

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP052920\
 Data File : BP002316.D
 Acq On : 29 May 2020 15:46
 Operator : CG/JU
 Sample : PB129148BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB129148BS

Manual Integrations
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mohammad
 6/1/2020 12:24:13 PM

Quant Time: May 29 16:19:50 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP052720.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 29 15:09:03 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.60	152	260482	20.00	ng	0.00
21) Naphthalene-d8	10.38	136	1069864	20.00	ng	0.00
39) Acenaphthene-d10	14.25	164	613448	20.00	ng	0.00
64) Phenanthrene-d10	17.00	188	1254974	20.00	ng	0.00
76) Chrysene-d12	21.11	240	1075417	20.00	ng	0.00
86) Perylene-d12	23.32	264	1240463	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.22	112	1894631	136.61	ng	0.00
7) Phenol-d6	6.79	99	2465594	130.69	ng	0.00
23) Nitrobenzene-d5	8.75	82	1545182	86.83	ng	0.00
42) 2,4,6-Tribromophenol	15.75	330	699359	120.29	ng	0.00
45) 2-Fluorobiphenyl	12.87	172	3023409	86.97	ng	0.00
79) Terphenyl-d14	19.59	244	3903866	87.91	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.18	88	254819	39.954	ng	99
3) Pyridine	3.56	79	654625	35.863	ng	100
4) n-Nitrosodimethylamine	3.48	42	303887	43.221	ng	98
6) Aniline	6.93	93	739243	28.358	ng	99
8) 2-Chlorophenol	7.18	128	710399	44.761	ng	97
9) Benzaldehyde	6.75	77	421598	39.978	ng	99
10) Phenol	6.82	94	919279	44.281	ng	99
11) bis(2-Chloroethyl)ether	7.04	93	709171	41.032	ng	98
12) 1,3-Dichlorobenzene	7.50	146	745064	40.968	ng	99
13) 1,4-Dichlorobenzene	7.64	146	760651	41.646	ng	98
14) 1,2-Dichlorobenzene	7.96	146	714076	40.893	ng	99
15) Benzyl Alcohol	7.84	79	615957	42.966	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.14	45	953499	39.986	ng	100
17) 2-Methylphenol	8.05	107	598672	40.375	ng	98
18) Hexachloroethane	8.68	117	276577	42.311	ng	95
19) n-Nitroso-di-n-propylamine	8.41	70	515913	41.236	ng	99
20) 3+4-Methylphenols	8.38	107	797444	39.577	ng	98
22) Acetophenone	8.42	105	993655	40.679	ng	100
24) Nitrobenzene	8.79	77	790714	40.761	ng	100
25) Isophorone	9.32	82	1456510	39.853	ng	99
26) 2-Nitrophenol	9.50	139	358738	43.406	ng	98
27) 2,4-Dimethylphenol	9.58	122	638059	46.888	ng	100
28) bis(2-Chloroethoxy)methane	9.80	93	911852	41.002	ng	100
29) 2,4-Dichlorophenol	10.03	162	643074	42.884	ng	98
30) 1,2,4-Trichlorobenzene	10.25	180	682482	40.415	ng	98
31) Naphthalene	10.43	128	2043745	40.733	ng	100
32) Benzoic acid	9.71	122	367246	36.085	ng	97
33) 4-Chloroaniline	10.53	127	264298	11.992	ng	99
34) Hexachlorobutadiene	10.73	225	377434	38.323	ng	99
35) Caprolactam	11.29	113	216899	41.759	ng	98
36) 4-Chloro-3-methylphenol	11.68	107	684389	42.378	ng	98
37) 2-Methylnaphthalene	12.05	142	1438980	40.903	ng	99
38) 1-Methylnaphthalene	12.27	142	1363292	40.822	ng	97
40) 1,2,4,5-Tetrachlorobenzene	12.43	216	673469	41.312	ng	99

