	10.7	8.9	13.3
127	12.8	10.6	16.0

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#32

Benzoic acid

Concen: 37.399 ng

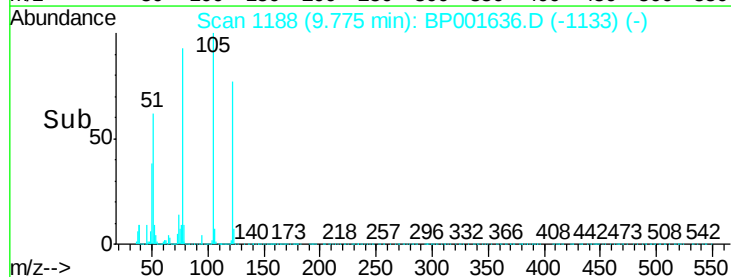
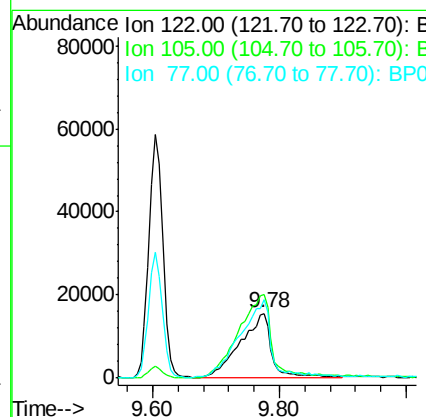
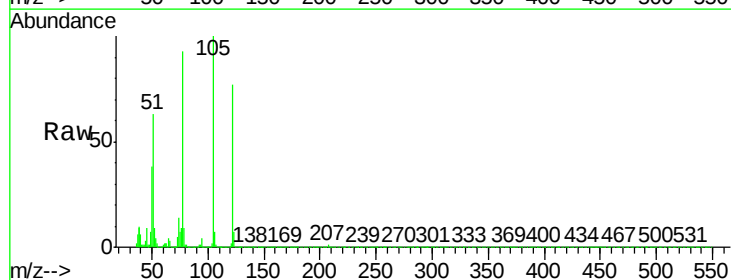
RT: 9.78 min Scan# 1188

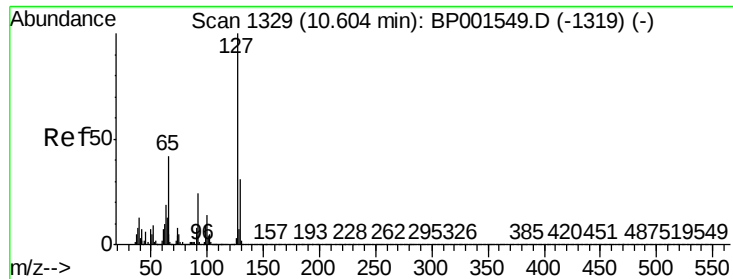
Delta R.T. 0.02 min

Lab File: BP001636.D

Acq: 16 Jan 2020 19:50

Tgt Ion:	122	Resp:	52998
Ion Ratio	Lower	Upper	
122	100		
105	129.6	119.5	159.5
77	120.5	102.8	142.8





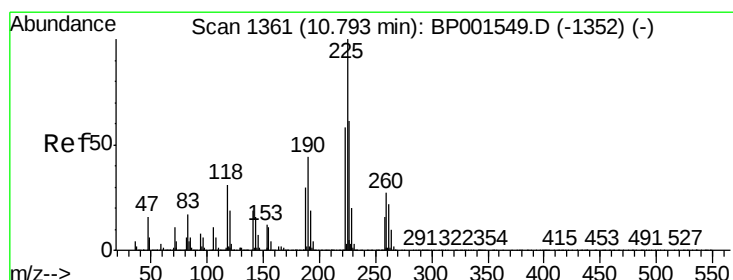
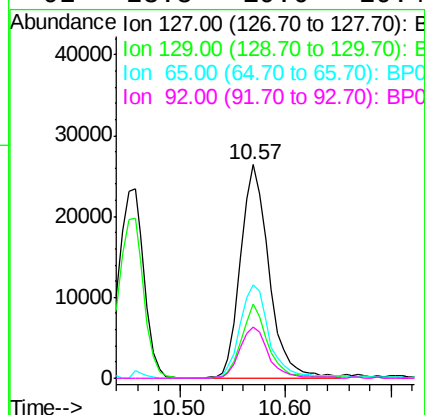
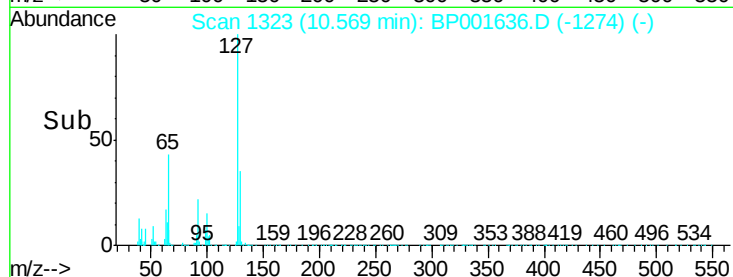
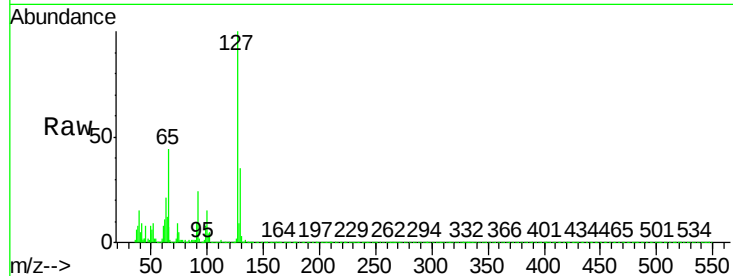
#33
4-Chloroaniline
Concen: 16.315 ng
RT: 10.57 min Scan# 1323
Delta R.T. -0.01 min
Lab File: BP001636.D
Acq: 16 Jan 2020 19:50

Instrument :
BNA_P
ClientSampleId :
SB-28-(4-6)MSD

Tot Ion	Ratio	Lower	Upper
127	100		
129	34.8	24.9	37.3
65	43.5	33.3	49.9
92	23.8	19.6	29.4

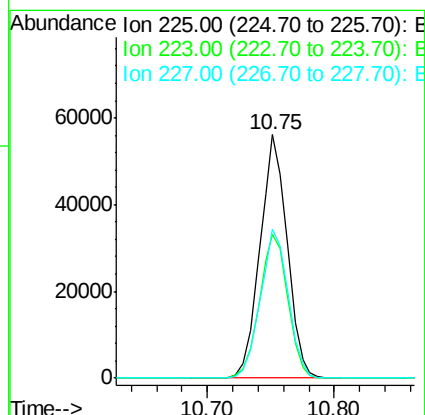
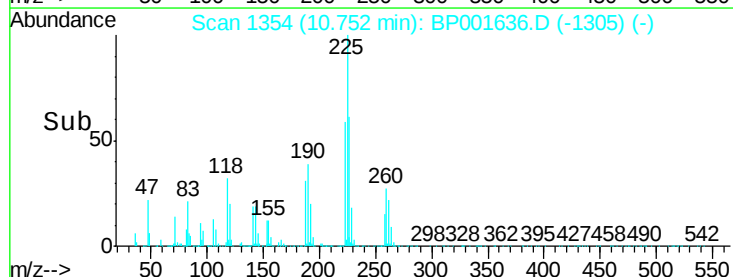
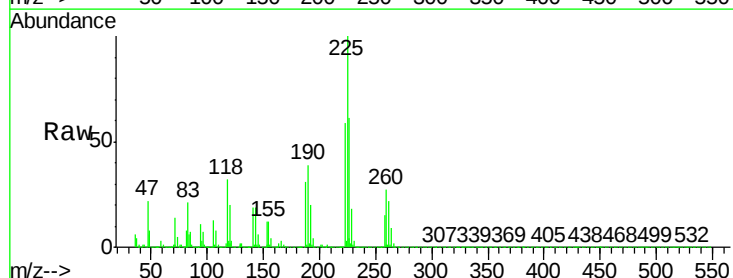
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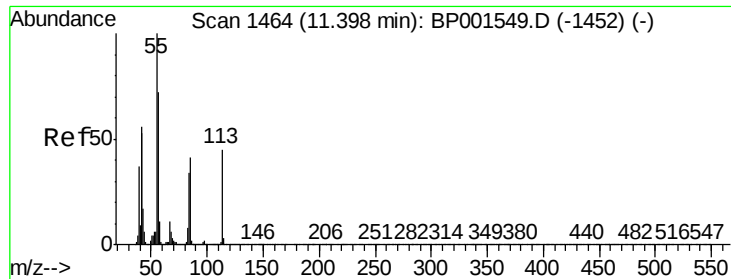
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#34
Hexachlorobutadiene
Concen: 44.037 ng
RT: 10.75 min Scan# 1354
Delta R.T. -0.01 min
Lab File: BP001636.D
Acq: 16 Jan 2020 19:50

Tgt Ion	Ratio	Lower	Upper
225	100		
223	58.9	46.5	69.7
227	60.9	48.8	73.2





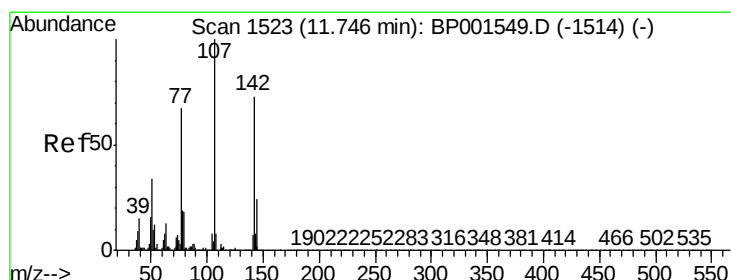
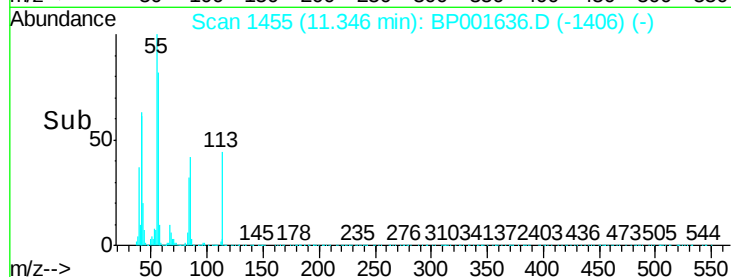
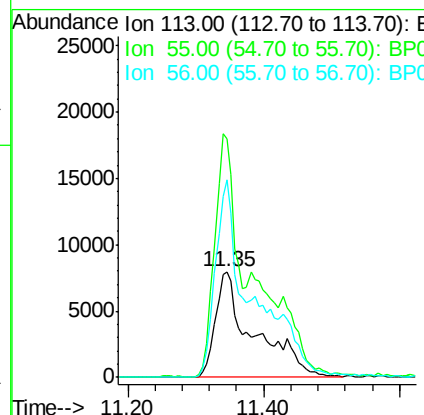
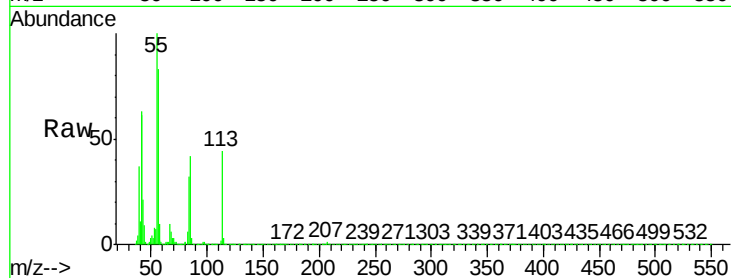
#35
Caprolactam
Concen: 38.415 ng/ml
RT: 11.35 min Scan# 1455
Delta R.T. -0.01 min
Lab File: BP001636.D
Acq: 16 Jan 2020 19:50

Instrument :
BNA_P
ClientSampleId :
SB-28-(4-6)MSD

Tot Ion	Ion	Ratio	Lower	Upper
113	100			
55	226.0	202.7	242.7	
56	186.7	140.0	180.0	

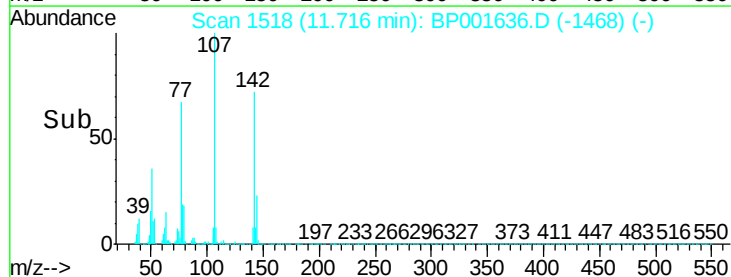
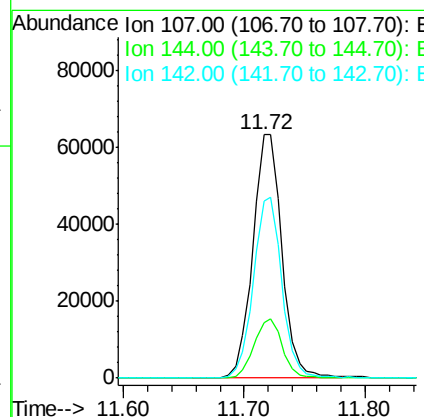
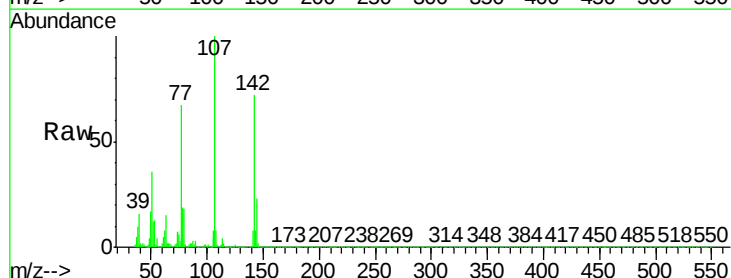
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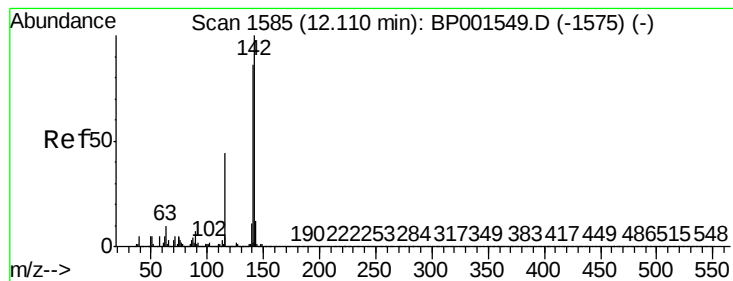
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#36
4-Chloro-3-methylphenol
Concen: 39.807 ng/ml
RT: 11.72 min Scan# 1518
Delta R.T. -0.01 min
Lab File: BP001636.D
Acq: 16 Jan 2020 19:50

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
144	22.9	18.9	28.3	
142	72.5	58.0	87.0	





#37

2-Methylnaphthalene

Concen: 41.715 ng

RT: 12.08 min Scan# 1579

Delta R.T. -0.01 min

Lab File: BP001636.D

Acq: 16 Jan 2020 19:50

Instrument :

BNA_P

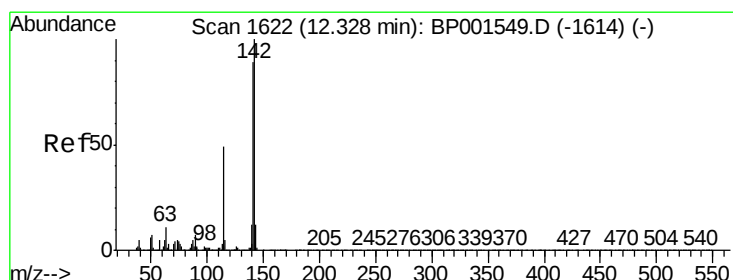
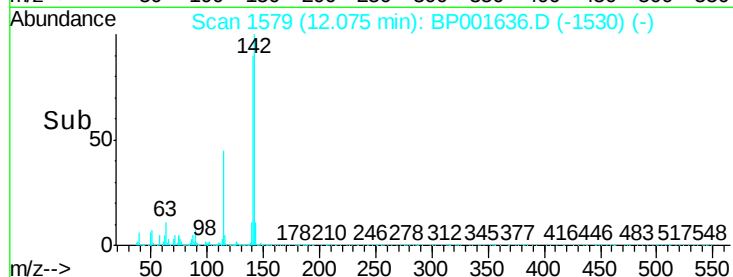
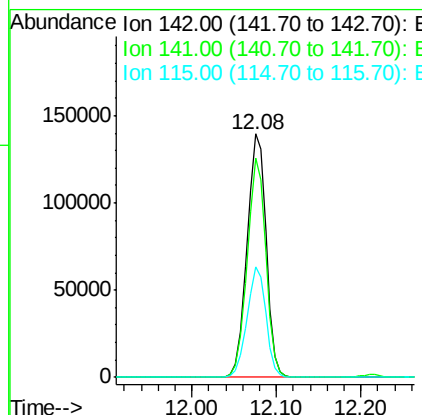
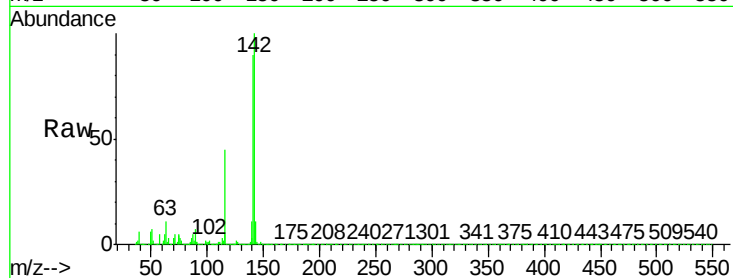
ClientSampleId :

SB-28-(4-6)MSD

Tot Ion:	142	Resp:	218076
Ion Ratio	Lower	Upper	
142	100		
141	90.1	68.4	102.6
115	45.3	35.1	52.7

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#38

1-Methylnaphthalene

Concen: 40.867 ng

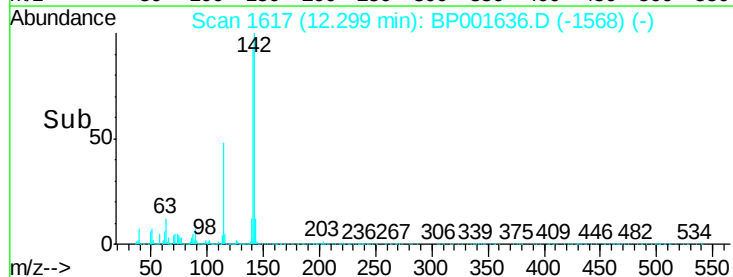
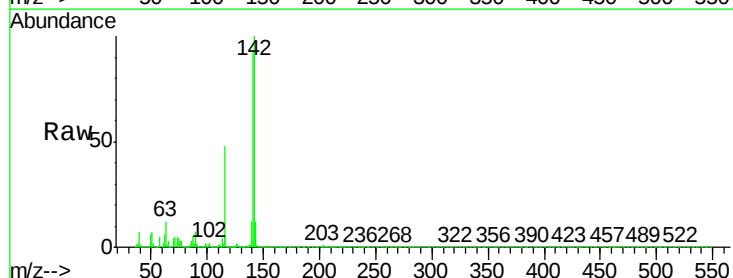
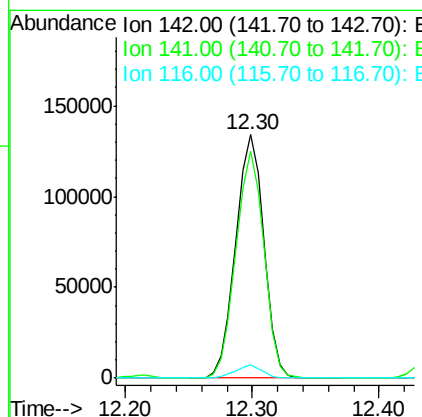
RT: 12.30 min Scan# 1617

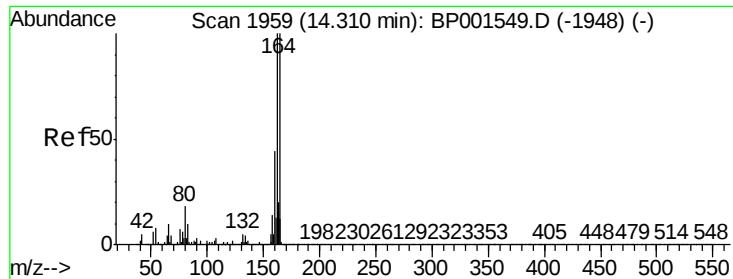
Delta R.T. -0.01 min

Lab File: BP001636.D

Acq: 16 Jan 2020 19:50

Tgt Ion:	142	Resp:	205593
Ion Ratio	Lower	Upper	
142	100		
141	93.1	70.9	106.3
116	5.2	4.1	6.1





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.28 min Scan# 1954

Delta R.T. -0.01 min

Lab File: BP001636.D

Acq: 16 Jan 2020 19:50

Instrument :