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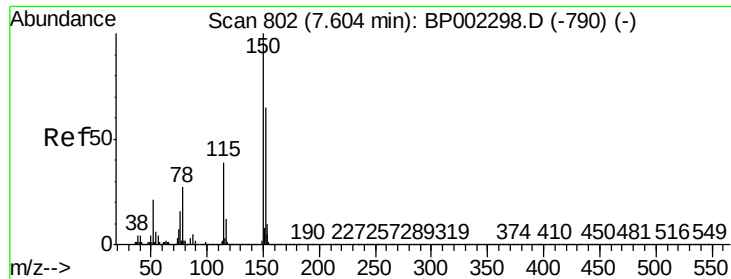
Manual Integrations
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 Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP052720.M
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.42	237	861279	99.371	nq	100
43) 2,4,6-Trichlorophenol	12.67	196	480015	42.526	nq	98
44) 2,4,5-Trichlorophenol	12.74	196	519734	39.678	nq	99
46) 1,1'-Biphenyl	13.08	154	1760969	43.807	nq	100
47) 2-Chloronaphthalene	13.12	162	1366583	41.205	nq	99
48) 2-Nitroaniline	13.32	65	428757	42.041	nq	96
49) Acenaphthylene	13.97	152	2232489	42.482	nq	100
50) Dimethylphthalate	13.72	163	1675668	40.355	nq	100
51) 2,6-Dinitrotoluene	13.82	165	371314	41.205	nq	99
52) Acenaphthene	14.32	154	1516304m	44.851	nq	
53) 3-Nitroaniline	14.15	138	173128	16.792	nq	97
54) 2,4-Dinitrophenol	14.36	184	405536	89.061	nq	96
55) Dibenzofuran	14.65	168	2043921	40.888	nq	99
56) 4-Nitrophenol	14.47	139	696560	85.479	nq	98
57) 2,4-Dinitrotoluene	14.62	165	498869	41.188	nq	93
58) Fluorene	15.30	166	1482723	39.993	nq	97
59) 2,3,4,6-Tetrachlorophenol	14.89	232	446432	42.791	nq	94
60) Diethylphthalate	15.10	149	1640424	39.950	nq	99
61) 4-Chlorophenyl-phenylether	15.31	204	747477	38.206	nq	99
62) 4-Nitroaniline	15.32	138	352798	36.965	nq	97
63) Azobenzene	15.60	77	1734088	41.184	nq	99
65) 4,6-Dinitro-2-methylphenol	15.39	198	281943	45.430	nq	99
66) n-Nitrosodiphenylamine	15.52	169	1410707	42.811	nq	99
67) 4-Bromophenyl-phenylether	16.20	248	483825	39.229	nq	99
68) Hexachlorobenzene	16.32	284	534386	41.011	nq	99
69) Atrazine	16.49	200	443744	42.212	nq	98
70) Pentachlorophenol	16.66	266	658291	82.816	nq	96
71) Phenanthrene	17.05	178	2518701	42.371	nq	99
72) Anthracene	17.14	178	2564800	43.849	nq	100
73) Carbazole	17.41	167	2347609	41.044	nq	98
74) Di-n-butylphthalate	18.00	149	2770563	42.575	nq	99
75) Fluoranthene	19.03	202	2851126	41.642	nq	99
77) Benzidine	19.22	184	1173578	53.737	nq	99
78) Pyrene	19.38	202	2977491	44.463	nq	100
80) Butylbenzylphthalate	20.28	149	1229941	46.132	nq	94
81) Benzo(a)anthracene	21.09	228	2631154	42.741	nq	99
82) 3,3'-Dichlorobenzidine	21.03	252	597042	27.682	nq	98
83) Chrysene	21.15	228	2534996	42.907	nq	100
84) Bis(2-ethylhexyl)phthalate	21.06	149	1806566	44.343	nq	98
85) Di-n-octyl phthalate	21.92	149	3144134	46.433	nq	98
87) Indeno(1,2,3-cd)pyrene	25.54	276	3482336	45.354	nq	# 95
88) Benzo(b)fluoranthene	22.66	252	2870551m	42.445	nq	
89) Benzo(k)fluoranthene	22.70	252	2654326	40.900	nq	99
90) Benzo(a)pyrene	23.22	252	2615044	41.684	nq	98
91) Dibenzo(a,h)anthracene	25.56	278	2865019	45.766	nq	# 95
92) Benzo(g,h,i)perylene	26.22	276	3022515	47.332	nq	# 96

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



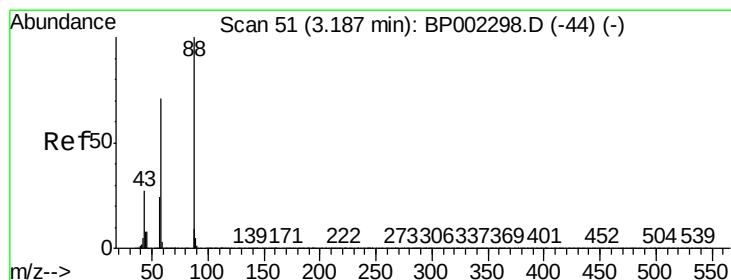
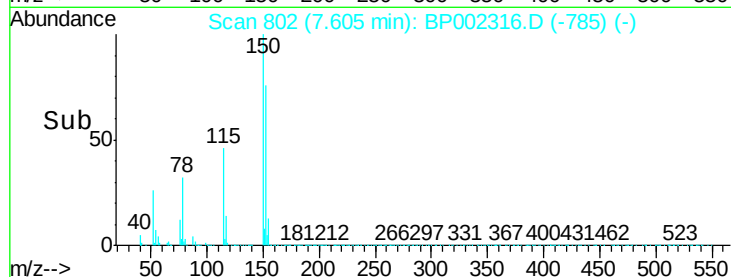
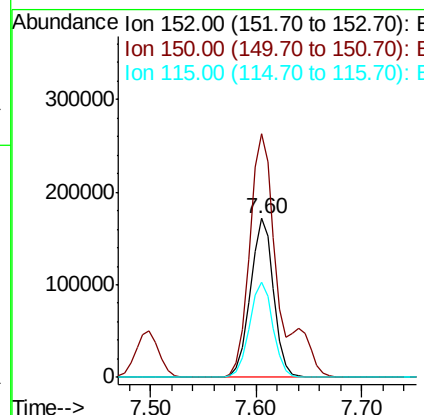
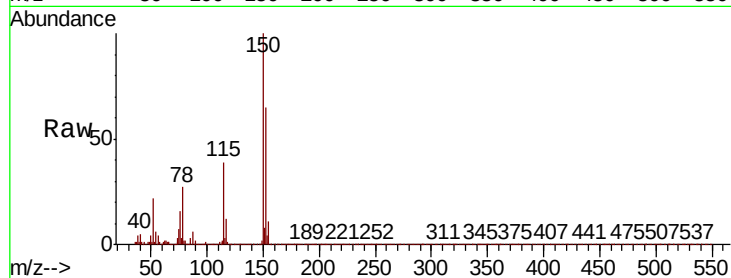
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1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.60 min Scan# 802
Delta R.T. 0.00 min
Lab File: BP002316.D
Acq: 29 May 2020 15:46

Instrument :
BNA_P
ClientSampleId :
PB129148BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	153.3	124.7	187.1
115	60.2	49.4	74.2

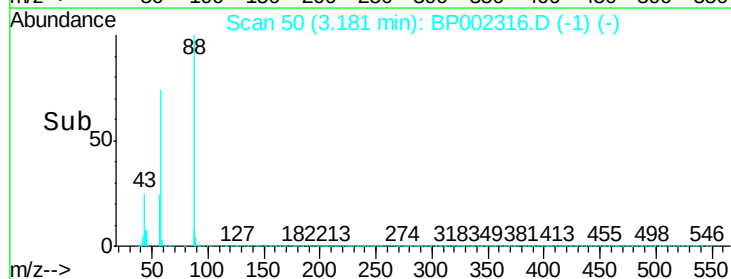
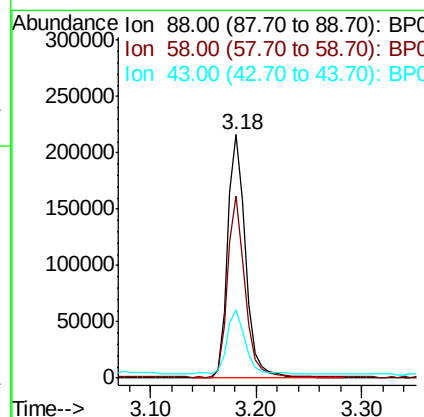
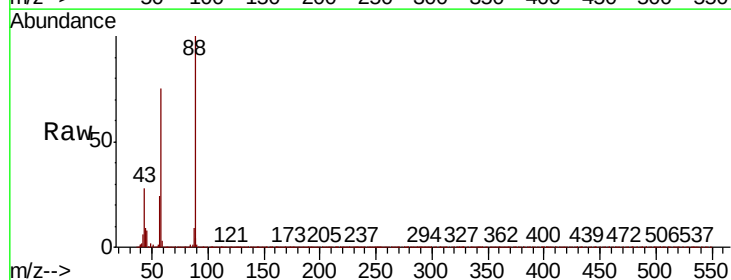
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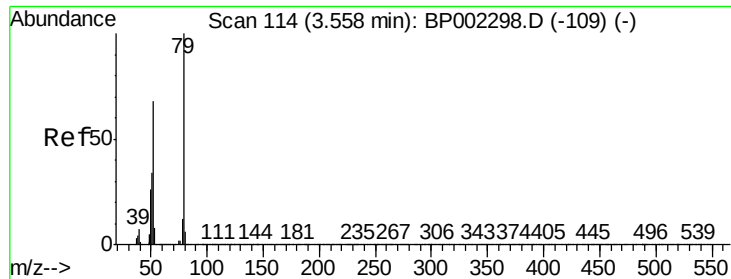
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#2
1,4-Dioxane
Concen: 39.954 ng
RT: 3.18 min Scan# 50
Delta R.T. 0.00 min
Lab File: BP002316.D
Acq: 29 May 2020 15:46

Tgt Ion	Ratio	Lower	Upper
88	100		
58	72.7	57.3	85.9
43	27.9	21.6	32.4





#3

Pvridine

Concen: 35.863 ng

RT: 3.56 min Scan# 114

Delta R.T. 0.00 min

Lab File: BP002316.D

Acq: 29 May 2020 15:46

Instrument :