BNA_P

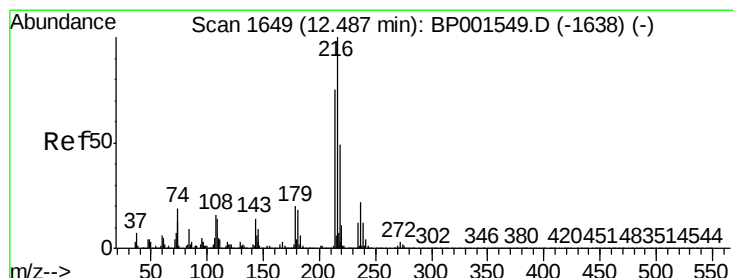
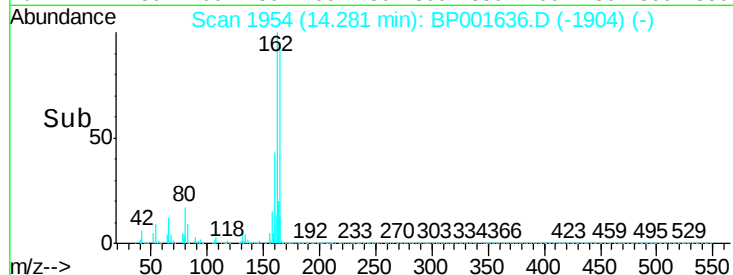
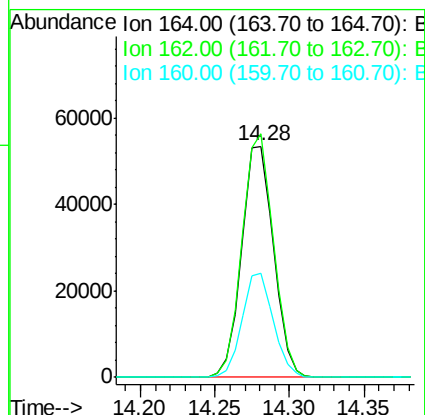
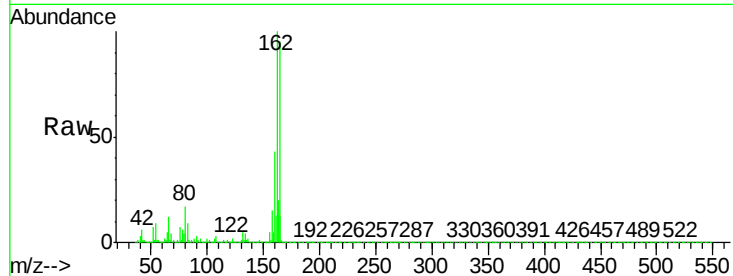
ClientSampleId :

SB-28-(4-6)MSD

Tot Ion:	164	Resp:	79110
Ion Ratio	Lower	Upper	
164	100		
162	105.2	79.8	119.6
160	45.1	35.0	52.6

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#40

1,2,4,5-Tetrachlorobenzene

Concen: 51.590 ng

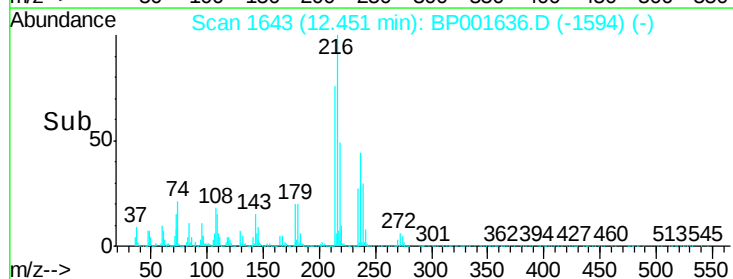
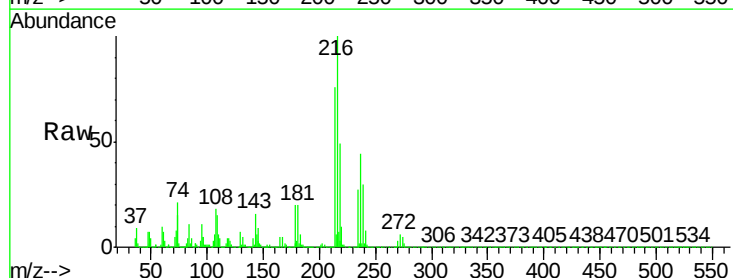
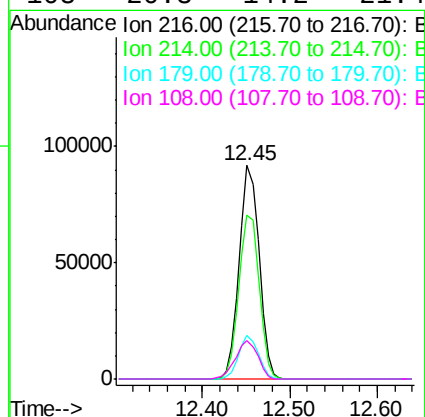
RT: 12.45 min Scan# 1643

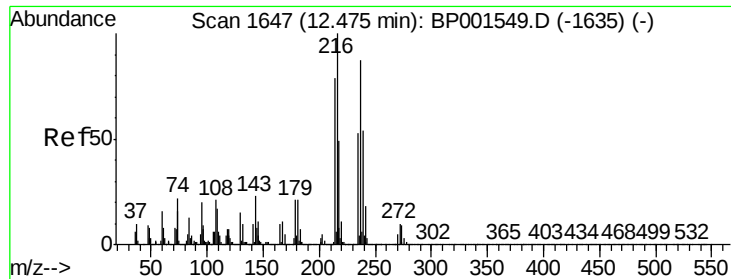
Delta R.T. -0.01 min

Lab File: BP001636.D

Acq: 16 Jan 2020 19:50

Tgt Ion:	216	Resp:	139807
Ion Ratio	Lower	Upper	
216	100		
214	78.5	61.3	91.9
179	20.0	15.7	23.5
108	20.3	14.2	21.4





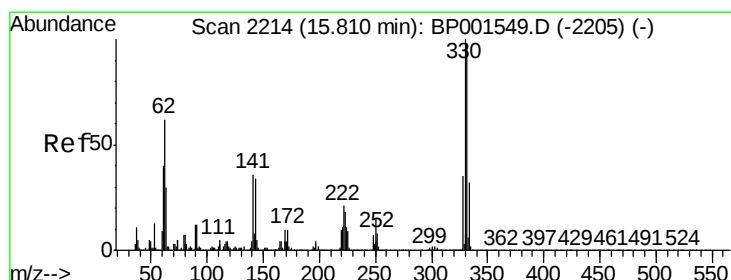
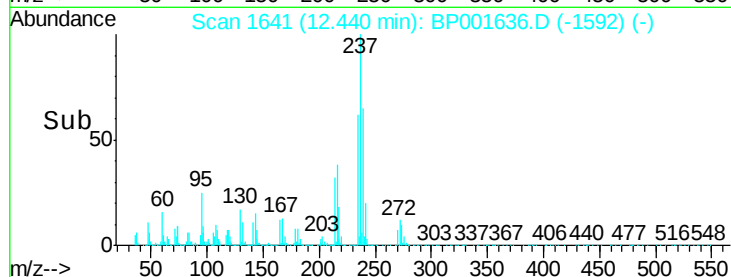
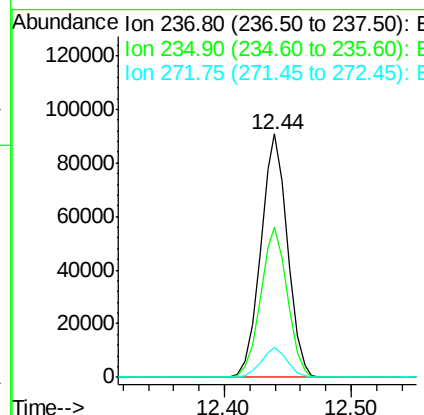
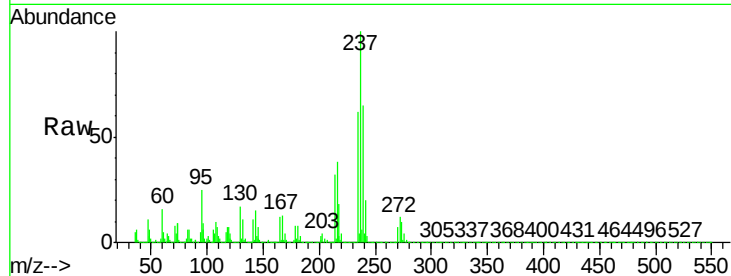
#41
Hexachlorocyclopentadiene
Concen: 96.613 ng
RT: 12.44 min Scan# 1641
Delta R.T. -0.01 min
Lab File: BP001636.D
Acq: 16 Jan 2020 19:50

Instrument :
BNA_P
ClientSampleId :
SB-28-(4-6)MSD

Tot Ion	Ratio	Resp Lower	Upper
237	100		
235	61.8	41.6	81.6
272	12.2	0.0	31.2

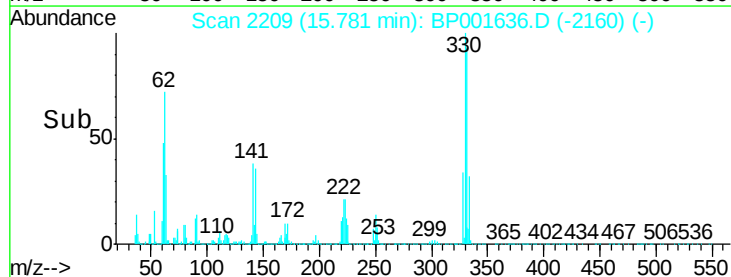
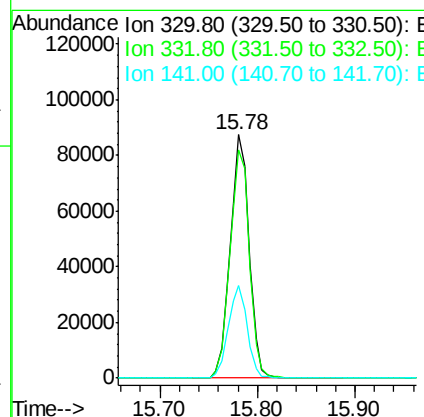
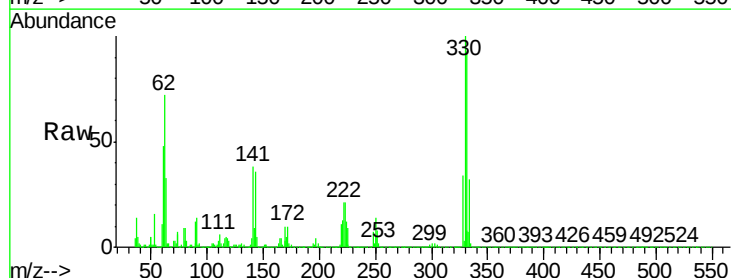
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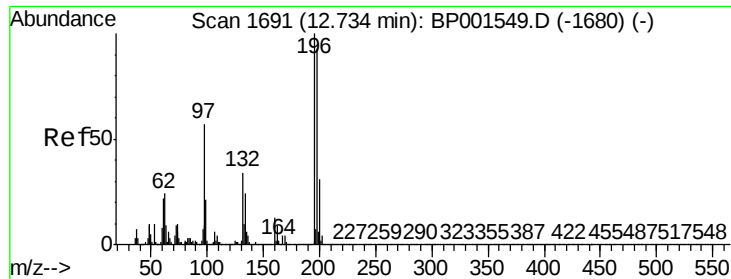
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#42
2,4,6-Tribromophenol
Concen: 97.969 ng
RT: 15.78 min Scan# 2209
Delta R.T. -0.01 min
Lab File: BP001636.D
Acq: 16 Jan 2020 19:50

Tgt Ion	Ratio	Resp Lower	Upper
330	100		
332	95.9	77.8	116.6
141	37.8	28.7	43.1





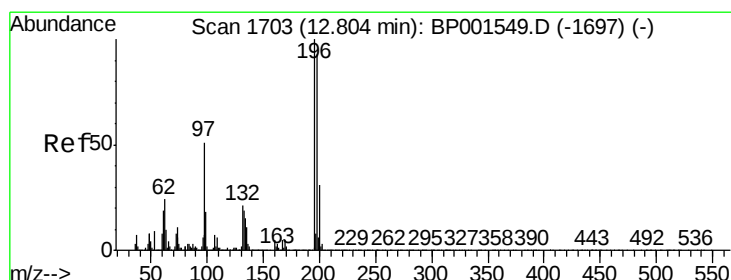
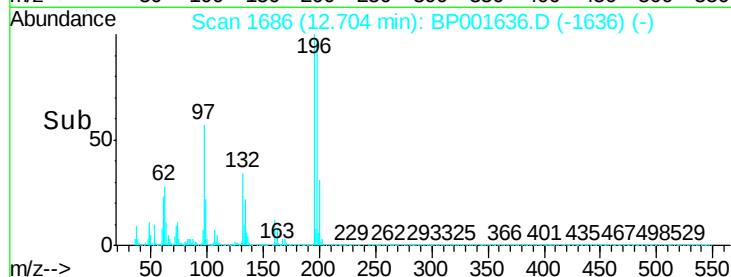
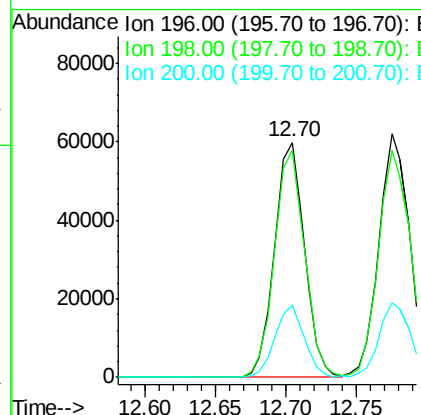
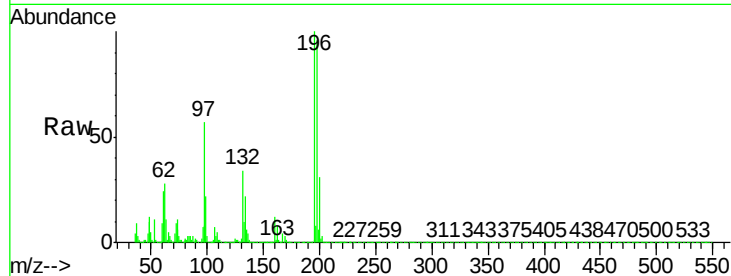
#43
2,4,6-Trichlorophenol
Concen: 51.151 ng
RT: 12.70 min Scan# 1686
Delta R.T. -0.01 min
Lab File: BP001636.D
Acq: 16 Jan 2020 19:50

Instrument :
BNA_P
ClientSampleId :
SB-28-(4-6)MSD

Tot Ion	Ratio	Lower	Upper
196	100		
198	96.4	74.2	111.4
200	30.6	24.6	37.0

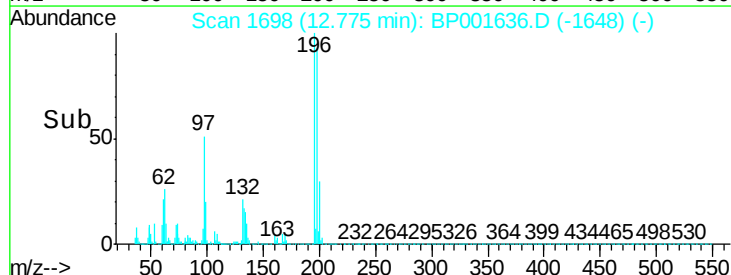
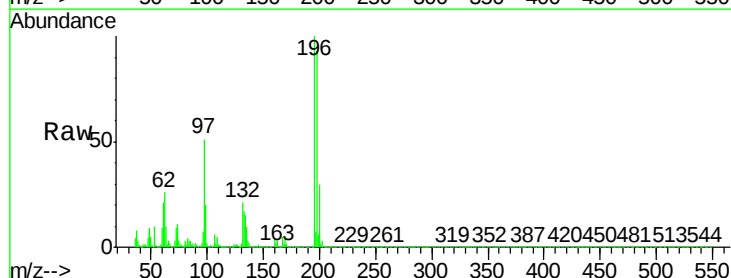
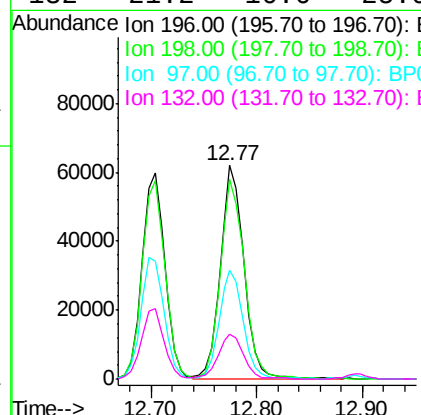
Manual Integrations
APPROVED

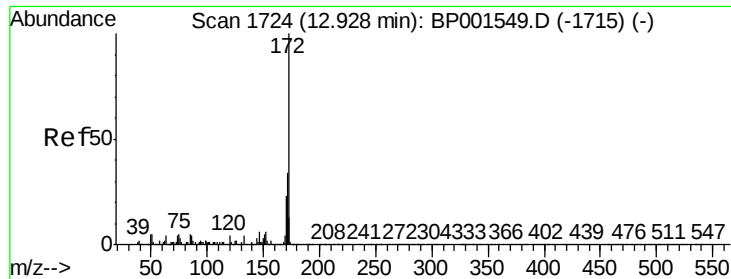
mohammad
1/17/2020 2:08:33 PM



#44
2,4,5-Trichlorophenol
Concen: 52.061 ng
RT: 12.77 min Scan# 1698
Delta R.T. -0.01 min
Lab File: BP001636.D
Acq: 16 Jan 2020 19:50

Tgt Ion	Ratio	Lower	Upper
196	100		
198	93.4	74.6	111.8
97	51.0	41.0	61.6
132	21.2	16.6	25.0





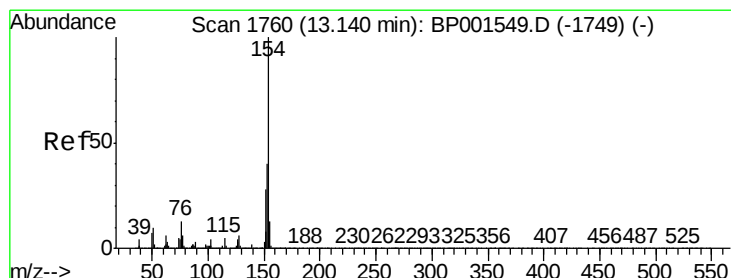
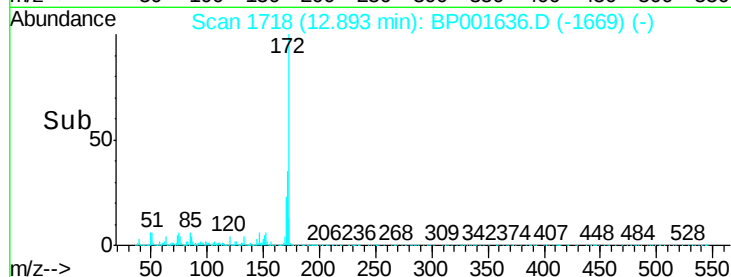
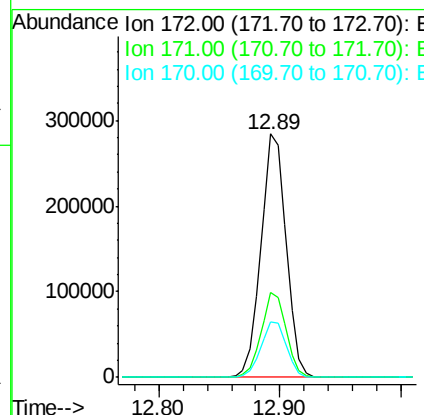
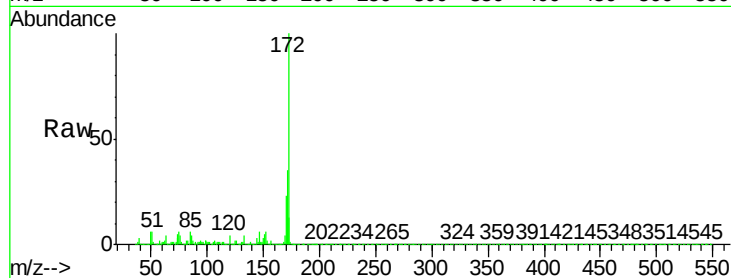
#45
2-Fluorobiphenyl
Concen: 77.051 ng
RT: 12.89 min Scan# 1718
Delta R.T. -0.01 min
Lab File: BP001636.D
Acq: 16 Jan 2020 19:50

Instrument :
BNA_P
ClientSampleId :
SB-28-(4-6)MSD

Tot Ion	Ratio	Lower	Upper
172	100		
171	34.8	27.6	41.4
170	22.6	18.3	27.5

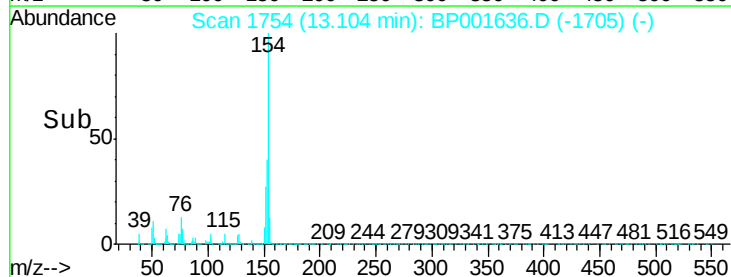
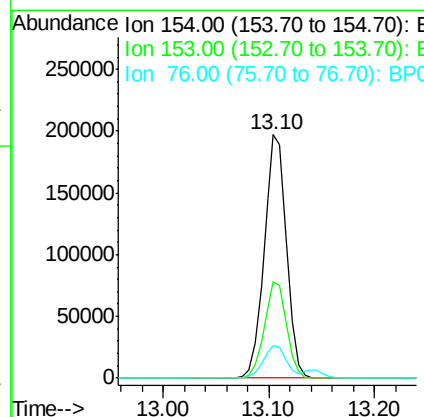
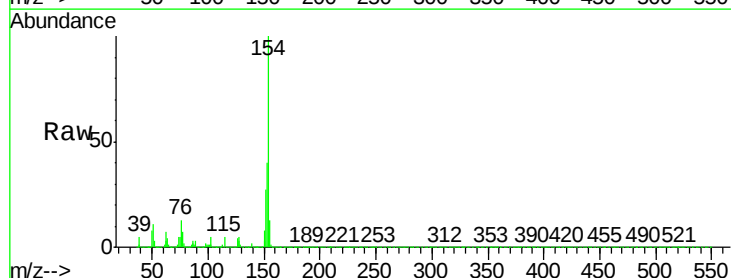
Manual Integrations
APPROVED

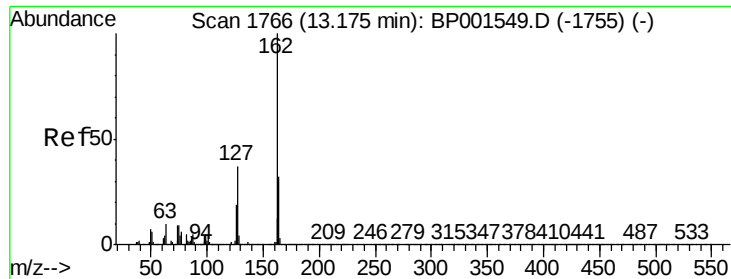
mohammad
1/17/2020 2:08:33 PM



#46
1,1'-Biphenyl
Concen: 50.901 ng
RT: 13.10 min Scan# 1754
Delta R.T. -0.01 min
Lab File: BP001636.D
Acq: 16 Jan 2020 19:50

Tgt Ion	Ratio	Lower	Upper
154	100		
153	39.9	19.5	59.5
76	13.4	0.0	33.1





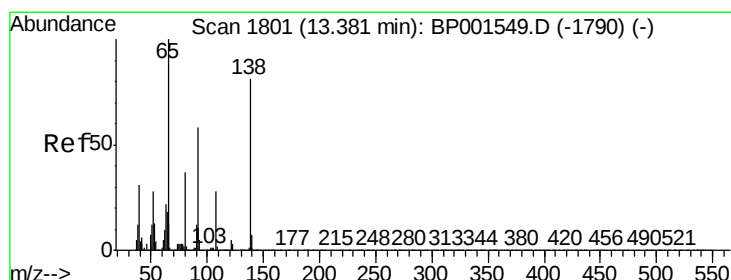
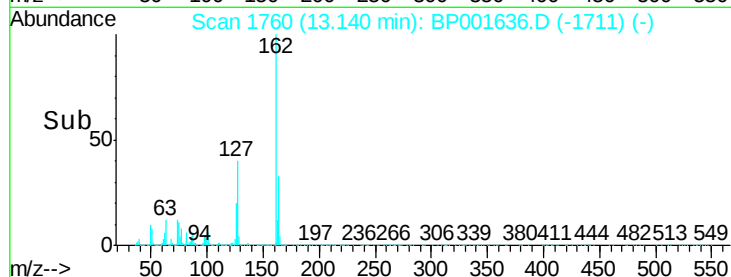
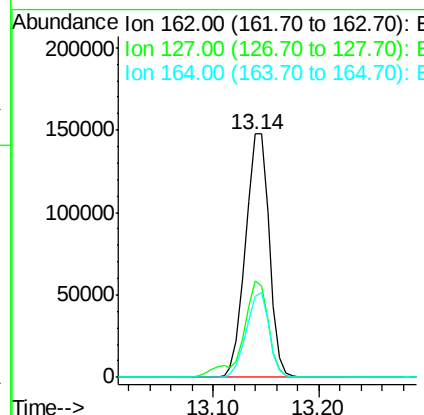
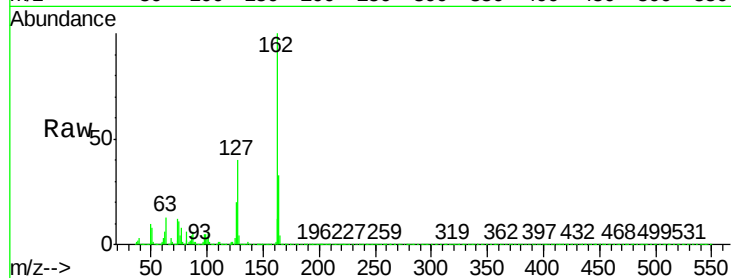
#47
2-Chloronaphthalene
Concen: 48.706 ng
RT: 13.14 min Scan# 1760
Delta R.T. -0.01 min
Lab File: BP001636.D
Acq: 16 Jan 2020 19:50

Instrument :
BNA_P
ClientSampleId :
SB-28-(4-6)MSD

Tot Ion	Ratio	Lower	Upper
162	100		
127	39.8	29.9	44.9
164	33.4	26.0	39.0

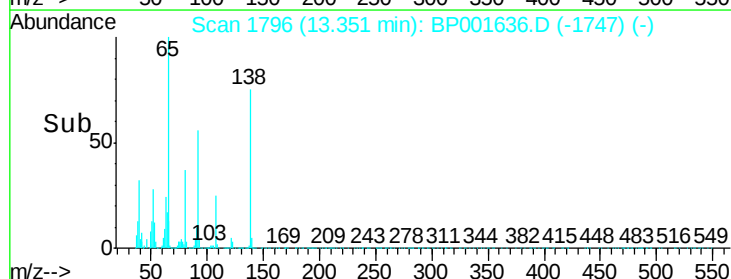
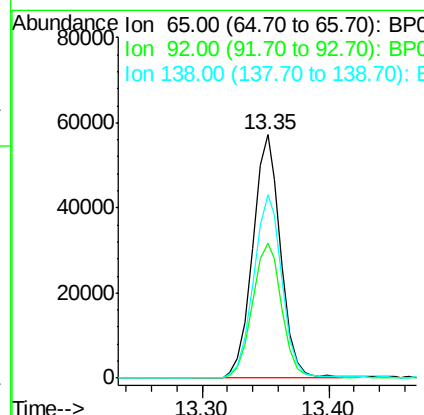
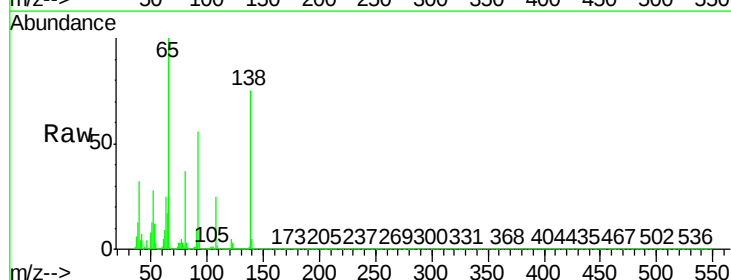
Manual Integrations
APPROVED

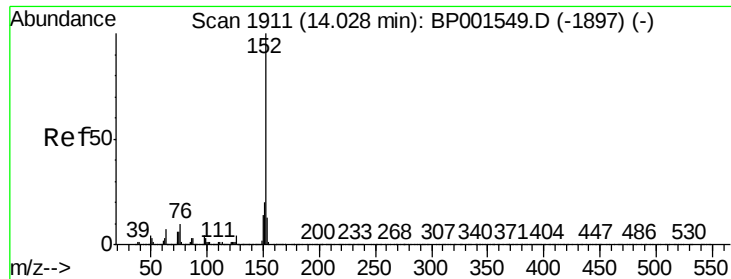
mohammad
1/17/2020 2:08:33 PM



#48
2-Nitroaniline
Concen: 47.245 ng
RT: 13.35 min Scan# 1796
Delta R.T. -0.01 min
Lab File: BP001636.D
Acq: 16 Jan 2020 19:50

Tgt Ion	Ratio	Lower	Upper
65	100		
92	55.6	46.2	69.2
138	75.5	64.7	97.1





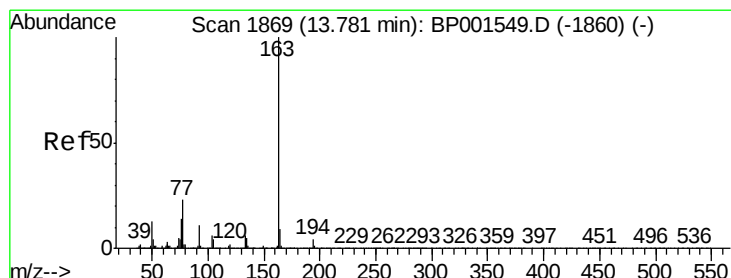
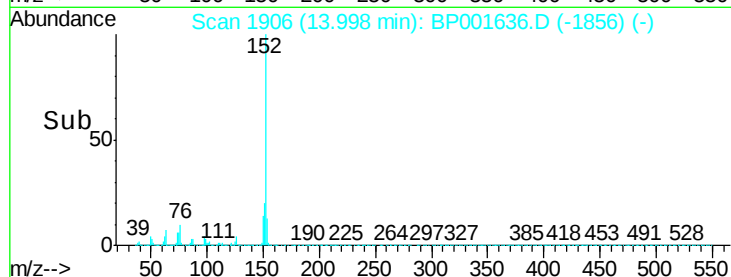
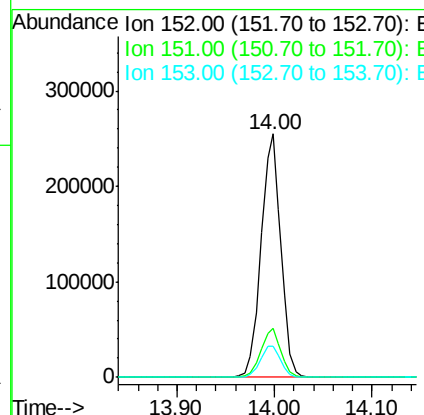
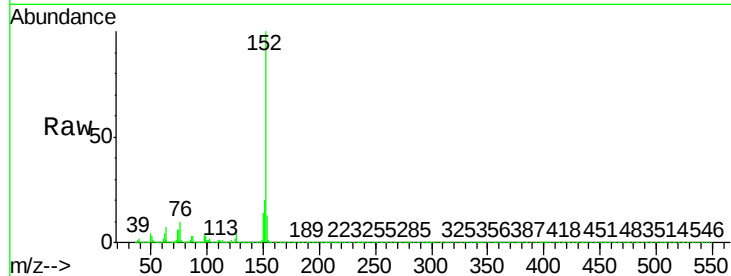
#49
Acenaphthylene
Concen: 50.073 ng
RT: 14.00 min Scan# 1906
Delta R.T. -0.01 min
Lab File: BP001636.D
Acq: 16 Jan 2020 19:50

Instrument :
BNA_P
ClientSampleId :
SB-28-(4-6)MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
152	100		363840		
151	19.9	15.9	23.9		
153	12.7	10.4	15.6		

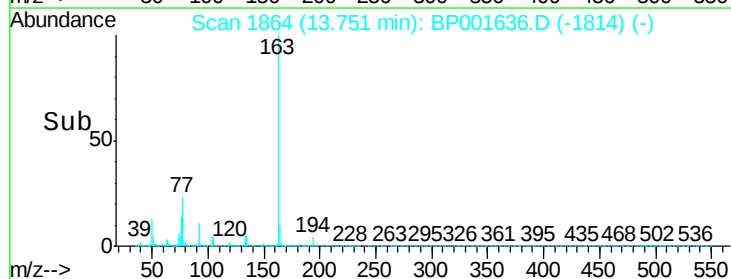
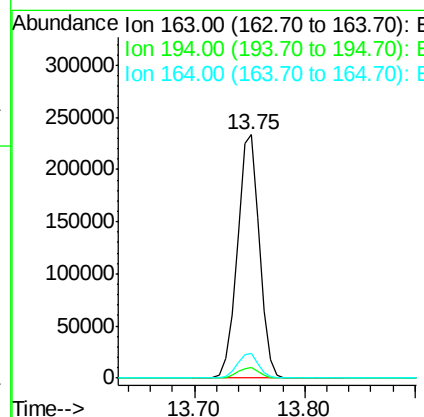
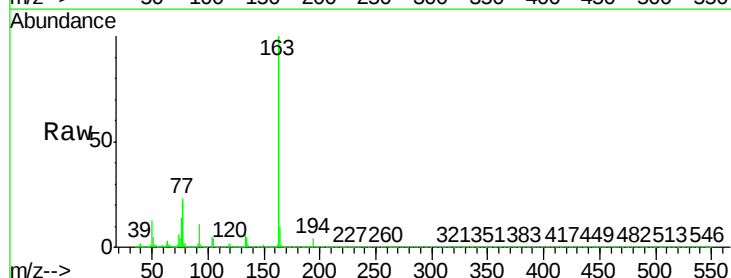
Manual Integrations
APPROVED

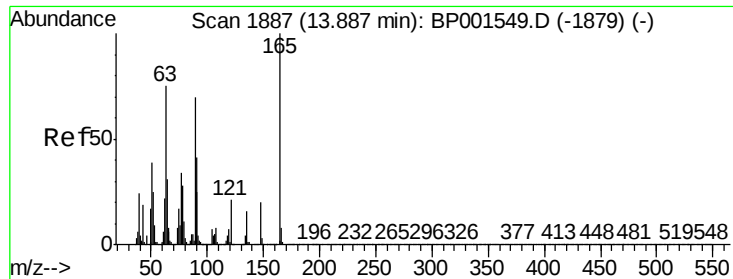
mohammad
1/17/2020 2:08:33 PM



#50
Dimethylphthalate
Concen: 50.017 ng
RT: 13.75 min Scan# 1864
Delta R.T. -0.01 min
Lab File: BP001636.D
Acq: 16 Jan 2020 19:50

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
163	100		325904		
194	4.5	3.6	5.4		
164	10.1	7.5	11.3		





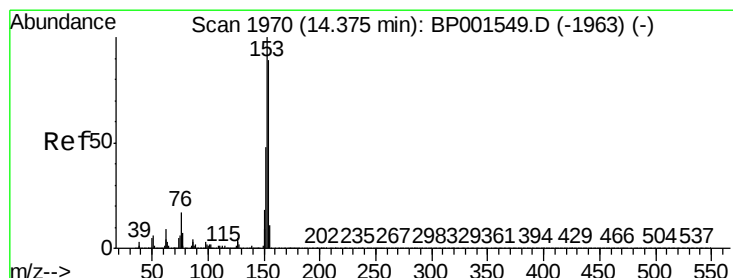
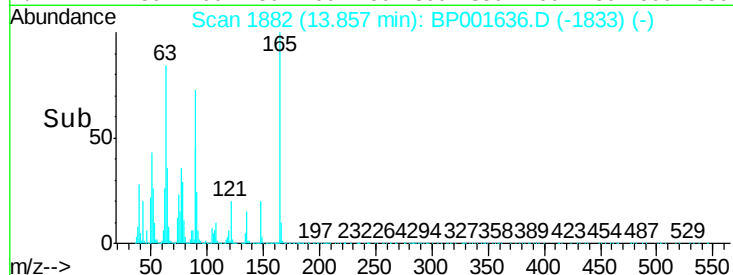
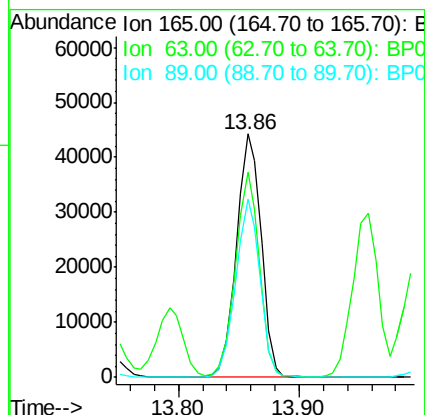
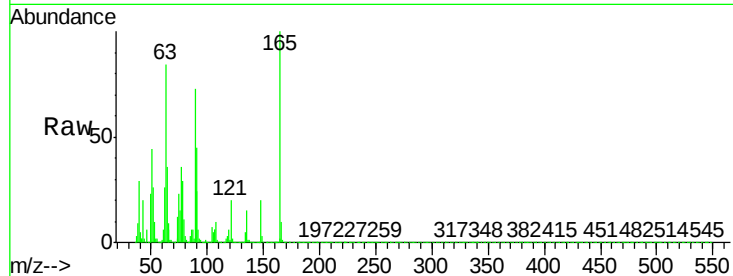
#51
2,6-Dinitrotoluene
Concen: 45.692 ng
RT: 13.86 min Scan# 1882
Delta R.T. -0.01 min
Lab File: BP001636.D
Acq: 16 Jan 2020 19:50

Instrument :
BNA_P
ClientSampleId :
SB-28-(4-6)MSD

Tot Ion	Ratio	Lower	Upper
165	100		
63	84.4	60.9	91.3
89	73.4	55.7	83.5

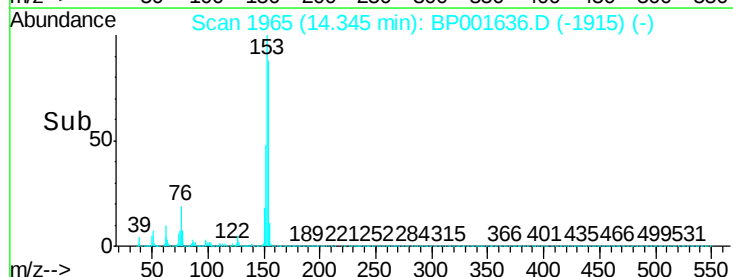
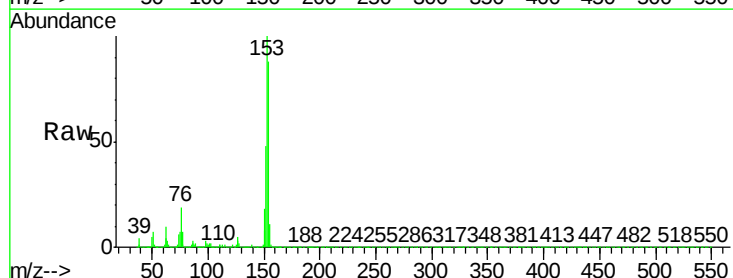
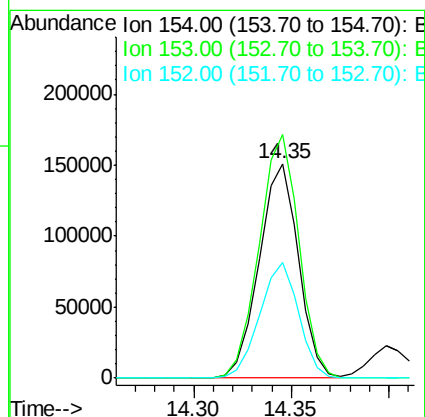
Manual Integrations
APPROVED

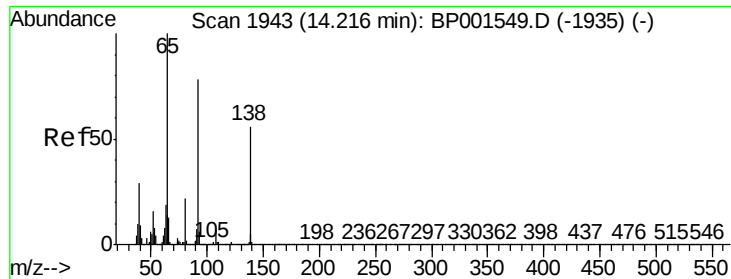
mohammad
1/17/2020 2:08:33 PM



#52
Acenaphthene
Concen: 46.783 ng
RT: 14.35 min Scan# 1965
Delta R.T. -0.01 min
Lab File: BP001636.D
Acq: 16 Jan 2020 19:50

Tgt Ion	Ratio	Lower	Upper
154	100		
153	113.5	89.4	134.2
152	54.0	42.6	64.0





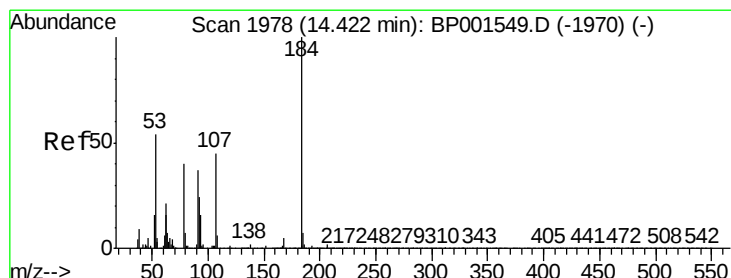
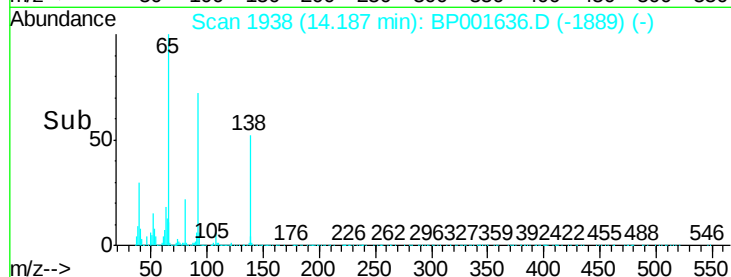
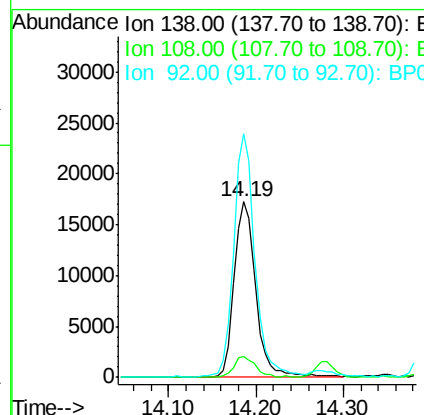
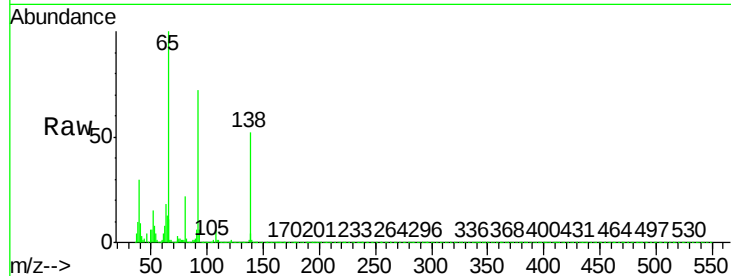
#53
3-Nitroaniline
Concen: 20.115 ng
RT: 14.19 min Scan# 1938
Delta R.T. -0.01 min
Lab File: BP001636.D
Acq: 16 Jan 2020 19:50

Instrument :
BNA_P
ClientSampleId :
SB-28-(4-6)MSD

Tot Ion	Ratio	Lower	Upper
138	100		
108	11.8	9.9	14.9
92	138.9	110.6	166.0

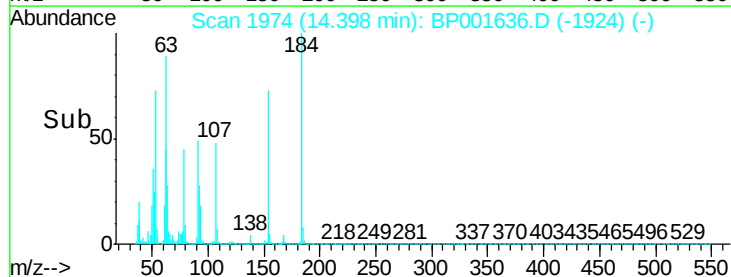
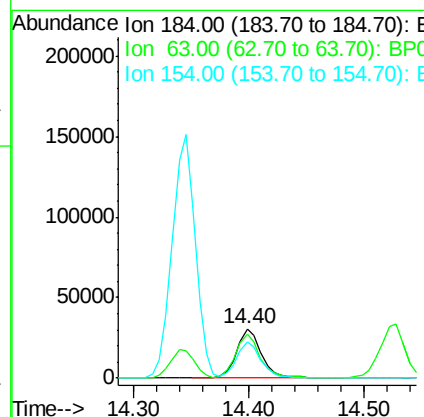
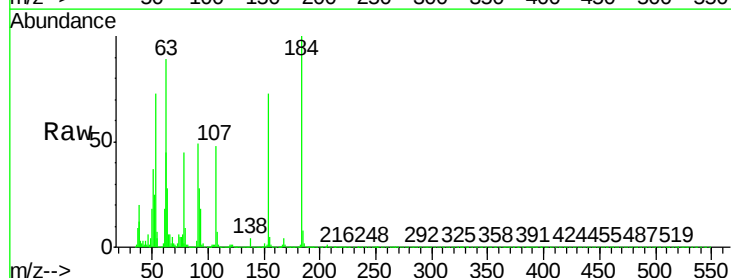
Manual Integrations
APPROVED