BNA_P

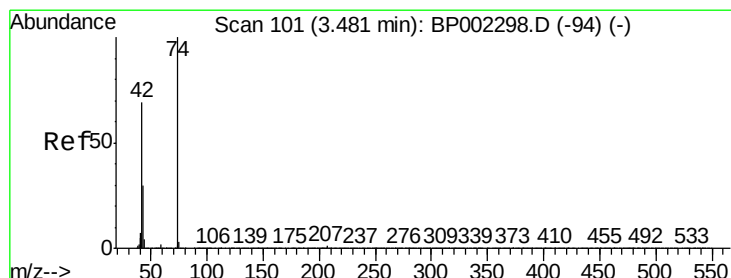
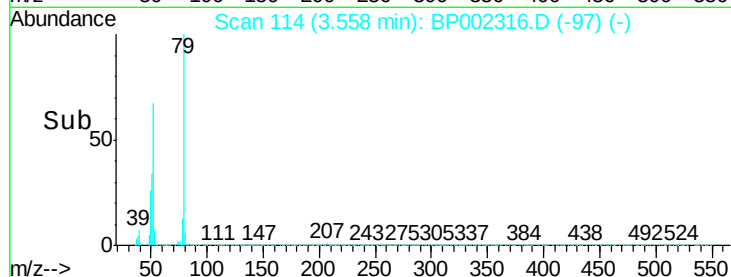
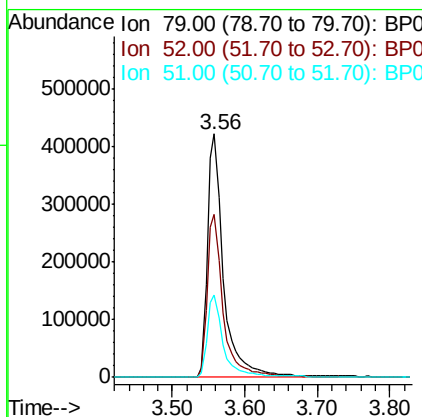
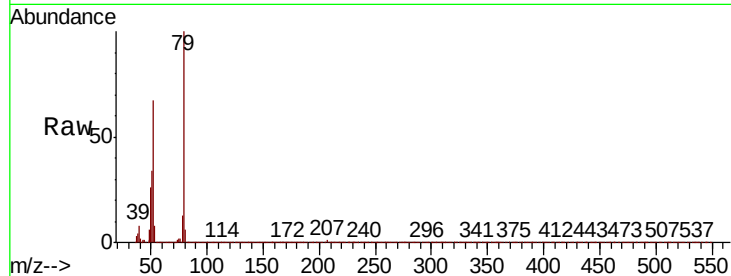
ClientSampled :

PB129148BS

Tot Ion:	79	Resp:	654625
Ion Ratio	Lower	Upper	
79	100		
52	66.9	53.4	80.2
51	33.8	27.0	40.6

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#4

n-Nitrosodimethylamine

Concen: 43.221 ng

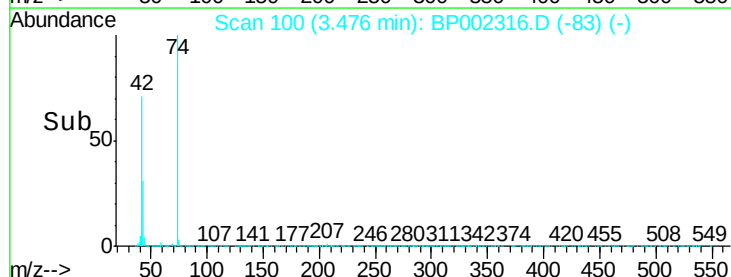
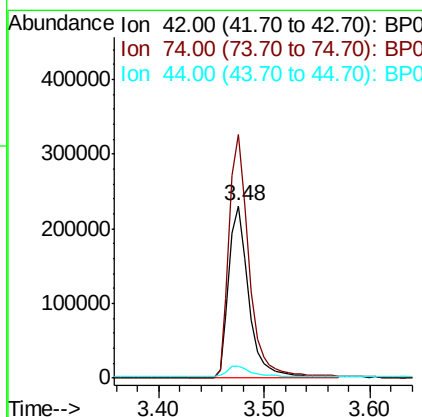
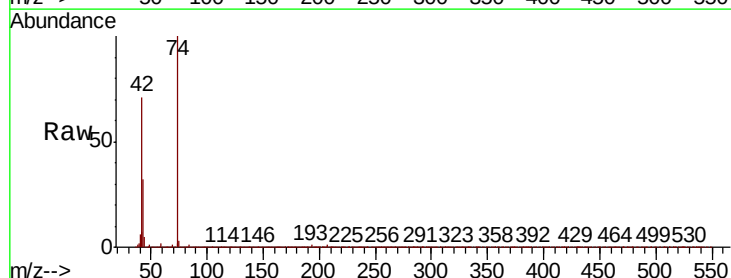
RT: 3.48 min Scan# 100

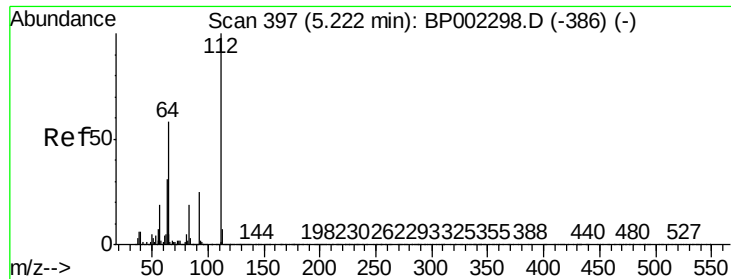
Delta R.T. 0.00 min

Lab File: BP002316.D

Acq: 29 May 2020 15:46

Tgt Ion:	42	Resp:	303887
Ion Ratio	Lower	Upper	
42	100		
74	141.4	114.6	171.8
44	7.1	6.2	9.2