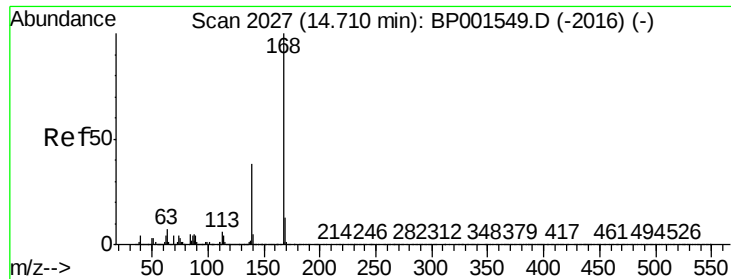
mohammad
1/17/2020 2:08:33 PM



#54
2,4-Dinitrophenol
Concen: 59.011 ng
RT: 14.40 min Scan# 1974
Delta R.T. -0.01 min
Lab File: BP001636.D
Acq: 16 Jan 2020 19:50

Tgt Ion	Ratio	Lower	Upper
184	100		
63	88.8	59.7	89.5
154	73.0	53.9	80.9





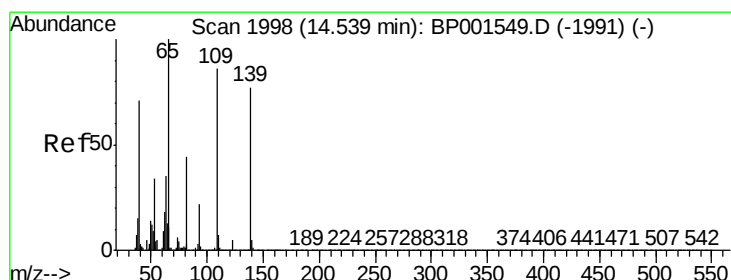
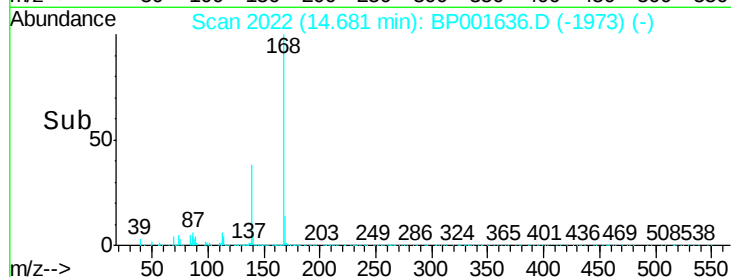
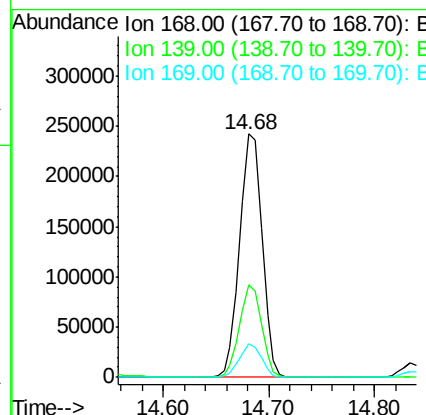
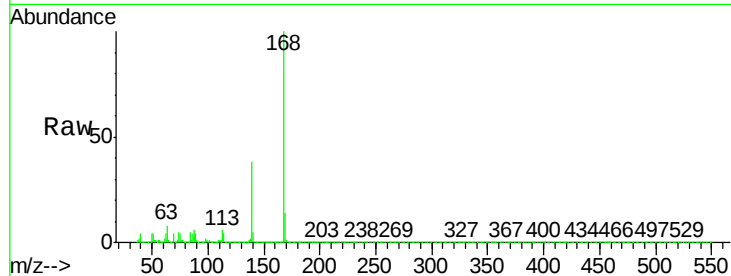
#55
Dibenzofuran
Concen: 46.821 ng
RT: 14.68 min Scan# 2022
Delta R.T. -0.01 min
Lab File: BP001636.D
Acq: 16 Jan 2020 19:50

Instrument :
BNA_P
ClientSampleId :
SB-28-(4-6)MSD

Tot Ion	Ratio	Lower	Upper
168	100		
139	38.2	30.2	45.4
169	13.8	10.6	16.0

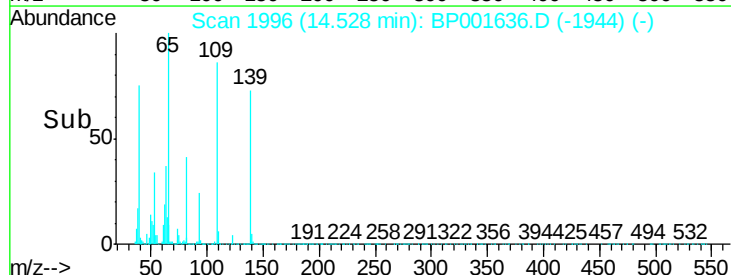
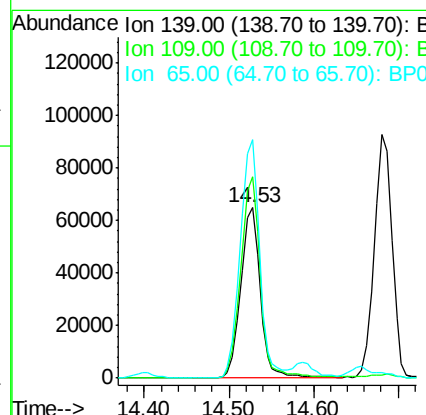
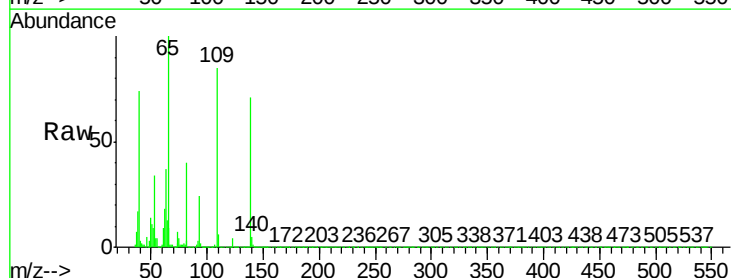
Manual Integrations
APPROVED

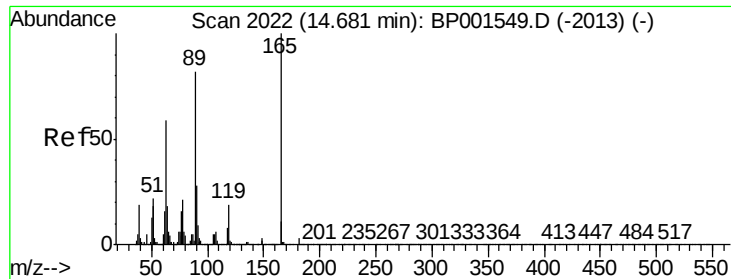
mohammad
1/17/2020 2:08:33 PM



#56
4-Nitrophenol
Concen: 88.876 ng
RT: 14.53 min Scan# 1996
Delta R.T. 0.01 min
Lab File: BP001636.D
Acq: 16 Jan 2020 19:50

Tgt Ion	Ratio	Lower	Upper
139	100		
109	118.6	92.7	132.7
65	139.9	111.1	151.1





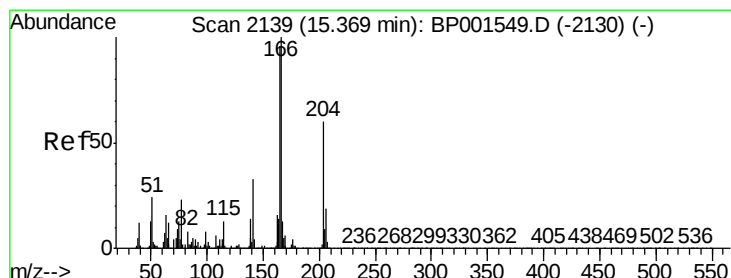
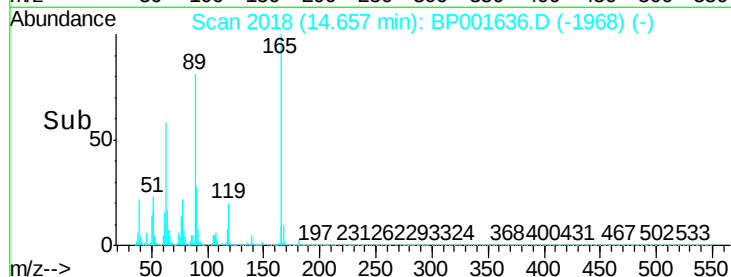
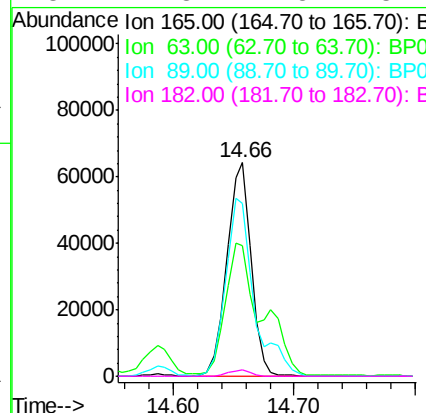
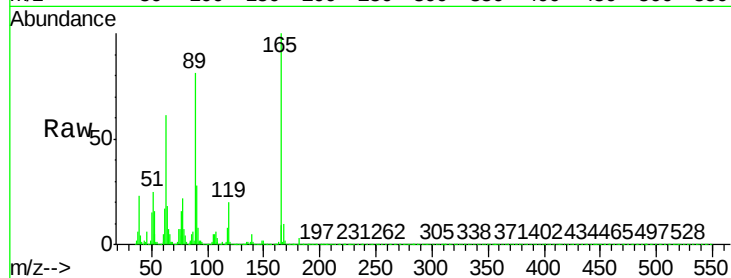
#57
2,4-Dinitrotoluene
Concen: 43.984 ng
RT: 14.66 min Scan# 2018
Delta R.T. -0.01 min
Lab File: BP001636.D
Acq: 16 Jan 2020 19:50

Instrument :
BNA_P
ClientSampleId :
SB-28-(4-6)MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
165	100				
63	61.2	47.3	70.9		
89	81.0	65.4	98.0		
182	2.8	2.5	3.7		

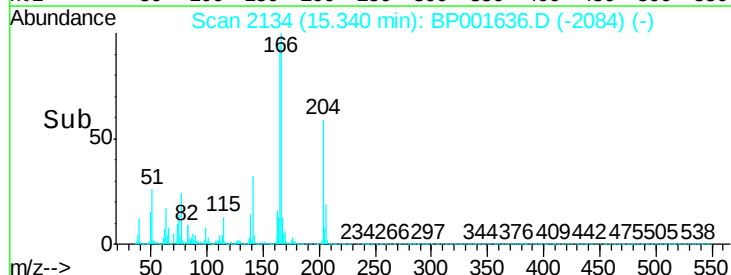
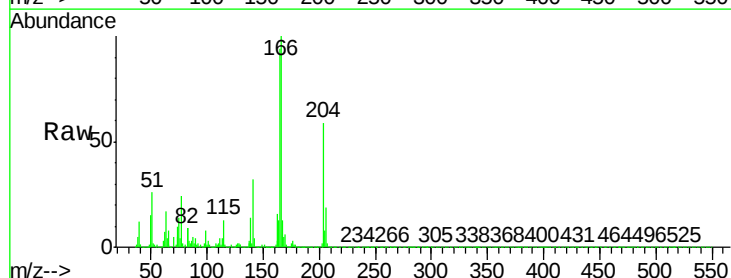
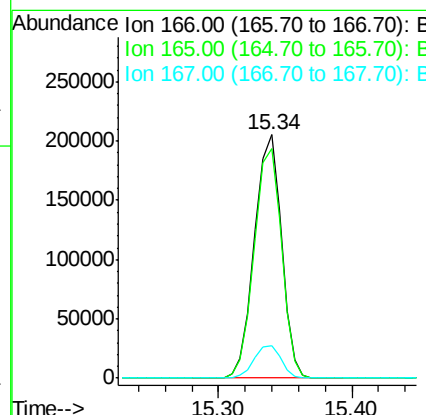
Manual Integrations
APPROVED

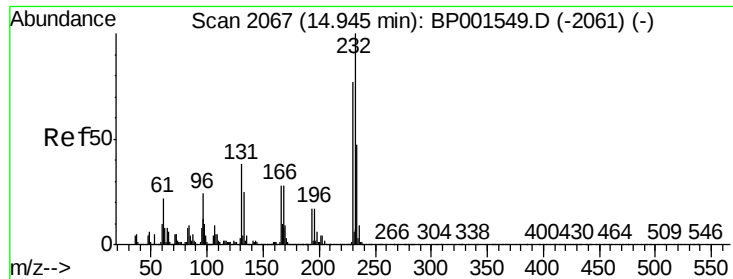
mohammad
1/17/2020 2:08:33 PM



#58
Fluorene
Concen: 46.522 ng
RT: 15.34 min Scan# 2134
Delta R.T. -0.01 min
Lab File: BP001636.D
Acq: 16 Jan 2020 19:50

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
166	100				
165	94.4	76.9	115.3		
167	13.4	10.3	15.5		





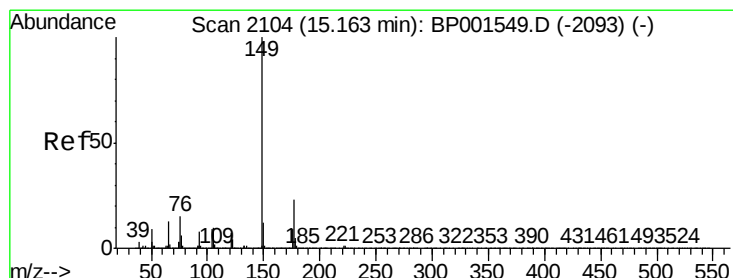
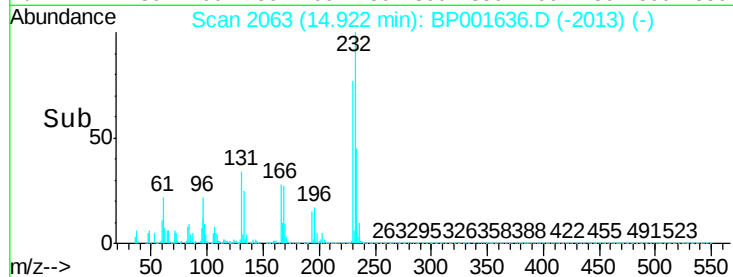
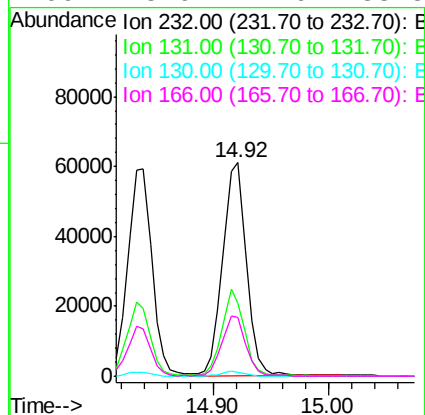
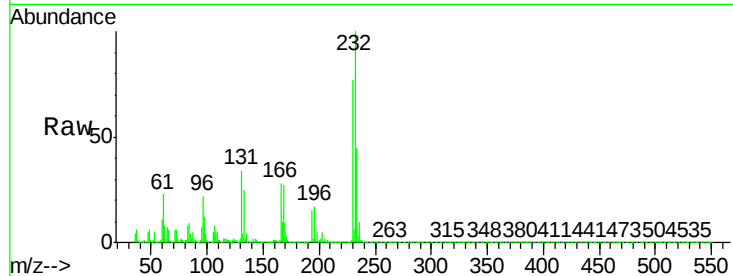
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 45.607 ng
 RT: 14.92 min Scan# 2063
 Delta R.T. -0.01 min
 Lab File: BP001636.D
 Acq: 16 Jan 2020 19:50

Instrument :
 BNA_P
 ClientSampleId :
 SB-28-(4-6)MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
232	100		87465		
131	38.2	31.3	46.9		
130	2.5	2.0	3.0		
166	28.6	22.6	33.8		

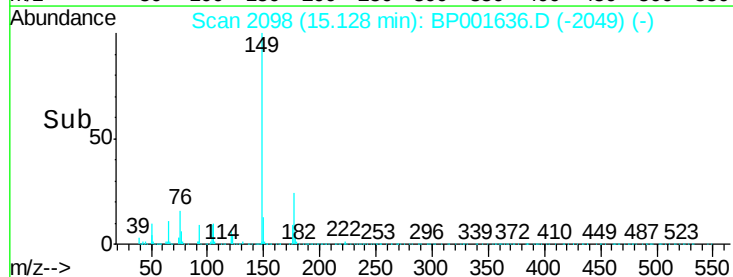
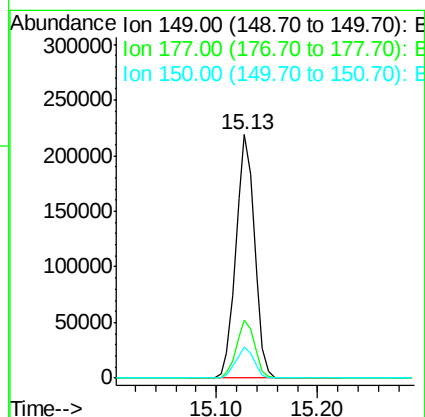
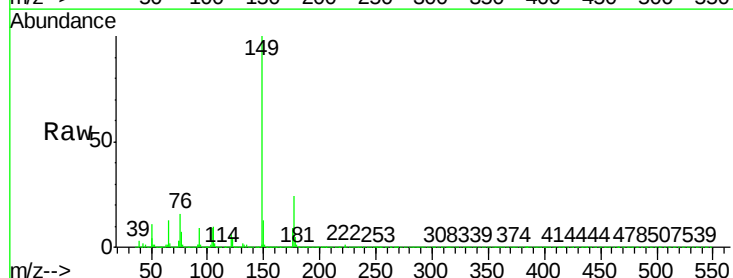
Manual Integrations
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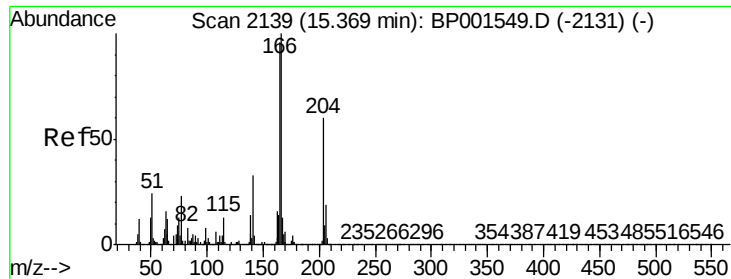
mohammad
 1/17/2020 2:08:33 PM



#60
 Diethylphthalate
 Concen: 41.701 ng
 RT: 15.13 min Scan# 2098
 Delta R.T. -0.01 min
 Lab File: BP001636.D
 Acq: 16 Jan 2020 19:50

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
149	100		279470		
177	24.0	18.4	27.6		
150	12.9	10.0	15.0		





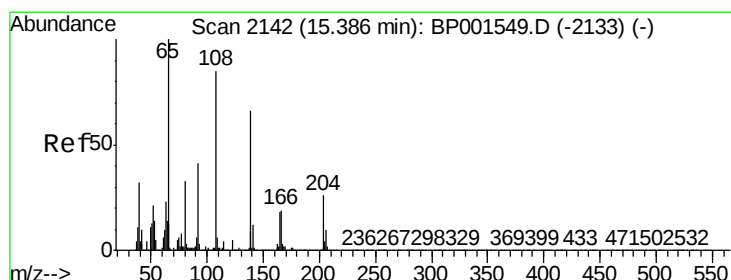
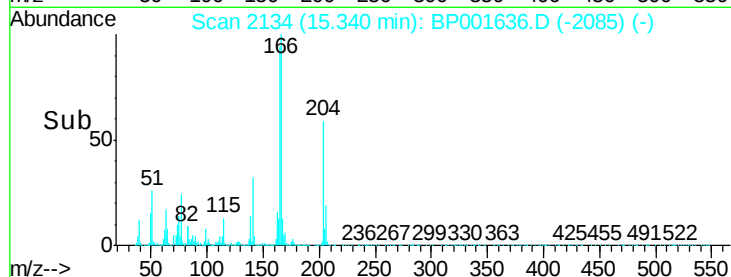
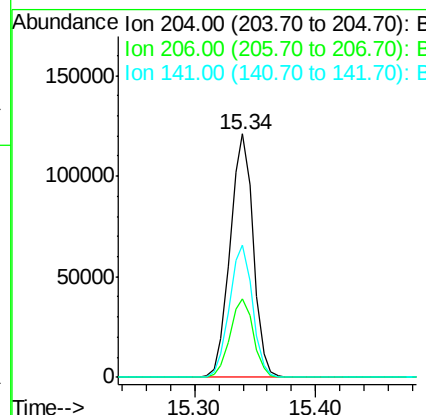
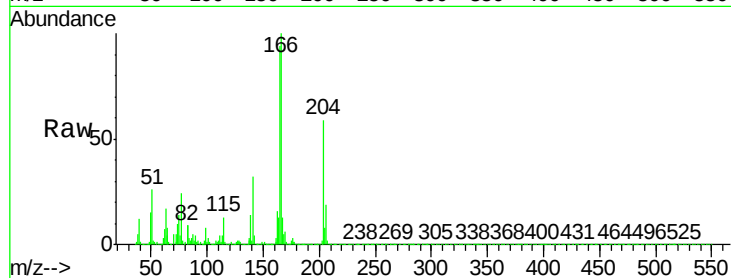
#61
4-Chlorophenyl-phenylether
Concen: 45.468 ng
RT: 15.34 min Scan# 2134
Delta R.T. -0.01 min
Lab File: BP001636.D
Acq: 16 Jan 2020 19:50