#5

2-Fluorophenol

Concen: 136.607 ng

RT: 5.22 min Scan# 397

Delta R.T. 0.00 min

Lab File: BP002316.D

Acq: 29 May 2020 15:46

Instrument :

BNA_P

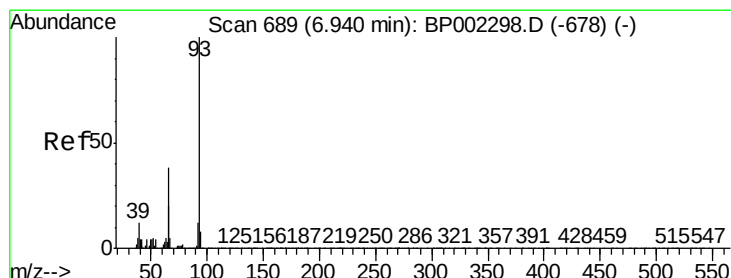
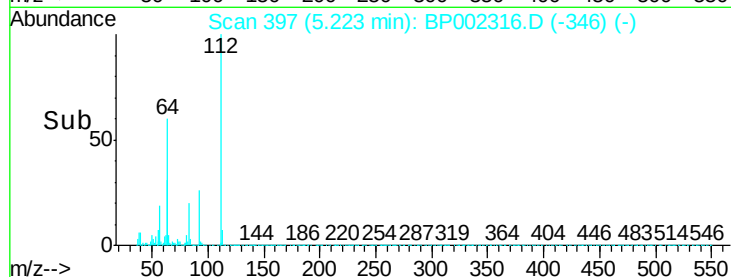
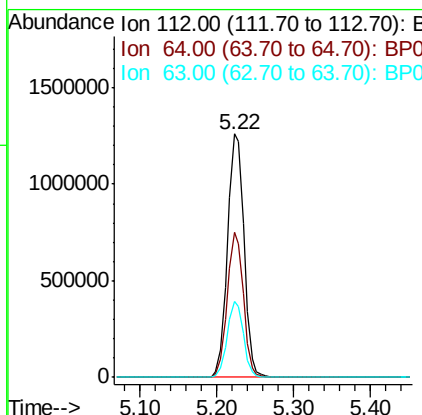
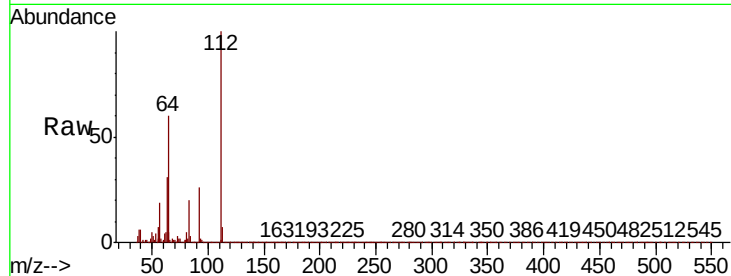
ClientSampleId :

PB129148BS

Tot Ion:	112	Resp:	1894631
Ion Ratio	Lower	Upper	
112	100		
64	59.6	47.0	70.4
63	31.3	24.0	36.0

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#6

Aniline

Concen: 28.358 ng

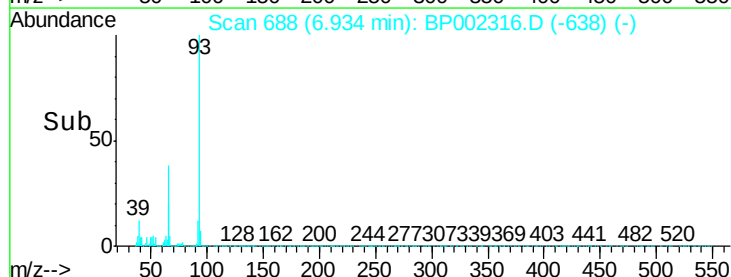
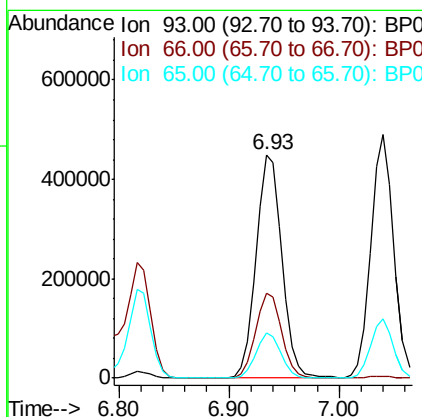
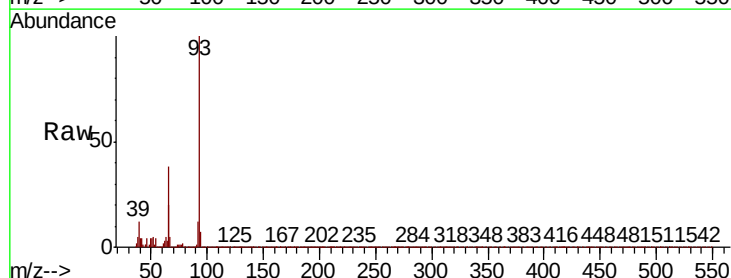
RT: 6.93 min Scan# 688

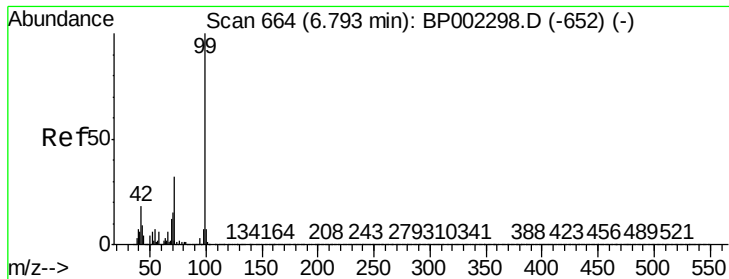
Delta R.T. -0.01 min

Lab File: BP002316.D

Acq: 29 May 2020 15:46

Tgt Ion:	93	Resp:	739243
Ion Ratio	Lower	Upper	
93	100		
66	38.1	31.0	46.6
65	20.3	15.7	23.5





#7

Phenol-d6

Concen: 130.685 ng

RT: 6.79 min Scan# 664

Delta R.T. 0.00 min

Lab File: BP002316.D

Acq: 29 May 2020 15:46

Instrument :

BNA_P

ClientSampleId :

PB129148BS

Tot Ion: 99 Resp: 2465594

Ion Ratio Lower Upper

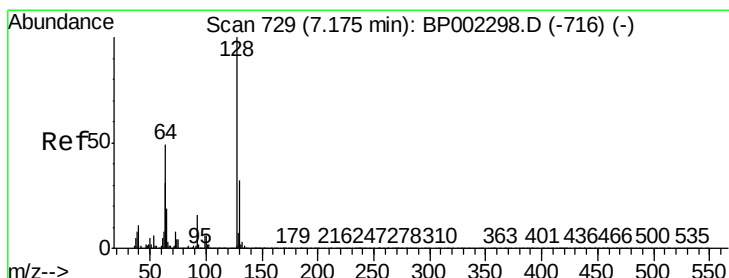
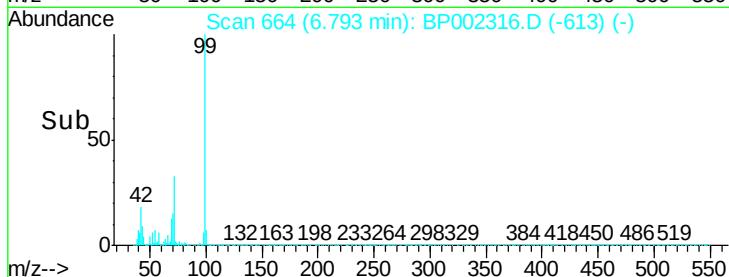
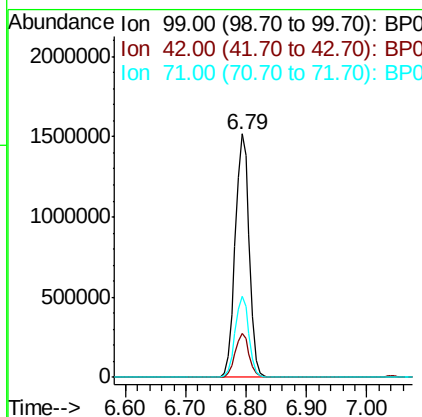
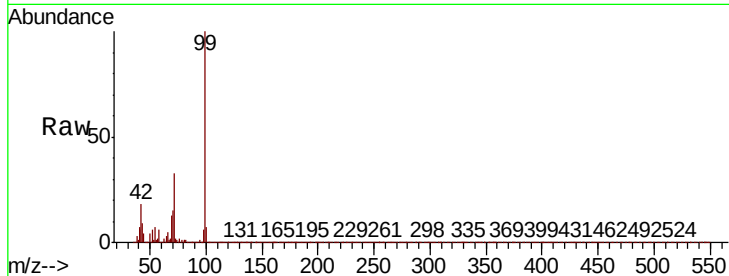
99 100