Instrument :
BNA_P
ClientSampleId :
SB-28-(4-6)MSD

Tot Ion	Ratio	Lower	Upper
204	100		
206	32.5	25.4	38.0
141	54.4	43.8	65.6

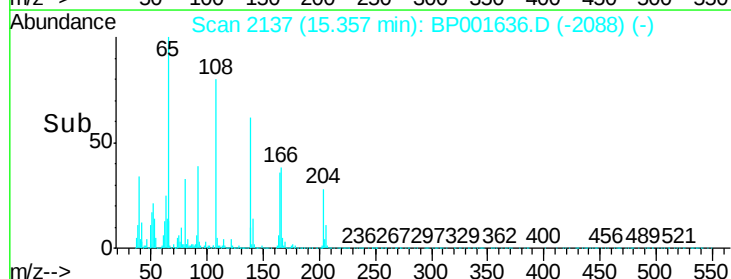
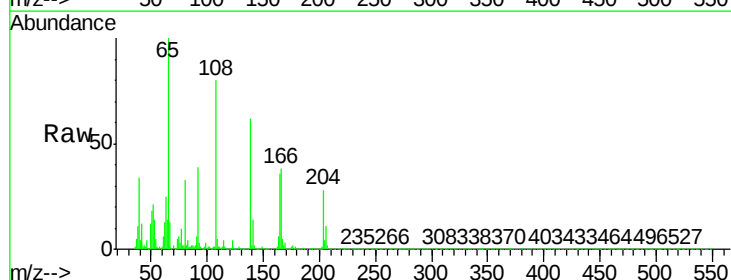
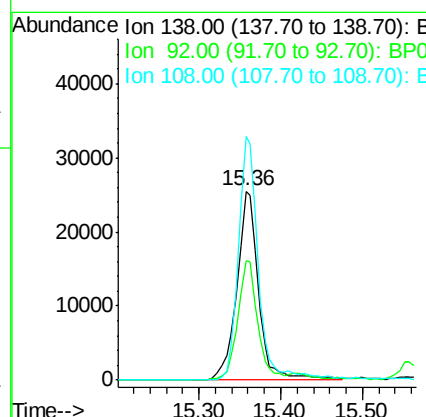
Manual Integrations
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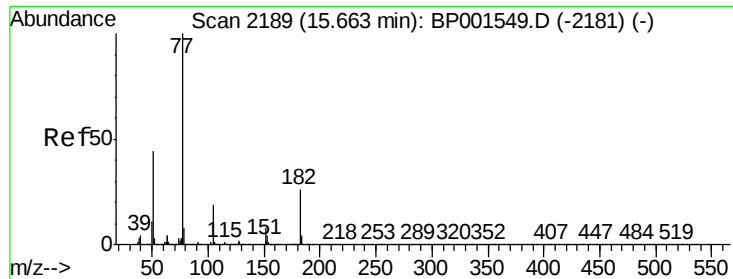
mohammad
1/17/2020 2:08:33 PM



#62
4-Nitroaniline
Concen: 28.472 ng
RT: 15.36 min Scan# 2137
Delta R.T. -0.01 min
Lab File: BP001636.D
Acq: 16 Jan 2020 19:50

Tgt Ion	Ratio	Lower	Upper
138	100		
92	63.3	42.7	82.7
108	128.8	108.6	148.6





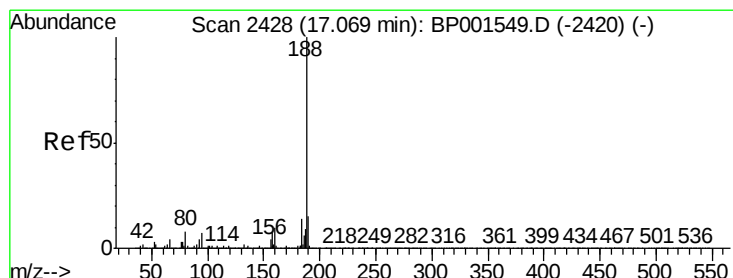
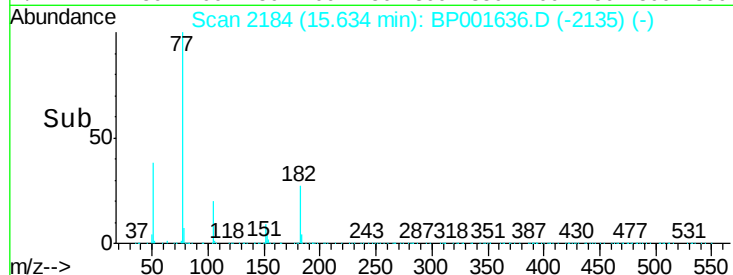
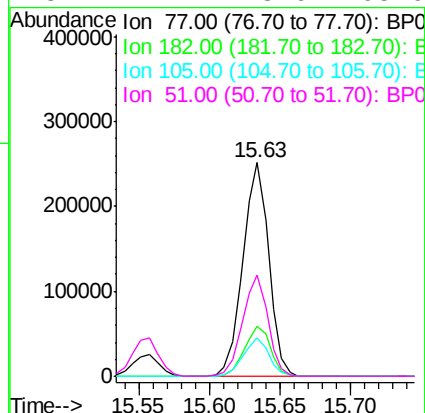
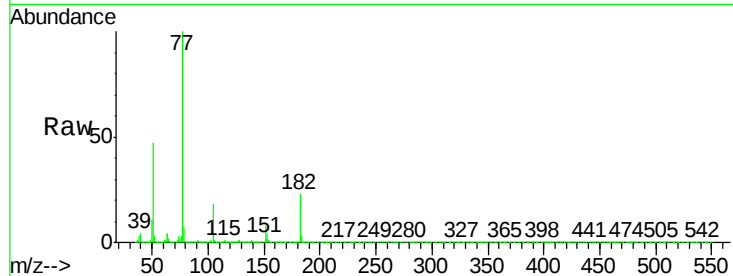
#63
Azobenzene
Concen: 48.039 ng
RT: 15.63 min Scan# 2184
Delta R.T. -0.01 min
Lab File: BP001636.D
Acq: 16 Jan 2020 19:50

Instrument :
BNA_P
ClientSampleId :
SB-28-(4-6)MSD

Tot Ion	Ratio	Lower	Upper
77	100		
182	23.2	5.8	45.8
105	17.8	0.0	39.3
51	47.1	23.6	63.6

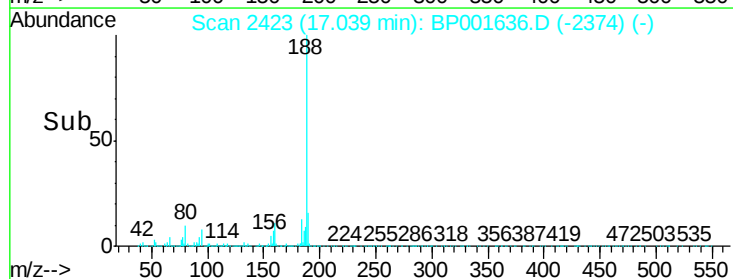
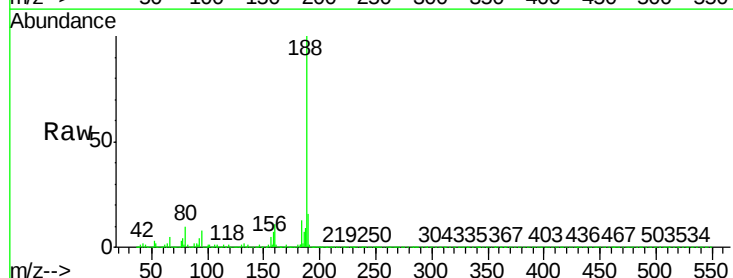
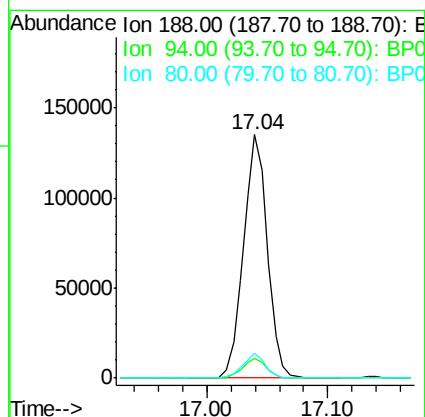
Manual Integrations
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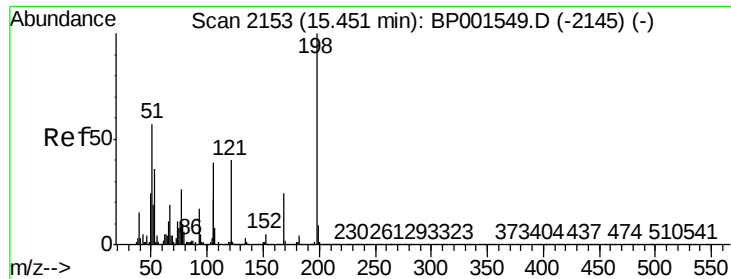
mohammad
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.04 min Scan# 2423
Delta R.T. -0.01 min
Lab File: BP001636.D
Acq: 16 Jan 2020 19:50

Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.0	5.9	8.9
80	9.9	6.8	10.2





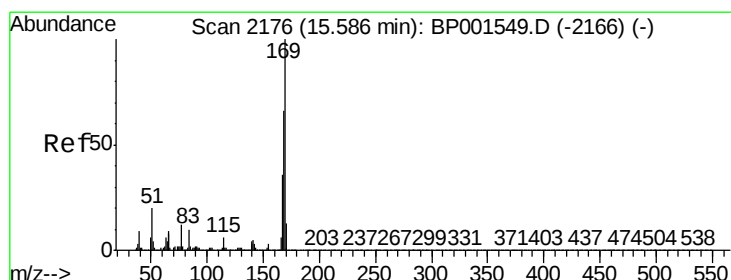
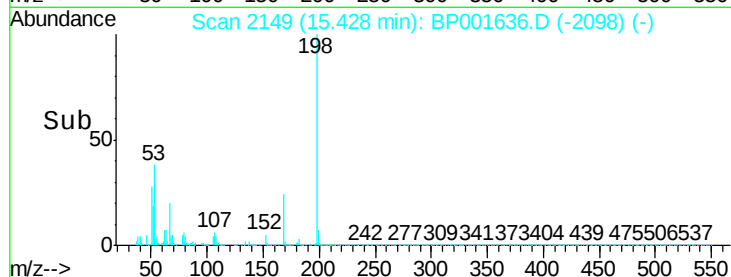
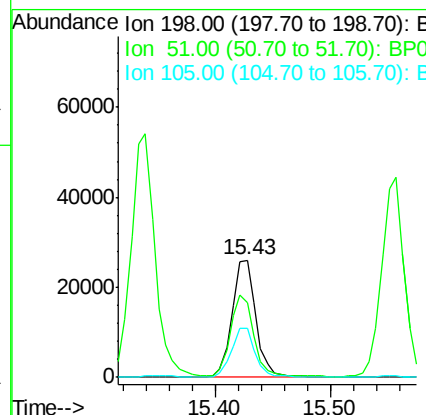
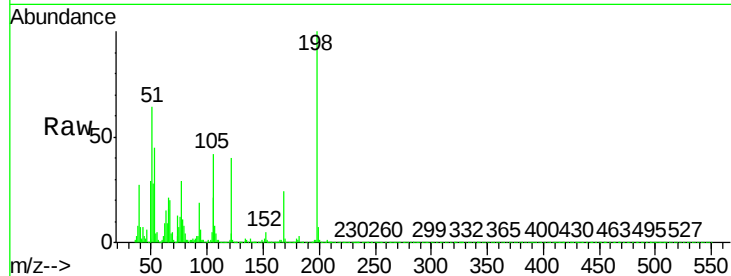
#65
4,6-Dinitro-2-methylphenol
Concen: 36.841 ng
RT: 15.43 min Scan# 2149
Delta R.T. 0.00 min
Lab File: BP001636.D
Acq: 16 Jan 2020 19:50

Instrument :
BNA_P
ClientSampleId :
SB-28-(4-6)MSD

Tot Ion	Ratio	Resp	Lower	Upper
198	100	37196		
51	64.2		39.4	79.4
105	42.0		19.7	59.7

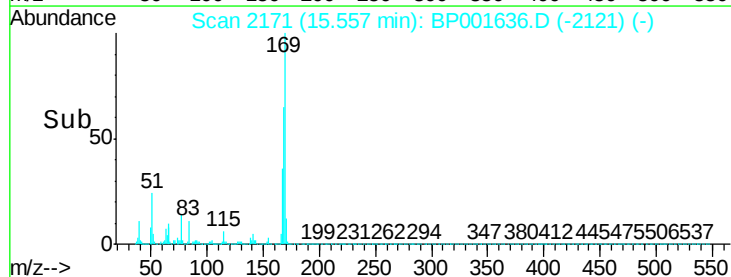
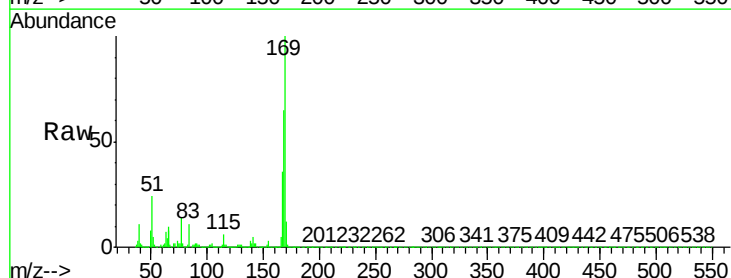
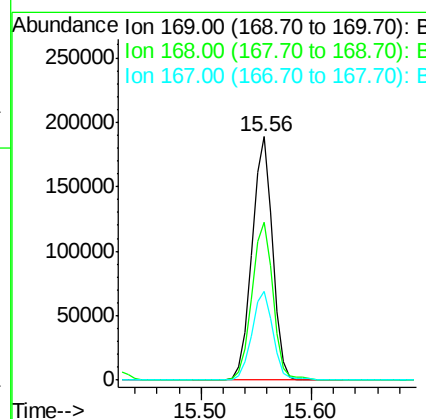
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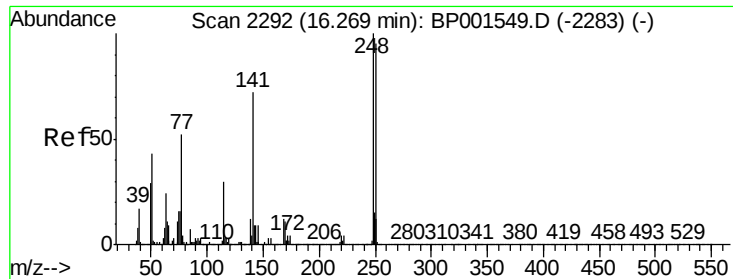
mohammad
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#66
n-Nitrosodiphenylamine
Concen: 49.820 ng
RT: 15.56 min Scan# 2171
Delta R.T. -0.01 min
Lab File: BP001636.D
Acq: 16 Jan 2020 19:50

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	246477		
168	64.9		53.1	79.7
167	36.3		28.9	43.3





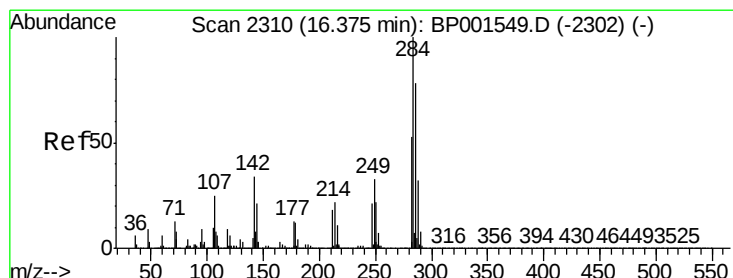
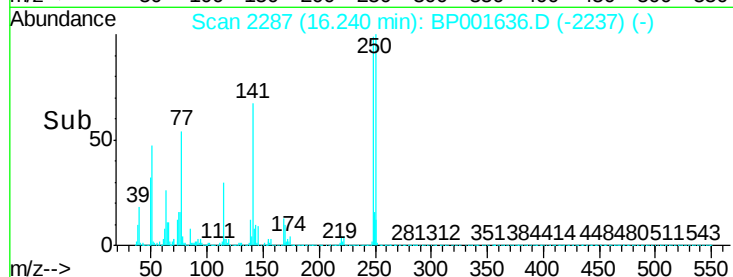
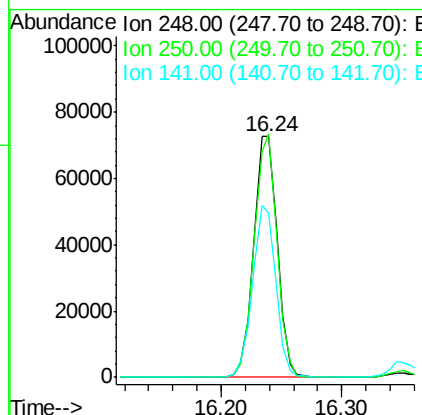
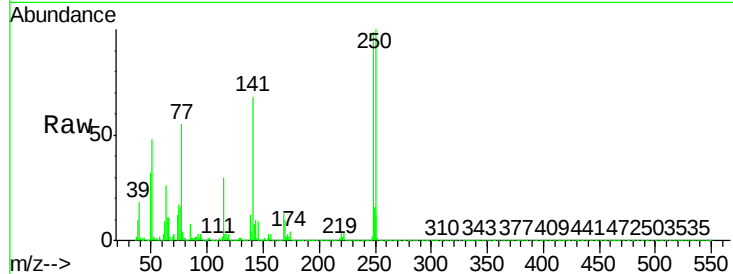
#67
4-Bromophenyl-phenylether
Concen: 47.250 ng
RT: 16.24 min Scan# 2287
Delta R.T. -0.01 min
Lab File: BP001636.D
Acq: 16 Jan 2020 19:50

Instrument :
BNA_P
ClientSampleId :
SB-28-(4-6)MSD

Tot Ion	Ratio	Lower	Upper
248	100		
250	101.0	76.0	114.0
141	68.2	57.8	86.8

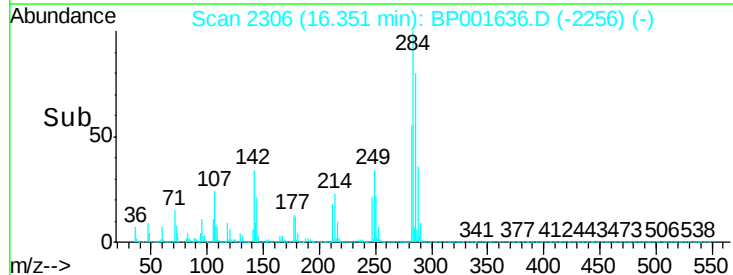
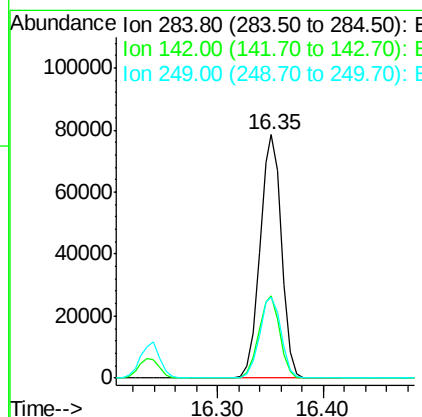
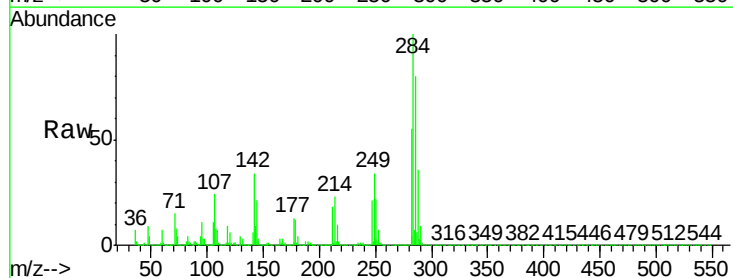
Manual Integrations
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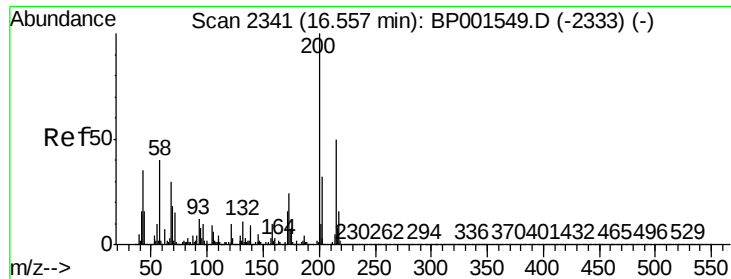
mohammad
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#68
Hexachlorobenzene
Concen: 45.511 ng
RT: 16.35 min Scan# 2306
Delta R.T. -0.01 min
Lab File: BP001636.D
Acq: 16 Jan 2020 19:50

Tgt Ion	Ratio	Lower	Upper
284	100		
142	33.7	27.4	41.2
249	33.5	26.8	40.2





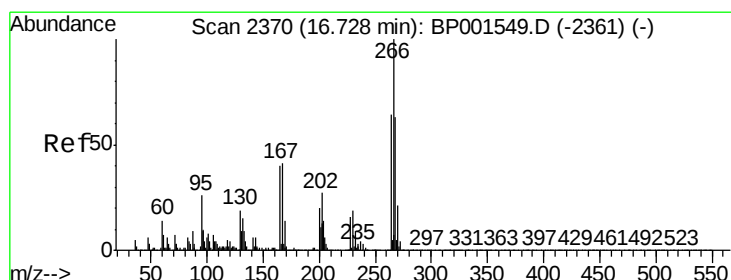
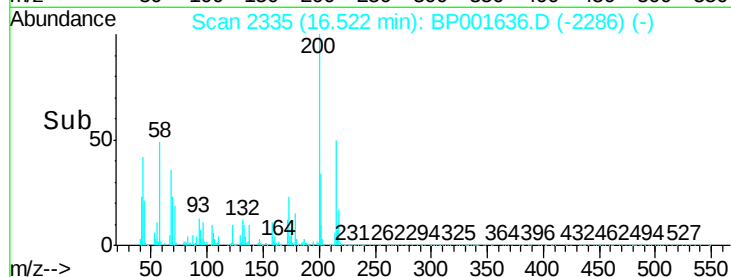
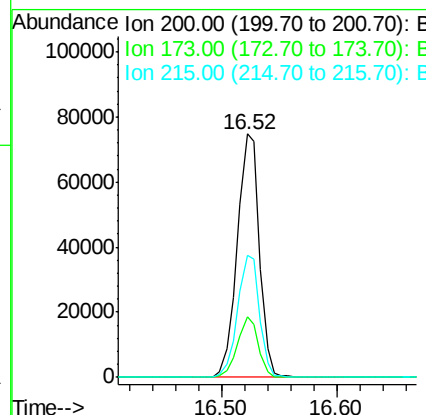
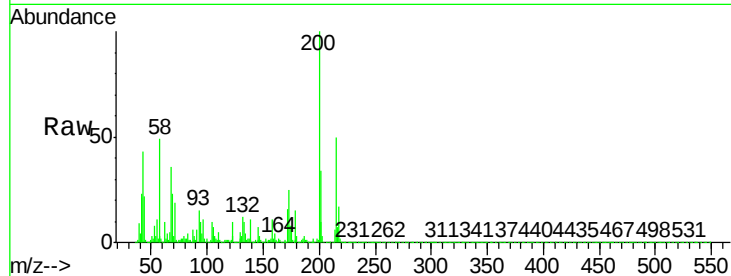
#69
Atrazine
Concen: 54.566 ng
RT: 16.52 min Scan# 2335
Delta R.T. -0.01 min
Lab File: BP001636.D
Acq: 16 Jan 2020 19:50

Instrument :
BNA_P
ClientSampled :
SB-28-(4-6)MSD

Tot Ion	Ratio	Lower	Upper
200	100		
173	25.0	3.5	43.5
215	50.1	30.4	70.4

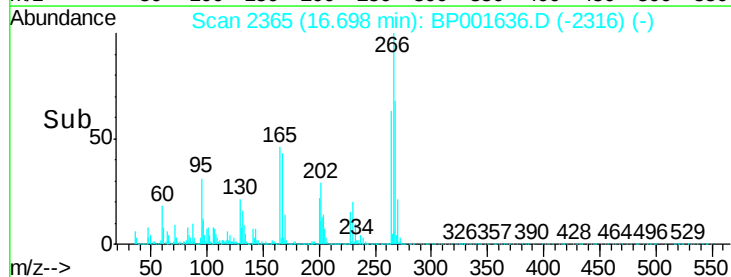
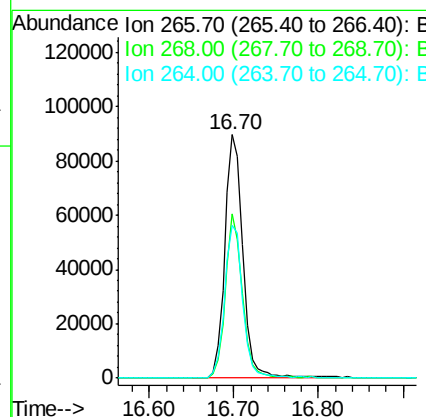
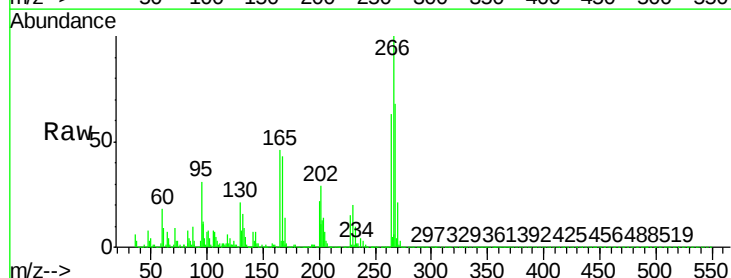
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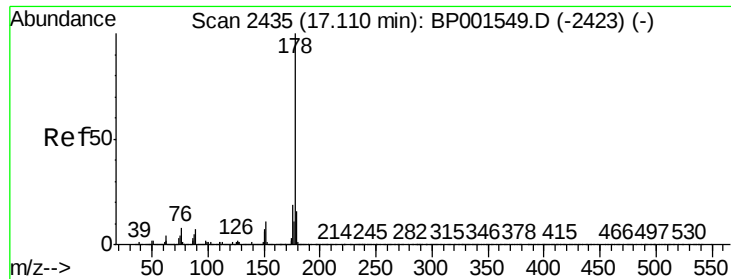
mohammad
1/17/2020 2:08:33 PM



#70
Pentachlorophenol
Concen: 99.168 ng
RT: 16.70 min Scan# 2365
Delta R.T. -0.01 min
Lab File: BP001636.D
Acq: 16 Jan 2020 19:50

Tgt Ion	Ratio	Lower	Upper
266	100		
268	67.6	50.5	75.7
264	62.7	50.9	76.3





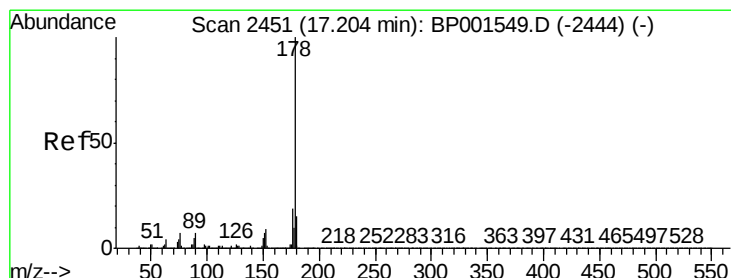
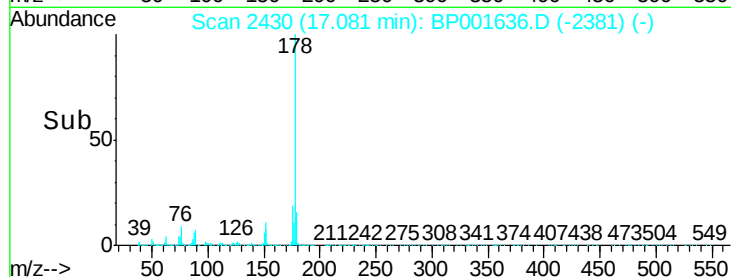
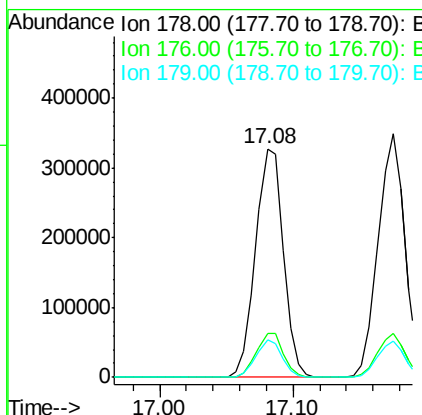
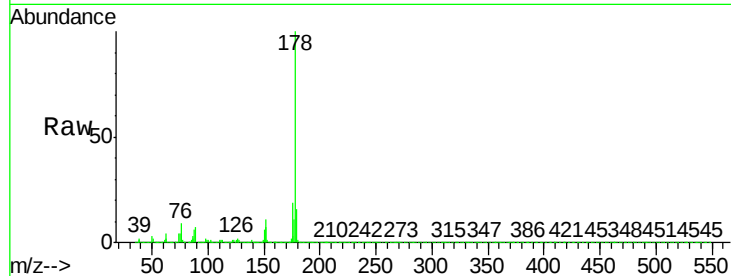
#71
Phenanthrene
Concen: 46.188 ng
RT: 17.08 min Scan# 2430
Delta R.T. -0.01 min
Lab File: BP001636.D
Acq: 16 Jan 2020 19:50

Instrument :
BNA_P
ClientSampleId :
SB-28-(4-6)MSD

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.3	14.9	22.3
179	16.5	12.5	18.7

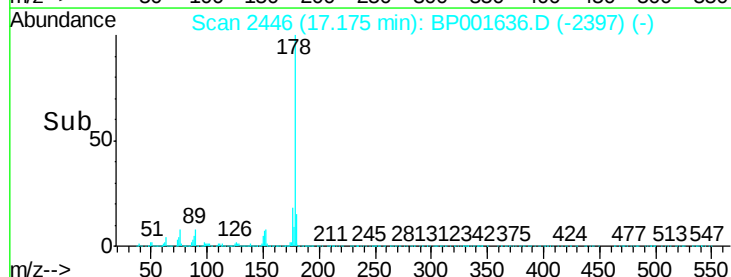
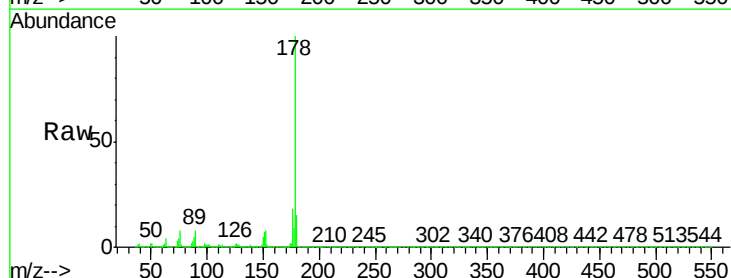
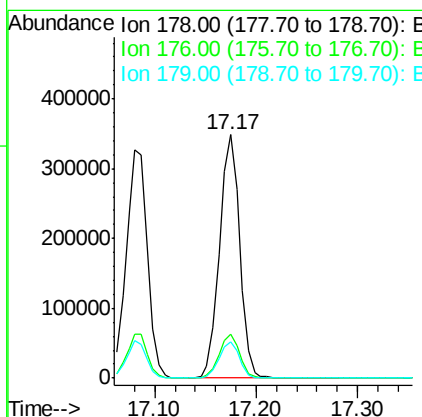
Manual Integrations
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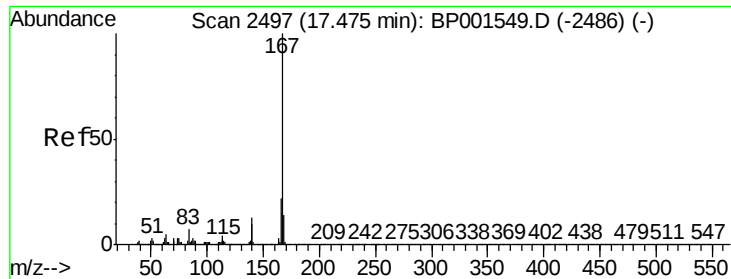
mohammad
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#72
Anthracene
Concen: 48.725 ng
RT: 17.17 min Scan# 2446
Delta R.T. -0.01 min
Lab File: BP001636.D
Acq: 16 Jan 2020 19:50

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.2	15.0	22.6
179	14.8	11.8	17.8





#73

Carbazole

Concen: 44.096 ng

RT: 17.45 min Scan# 2493

Delta R.T. -0.01 min

Lab File: BP001636.D

Acq: 16 Jan 2020 19:50

Instrument :

BNA_P

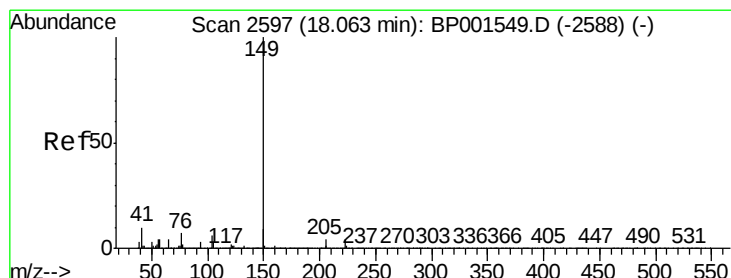
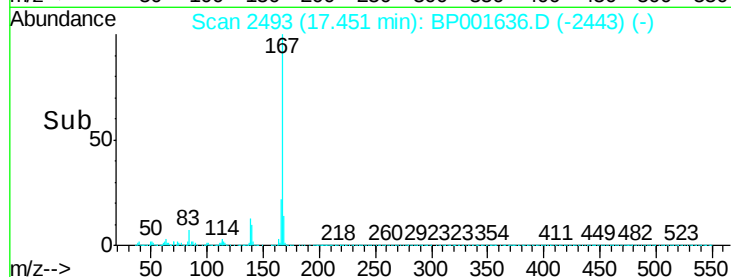
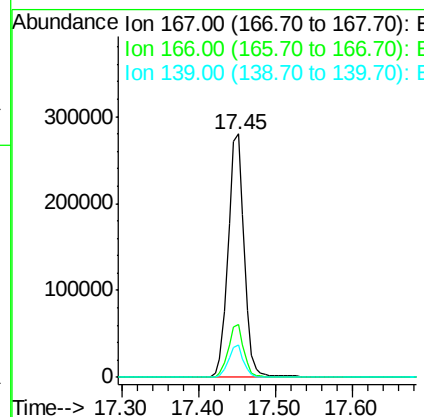
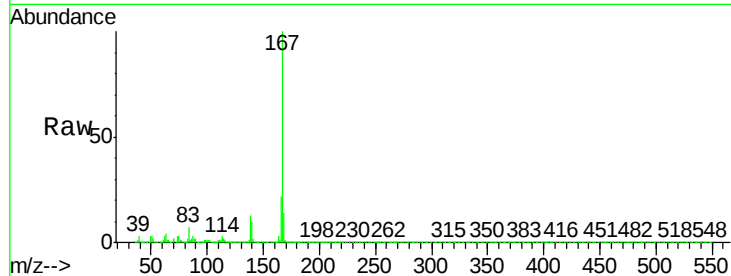
ClientSampleId :

SB-28-(4-6)MSD

Tot Ion:	167	Resp:	409305
Ion Ratio	Lower	Upper	
167	100		
166	21.9	17.2	25.8
139	13.1	10.0	15.0

Manual Integrations
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#74

Di-n-butylphthalate

Concen: 43.788 ng

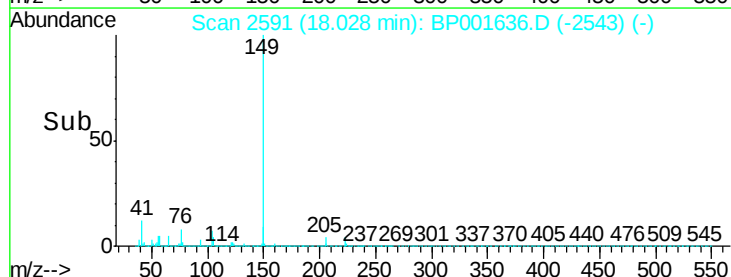
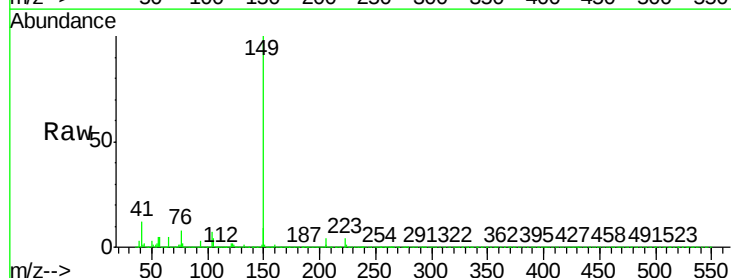
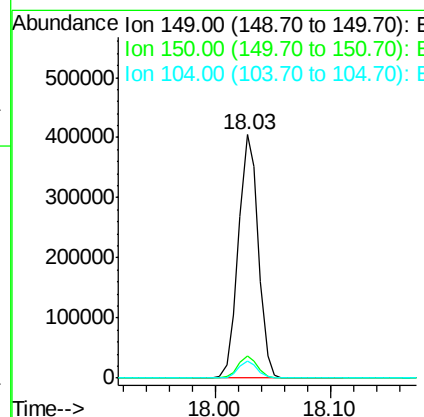
RT: 18.03 min Scan# 2591

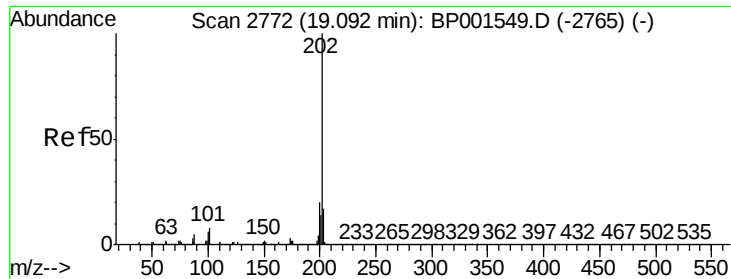
Delta R.T. -0.02 min

Lab File: BP001636.D

Acq: 16 Jan 2020 19:50

Tgt Ion:	149	Resp:	480862
Ion Ratio	Lower	Upper	
149	100		
150	9.2	7.0	10.6
104	6.8	5.0	7.4





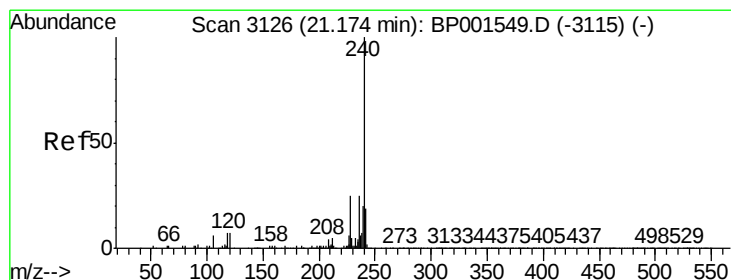
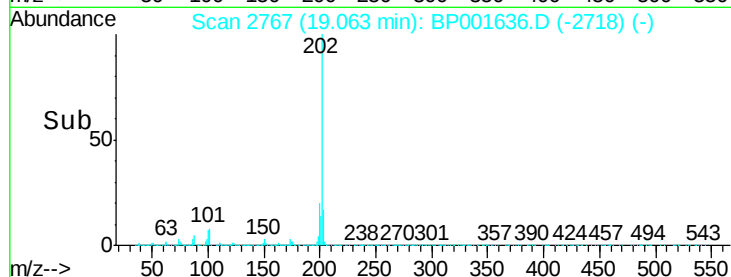
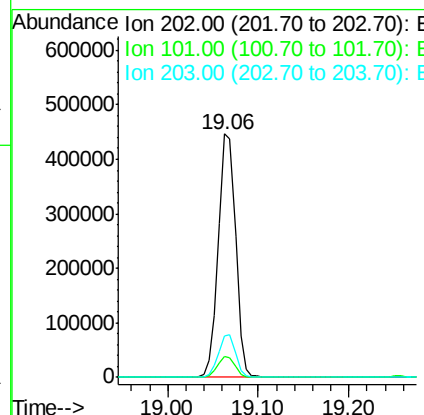
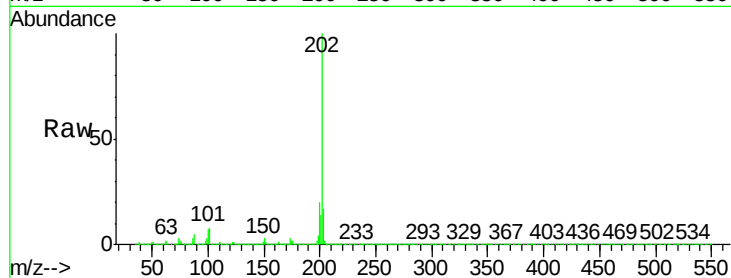
#75
 Fluoranthene
 Concen: 44.468 ng
 RT: 19.06 min Scan# 2767
 Delta R.T. -0.01 min
 Lab File: BP001636.D
 Acq: 16 Jan 2020 19:50

Instrument :
 BNA_P
 ClientSampleId :
 SB-28-(4-6)MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
202	100		594239		
101	8.3	0.0	28.4		
203	17.2	0.0	37.4		

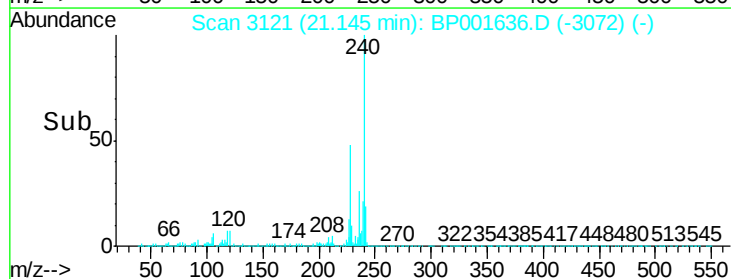
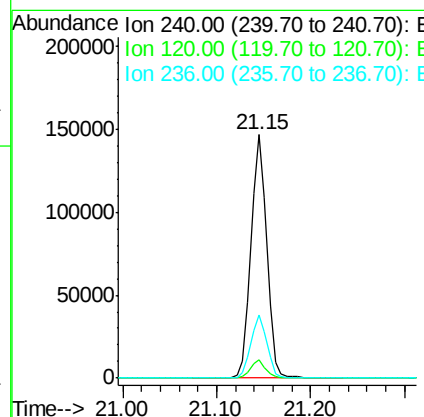
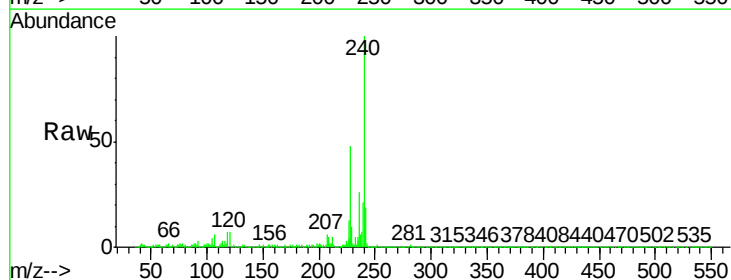
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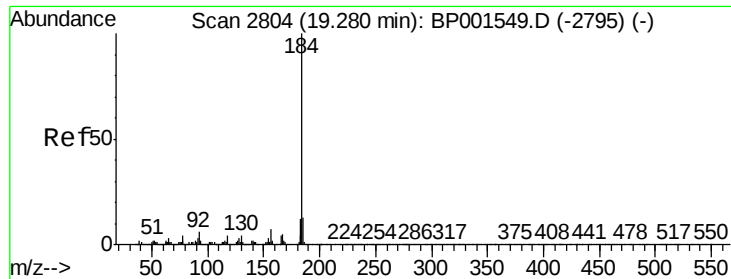
mohammad
 1/17/2020 2:08:33 PM



#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.15 min Scan# 3121
 Delta R.T. -0.01 min
 Lab File: BP001636.D
 Acq: 16 Jan 2020 19:50

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
240	100		171407		
120	7.4	5.7	8.5		
236	25.8	20.4	30.6		





#77

Benzidine

Concen: 100.391 ng

RT: 19.26 min Scan# 2800

Delta R.T. -0.01 min

Lab File: BP001636.D

Acq: 16 Jan 2020 19:50

Instrument :