42 18.2 13.9 20.9

71 33.4 25.8 38.8

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#8

2-Chlorophenol

Concen: 44.761 ng

RT: 7.18 min Scan# 729

Delta R.T. 0.00 min

Lab File: BP002316.D

Acq: 29 May 2020 15:46

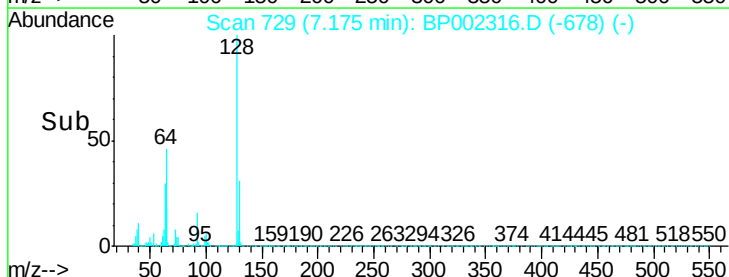
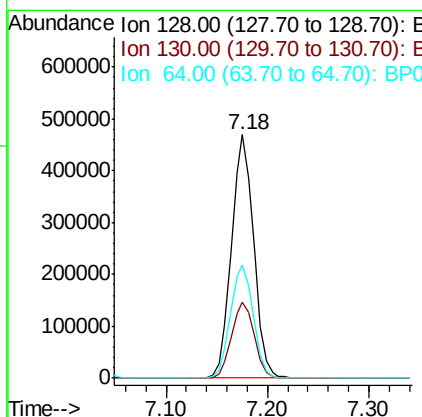
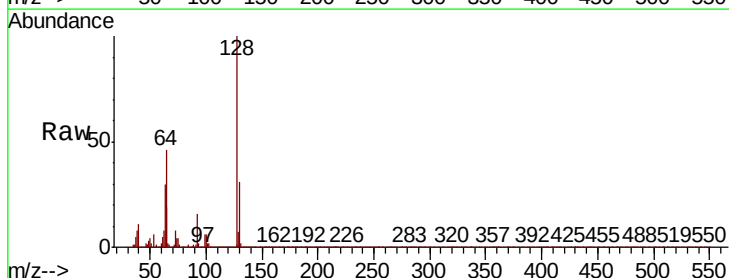
Tgt Ion: 128 Resp: 710399

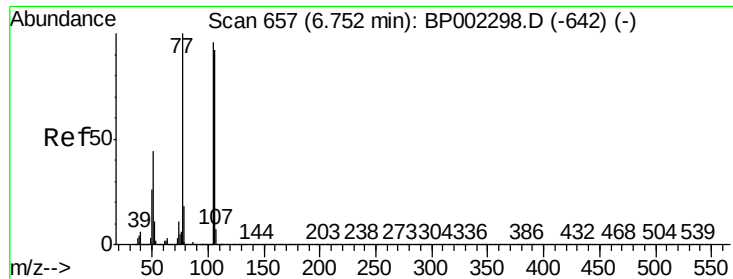
Ion Ratio Lower Upper

128 100

130 31.1 12.0 52.0

64 46.5 28.8 68.8





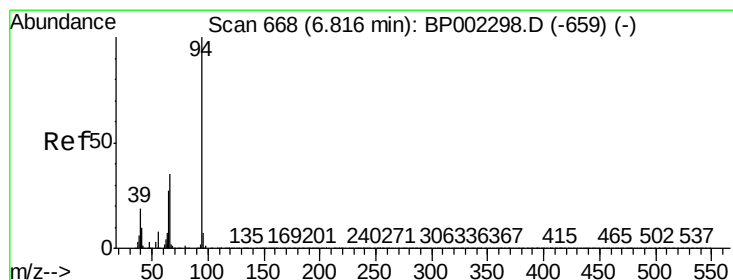
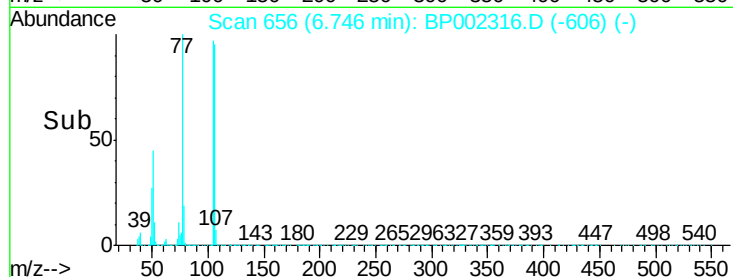
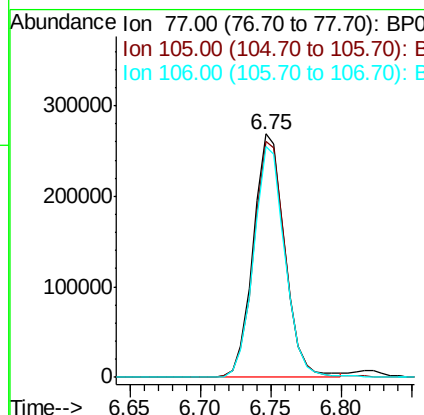
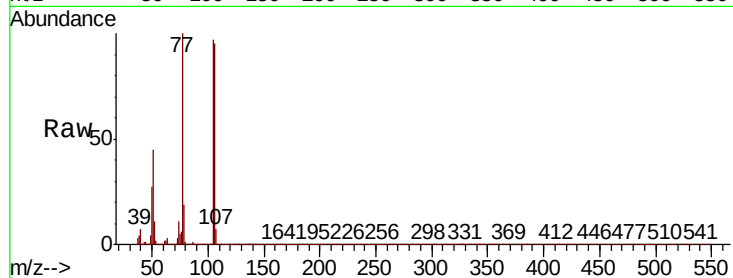
#9
Benzaldehyde
Concen: 39.978 ng
RT: 6.75 min Scan# 656
Delta R.T. -0.01 min
Lab File: BP002316.D
Acq: 29 May 2020 15:46

Instrument :
BNA_P
ClientSampleId :
PB129148BS

Tot Ion	Ion	Ratio	Lower	Upper
77	77	100		
105	105	96.7	77.5	117.5
106	106	95.0	75.6	115.6