BNA_P

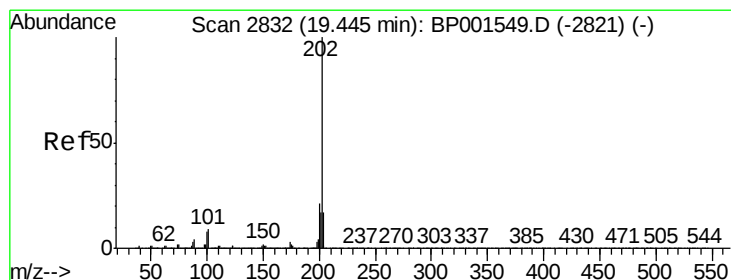
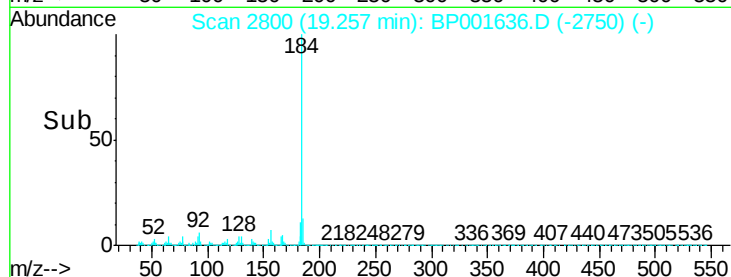
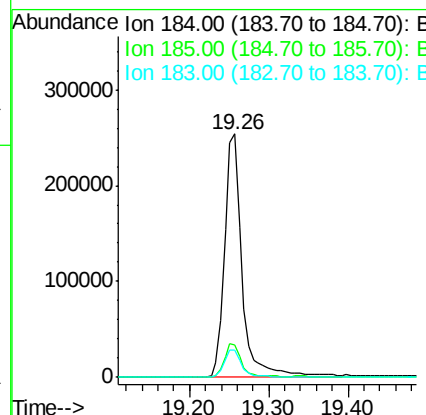
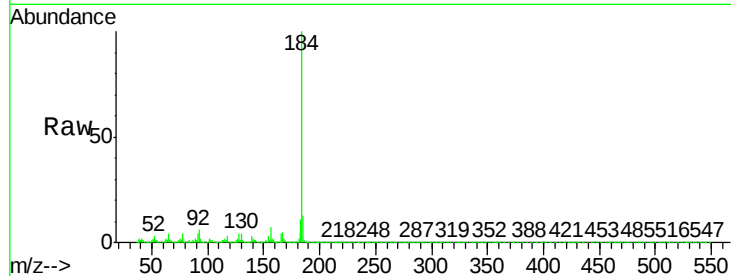
ClientSampleId :

SB-28-(4-6)MSD

Tot Ion:	184	Resp:	392915
Ion Ratio		Lower	Upper
184	100		
185	13.4	10.6	16.0
183	11.4	9.4	14.0

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#78

Pyrene

Concen: 47.000 ng

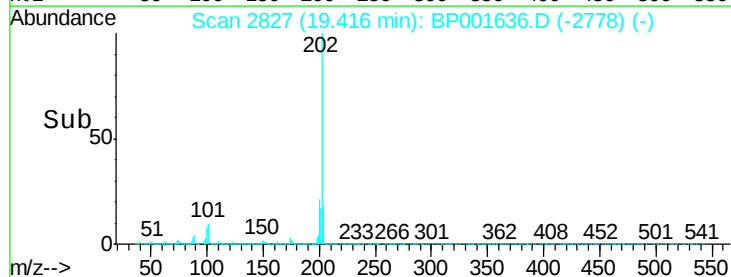
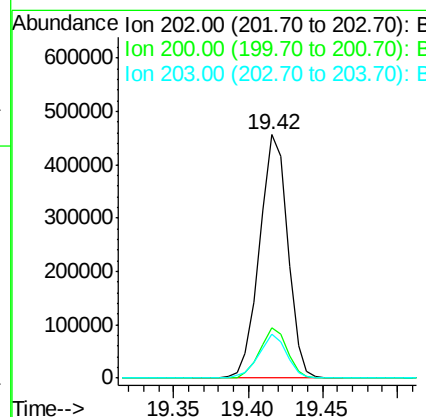
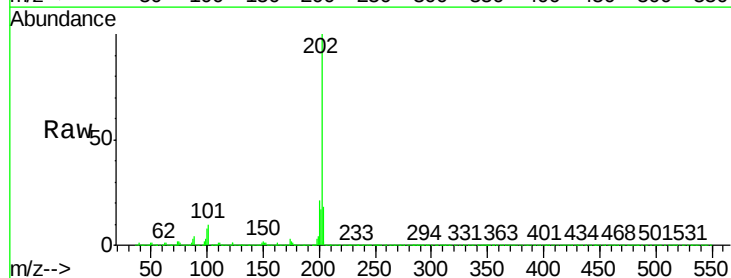
RT: 19.42 min Scan# 2827

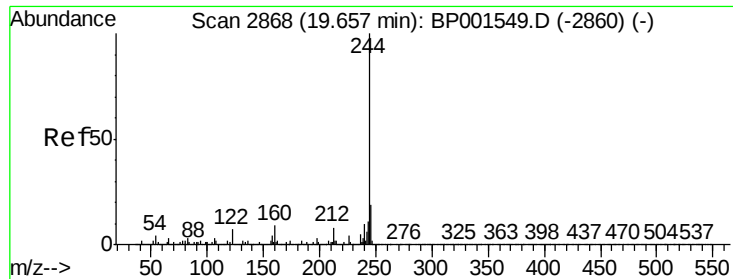
Delta R.T. -0.01 min

Lab File: BP001636.D

Acq: 16 Jan 2020 19:50

Tgt Ion:	202	Resp:	591789
Ion Ratio		Lower	Upper
202	100		
200	20.7	17.0	25.6
203	17.9	13.7	20.5





#79

Terphenyl-d14

Concen: 70.431 ng

RT: 19.63 min Scan# 2863

Delta R.T. -0.01 min

Lab File: BP001636.D

Acq: 16 Jan 2020 19:50

Instrument :

BNA_P

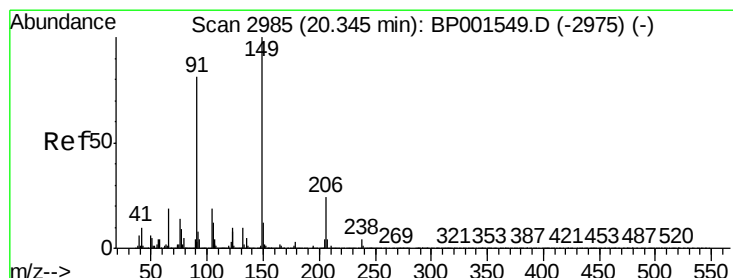
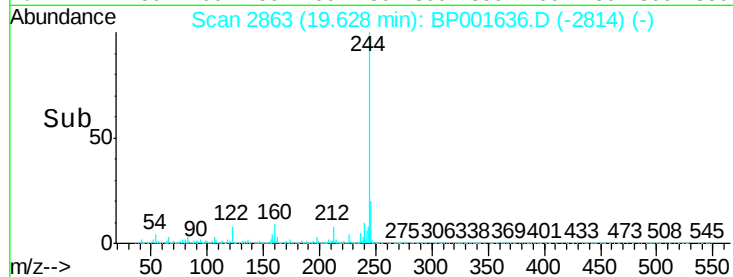
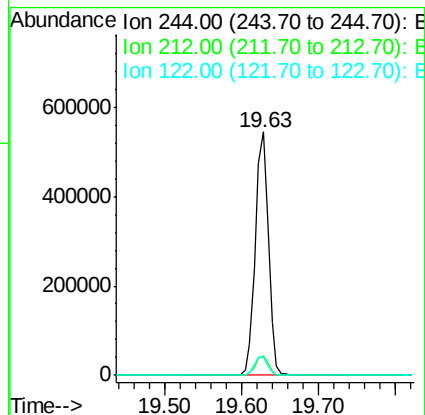
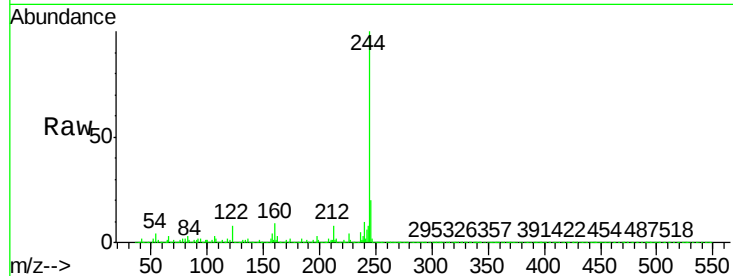
ClientSampleId :

SB-28-(4-6)MSD

Tot Ion:	244	Resp:	660038
Ion Ratio		Lower	Upper
244	100		
212	7.9	6.3	9.5
122	7.8	5.8	8.6

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#80

Butylbenzylphthalate

Concen: 45.216 ng

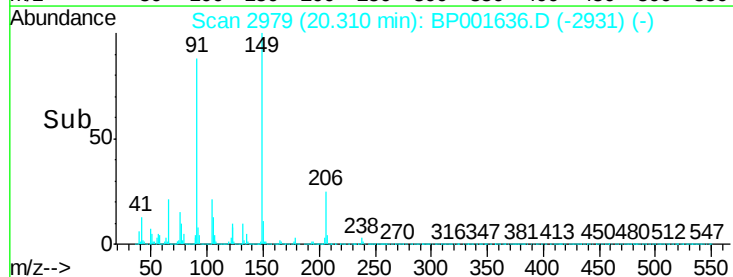
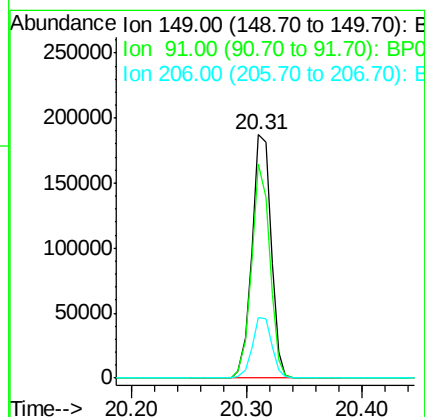
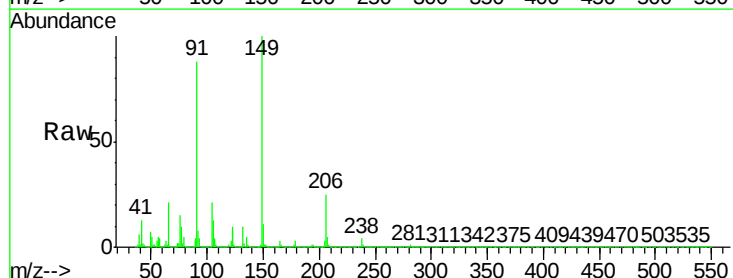
RT: 20.31 min Scan# 2979

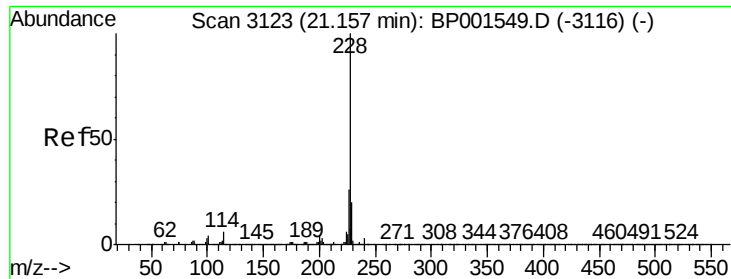
Delta R.T. -0.02 min

Lab File: BP001636.D

Acq: 16 Jan 2020 19:50

Tgt Ion:	149	Resp:	216384
Ion Ratio		Lower	Upper
149	100		
91	88.1	64.8	97.2
206	24.6	19.4	29.0





#81

Benzo(a)anthracene

Concen: 46.537 ng

RT: 21.13 min Scan# 3118

Delta R.T. -0.01 min

Lab File: BP001636.D

Acq: 16 Jan 2020 19:50

Instrument :

BNA_P

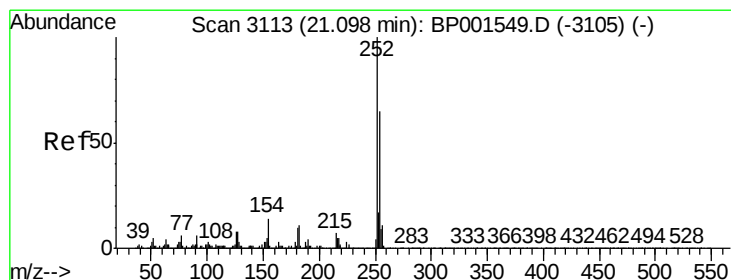
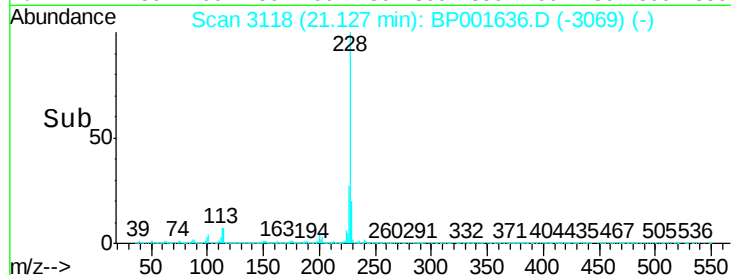
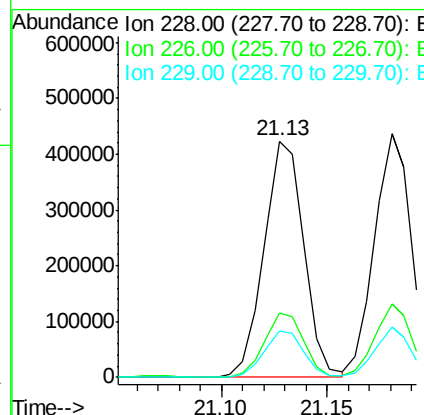
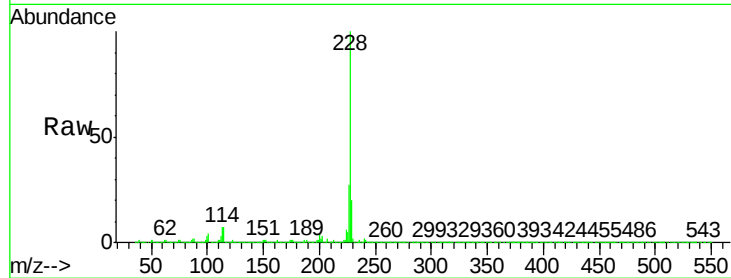
ClientSampleId :

SB-28-(4-6)MSD

Tot Ion:	228	Resp:	55532
Ion Ratio	Lower	Upper	
228	100		
226	27.0	21.2	31.8
229	19.8	16.1	24.1

Manual Integrations
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#82

3,3'-Dichlorobenzidine

Concen: 45.738 ng

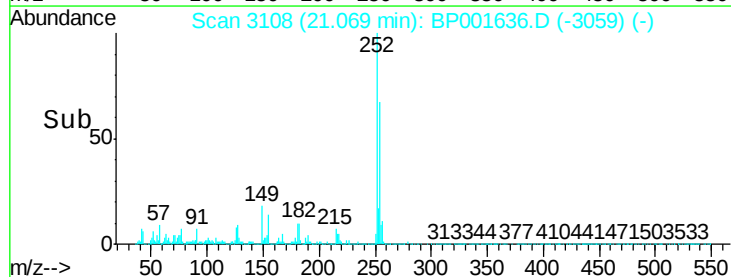
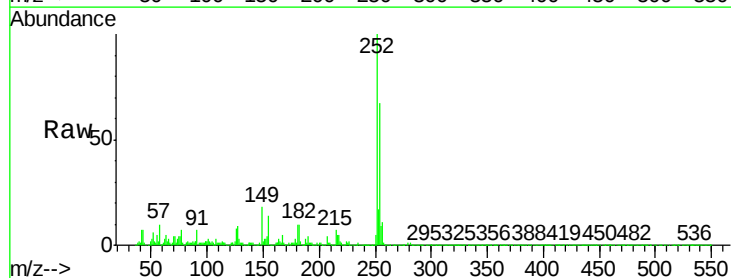
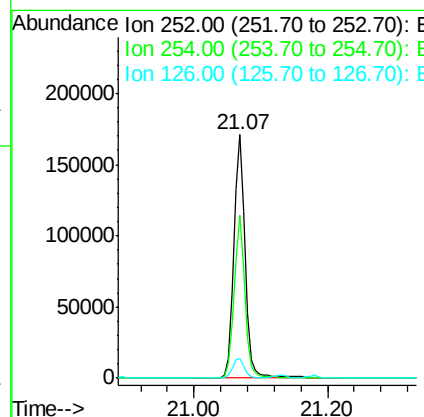
RT: 21.07 min Scan# 3108

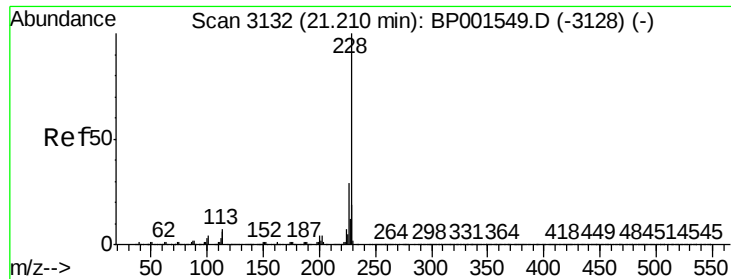
Delta R.T. -0.01 min

Lab File: BP001636.D

Acq: 16 Jan 2020 19:50

Tgt Ion:	252	Resp:	204743
Ion Ratio	Lower	Upper	
252	100		
254	66.8	52.2	78.2
126	8.0	6.6	9.8





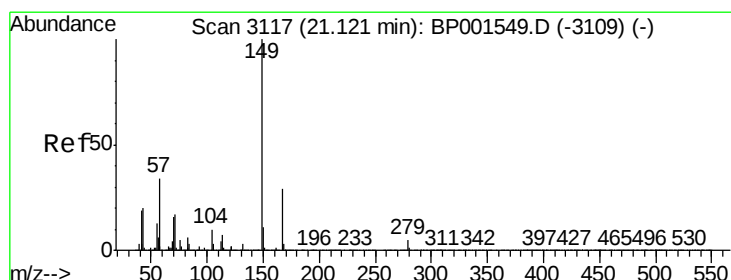
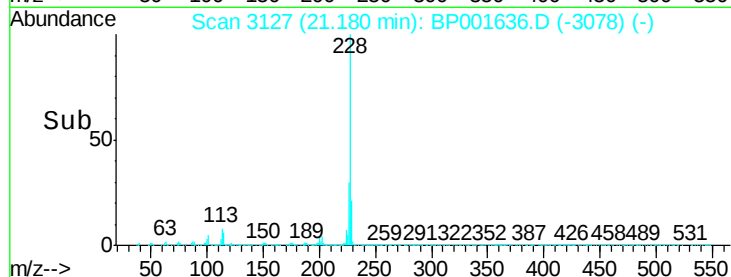
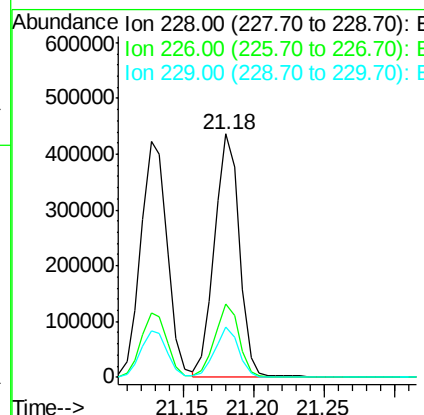
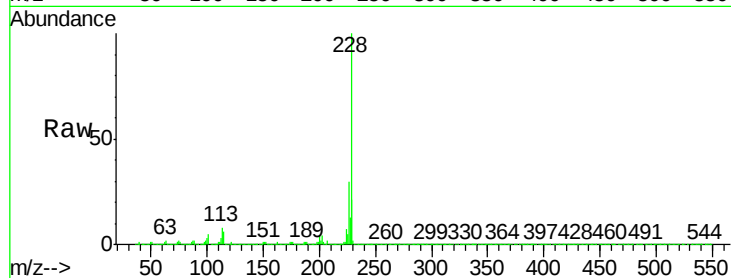
#83
 Chrysene
 Concen: 45.880 ng
 RT: 21.18 min Scan# 3127
 Delta R.T. -0.01 min
 Lab File: BP001636.D
 Acq: 16 Jan 2020 19:50

Instrument :
 BNA_P
 ClientSampleId :
 SB-28-(4-6)MSD

Tot Ion:	228	Resp:	533747
Ion Ratio	Lower	Upper	
228	100		
226	30.1	23.2	34.8
229	20.5	15.2	22.8

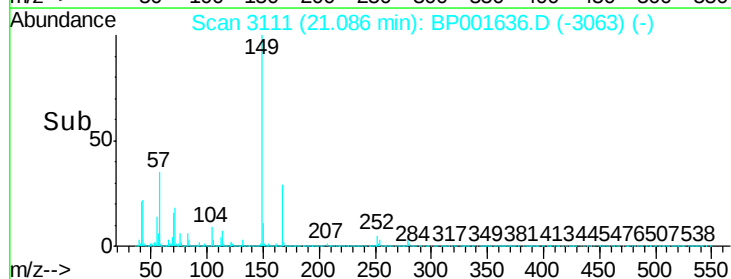
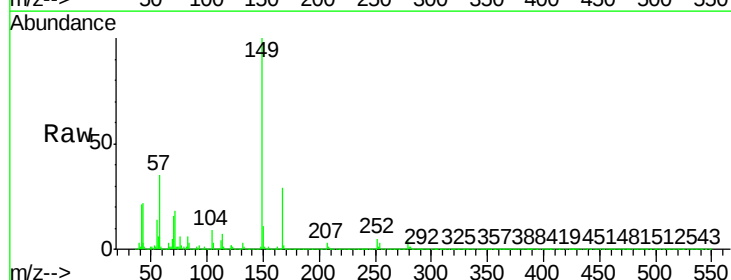
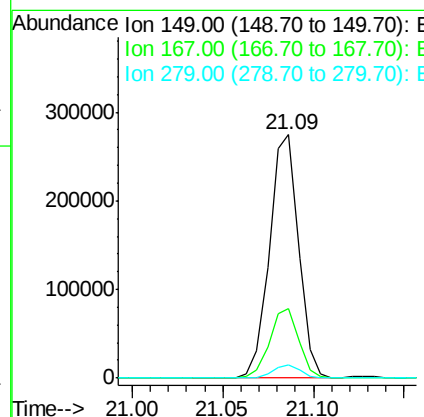
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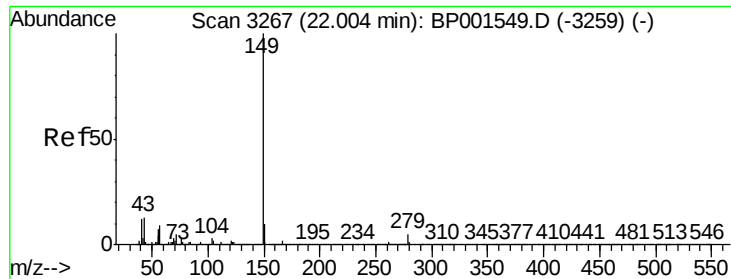
mohammad
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#84
 Bis(2-ethylhexyl)phthalate
 Concen: 46.536 ng
 RT: 21.09 min Scan# 3111
 Delta R.T. -0.02 min
 Lab File: BP001636.D
 Acq: 16 Jan 2020 19:50

Tgt Ion:	149	Resp:	305292
Ion Ratio	Lower	Upper	
149	100		
167	28.7	23.5	35.3
279	5.4	4.0	6.0





#85

Di-n-octyl phthalate

Concen: 48.477 ng

RT: 21.96 min Scan# 3260

Delta R.T. -0.02 min

Lab File: BP001636.D

Acq: 16 Jan 2020 19:50

Instrument :

BNA_P

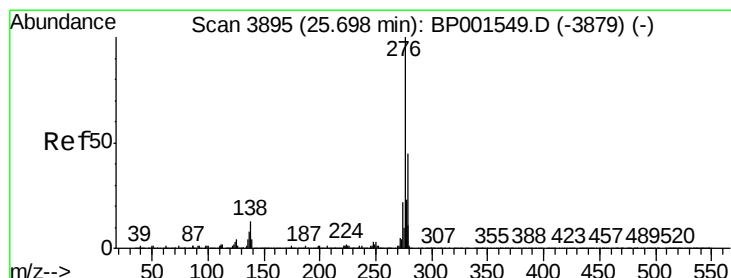
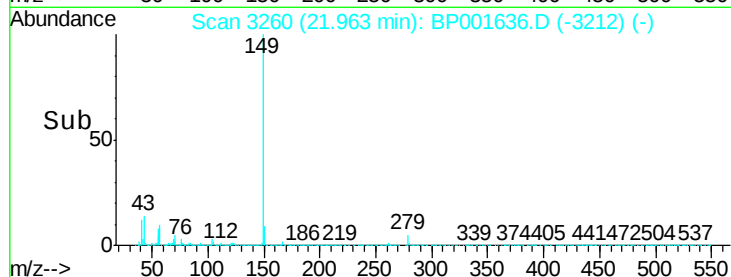
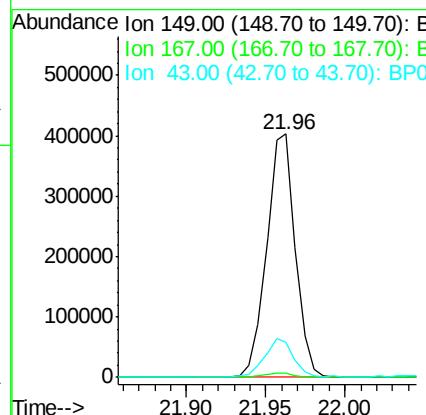
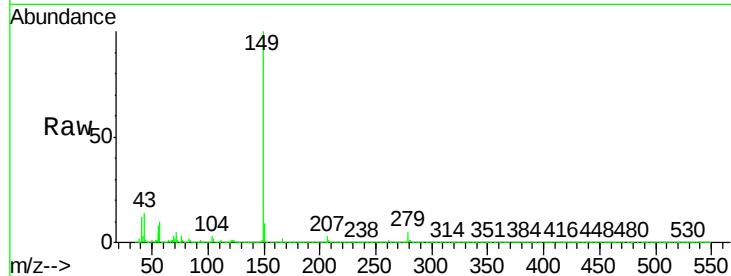
ClientSampleId :

SB-28-(4-6)MSD

Tot Ion:	149	Resp:	507094
Ion Ratio	Lower	Upper	
149	100		
167	1.7	1.4	2.0
43	15.4	10.7	16.1

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#86

Indeno(1,2,3-cd)pyrene

Concen: 42.264 ng

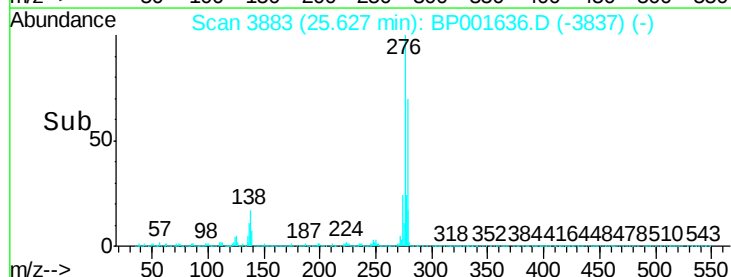
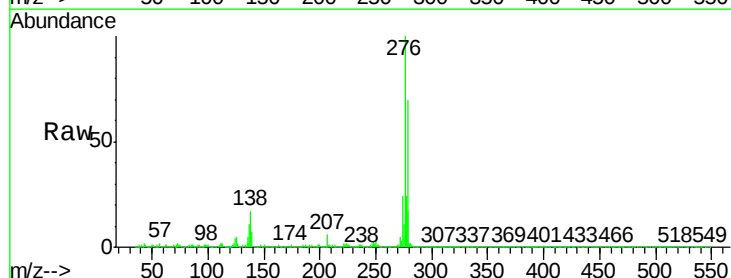
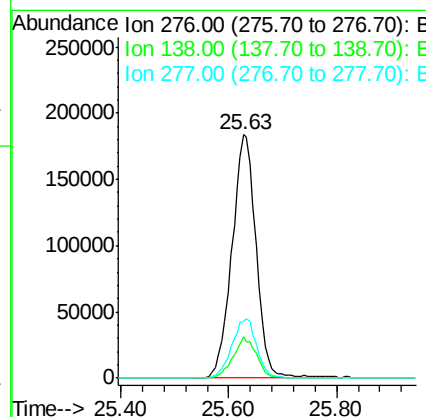
RT: 25.63 min Scan# 3883

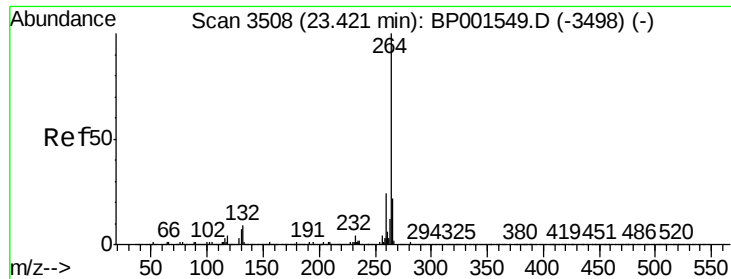
Delta R.T. -0.03 min

Lab File: BP001636.D

Acq: 16 Jan 2020 19:50

Tgt Ion:	276	Resp:	575549
Ion Ratio	Lower	Upper	
276	100		
138	16.3	11.1	16.7
277	24.8	20.4	30.6





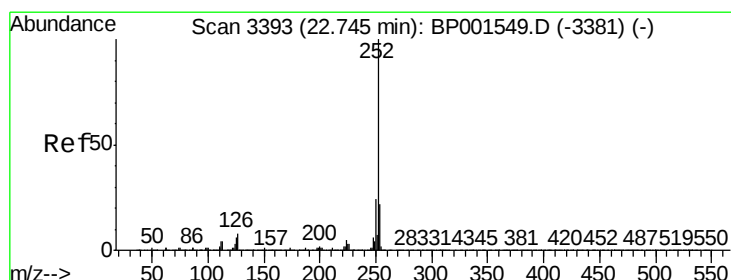
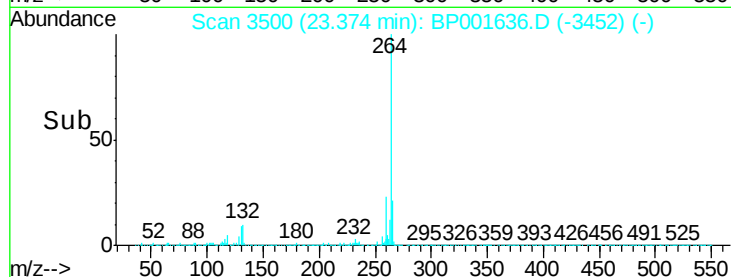
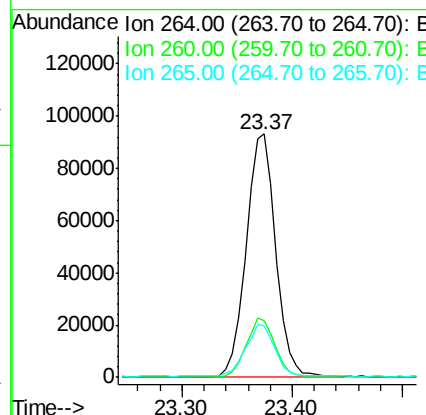
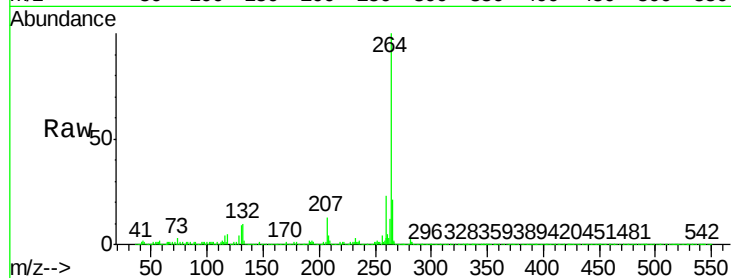
#87
Pervlene-d12
Concen: 20.000 ng
RT: 23.37 min Scan# 3500
Delta R.T. -0.02 min
Lab File: BP001636.D
Acq: 16 Jan 2020 19:50

Instrument :
BNA_P
ClientSampleId :
SB-28-(4-6)MSD

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.1	19.0	28.6
265	21.4	18.2	27.4

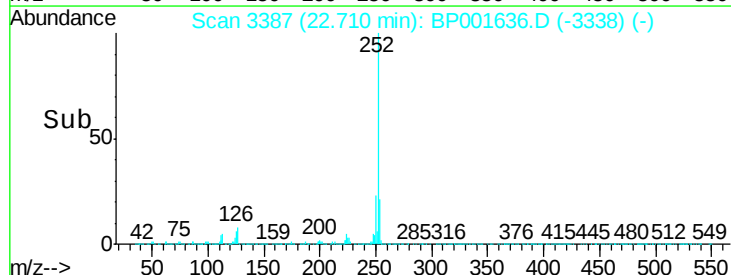
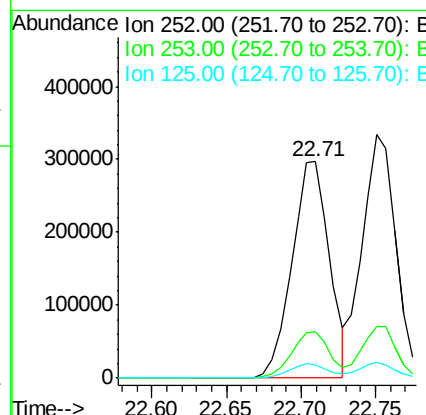
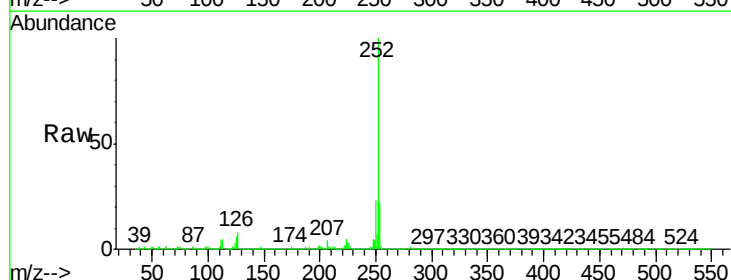
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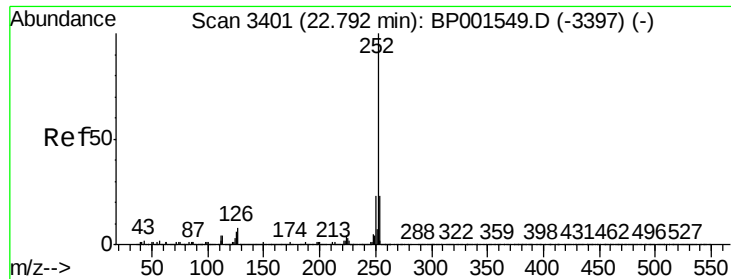
mohammad
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#88
Benzo(b)fluoranthene
Concen: 46.951 ng
RT: 22.71 min Scan# 3387
Delta R.T. -0.01 min
Lab File: BP001636.D
Acq: 16 Jan 2020 19:50

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.5	17.6	26.4
125	6.3	4.6	7.0





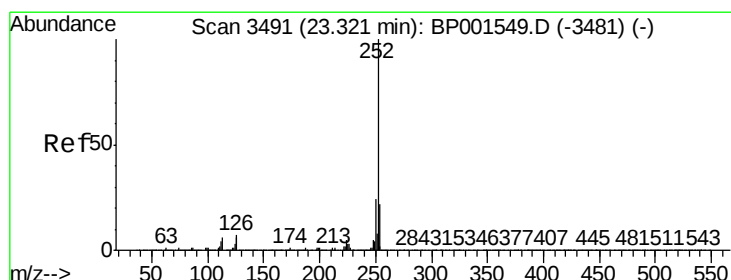
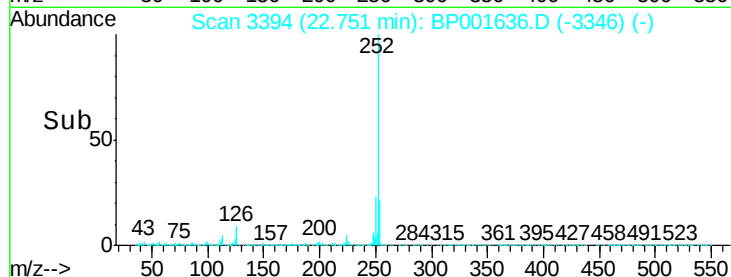
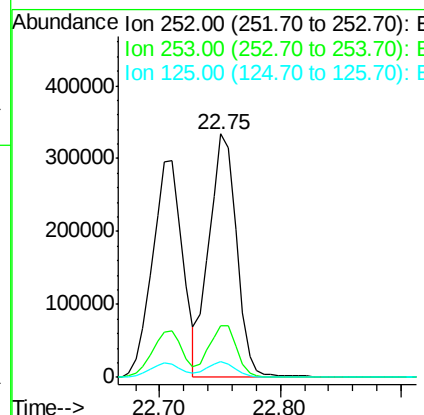
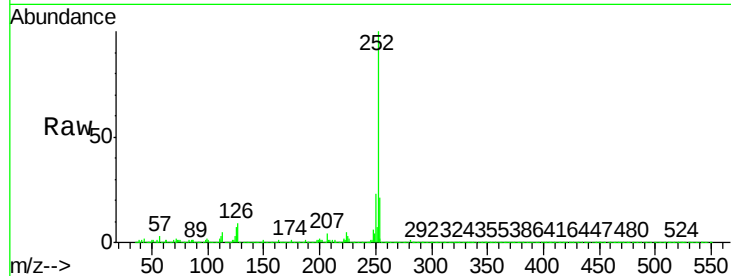
#89
Benzo(k)fluoranthene
Concen: 48.644 ng
RT: 22.75 min Scan# 3394
Delta R.T. -0.02 min
Lab File: BP001636.D
Acq: 16 Jan 2020 19:50

Instrument :
BNA_P
ClientSampleId :
SB-28-(4-6)MSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.4	18.2	27.2
125	6.5	4.6	6.8

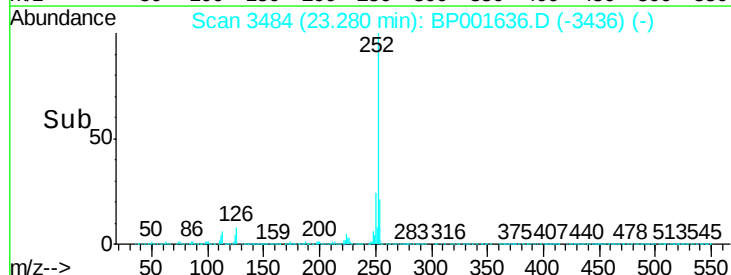
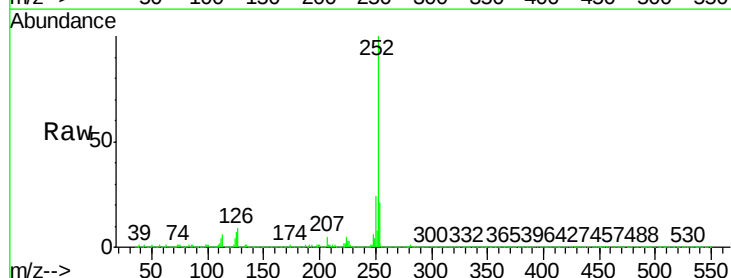
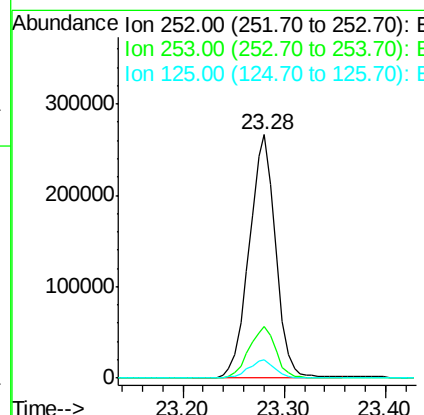
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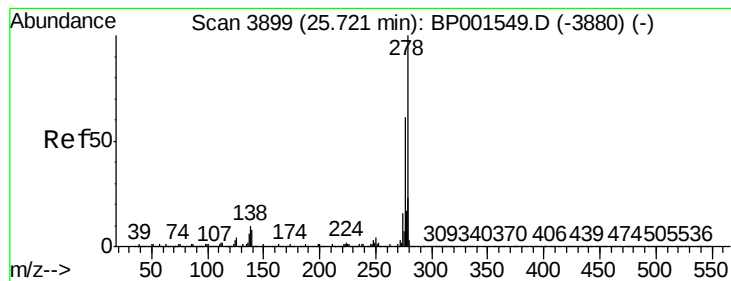
mohammad
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#90
Benzo(a)pyrene
Concen: 45.799 ng
RT: 23.28 min Scan# 3484
Delta R.T. -0.02 min
Lab File: BP001636.D
Acq: 16 Jan 2020 19:50

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.2	17.6	26.4
125	7.3	5.0	7.4





#91

Dibenzo(a,h)anthracene

Concen: 45.200 ng

RT: 25.64 min Scan# 3885

Delta R.T. -0.03 min

Lab File: BP001636.D

Acq: 16 Jan 2020 19:50

Instrument :

BNA_P

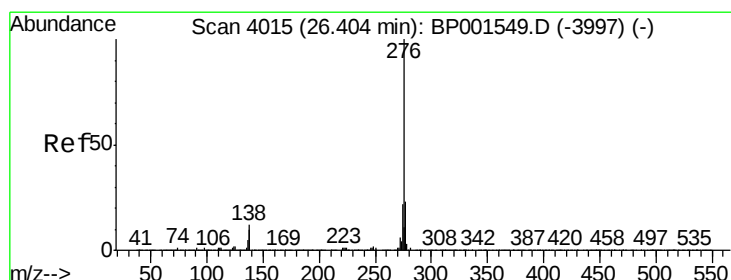
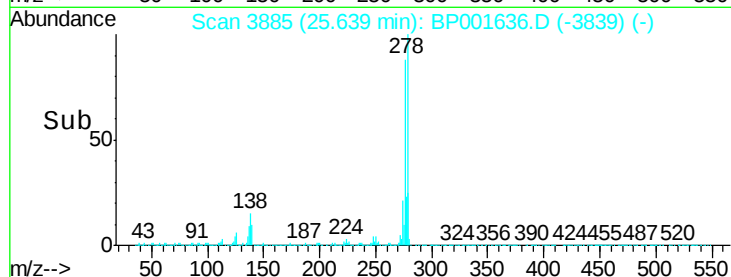
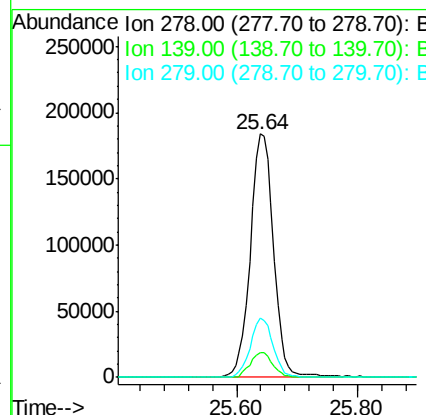
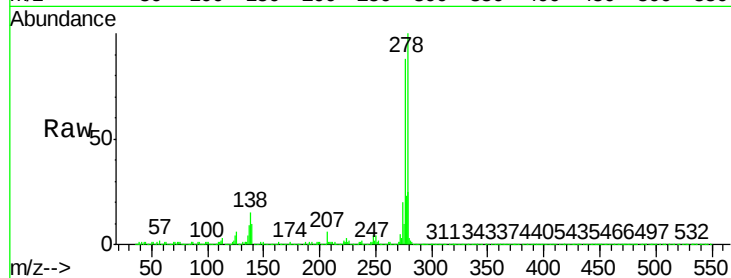
ClientSampleId :

SB-28-(4-6)MSD

Tot Ion	Ratio	Lower	Upper
278	100		
139	10.2	6.7	10.1#
279	24.5	18.6	28.0

Manual Integrations
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#92

Benzo(g,h,i)perylene

Concen: 44.977 ng

RT: 26.32 min Scan# 4000

Delta R.T. -0.02 min

Lab File: BP001636.D

Acq: 16 Jan 2020 19:50

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.2	18.6	28.0
138	13.9	9.4	14.2