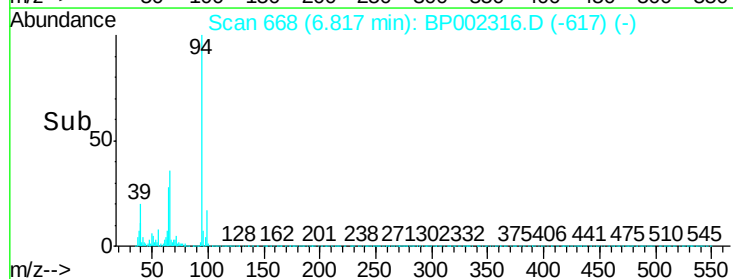
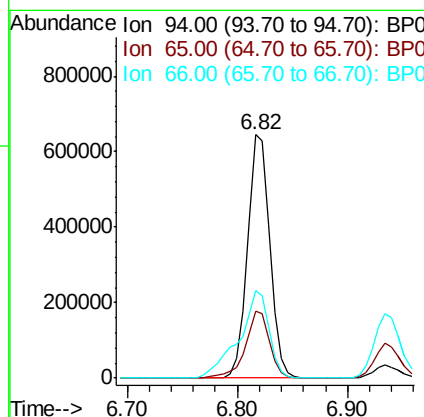
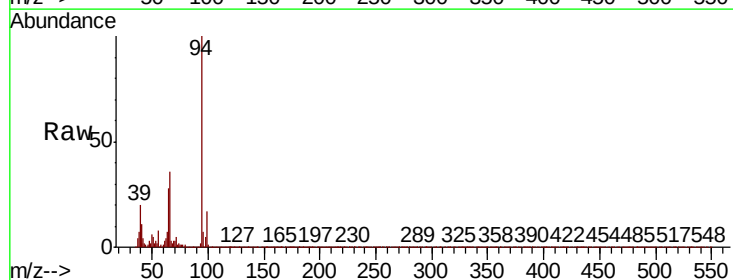
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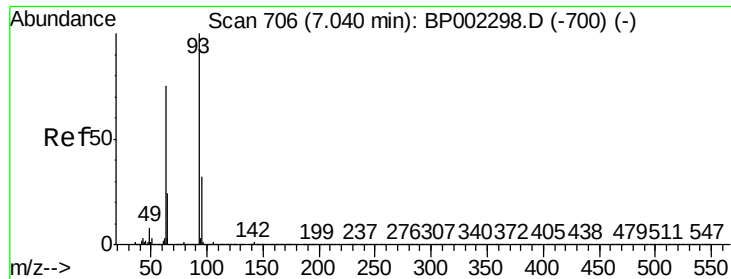
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#10
Phenol
Concen: 44.281 ng
RT: 6.82 min Scan# 668
Delta R.T. 0.00 min
Lab File: BP002316.D
Acq: 29 May 2020 15:46

Tgt Ion	Ion	Ratio	Lower	Upper
94	94	100		
65	65	27.5	7.2	47.2
66	66	35.9	16.2	56.2





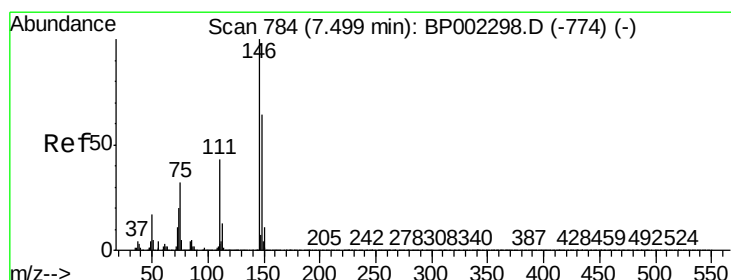
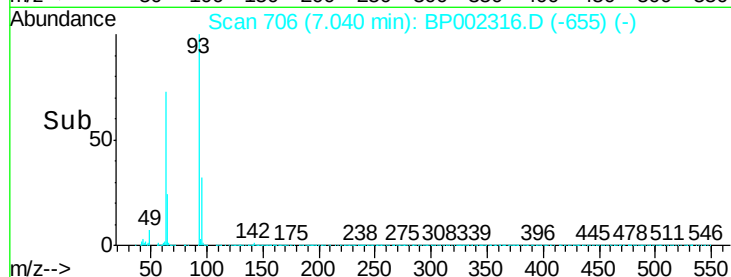
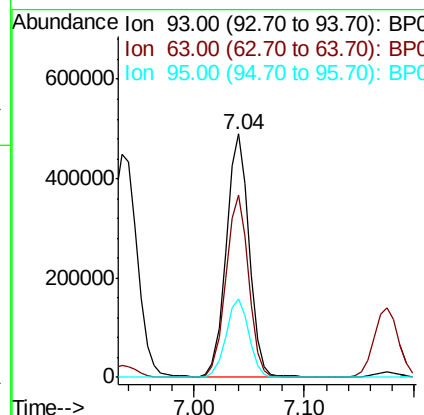
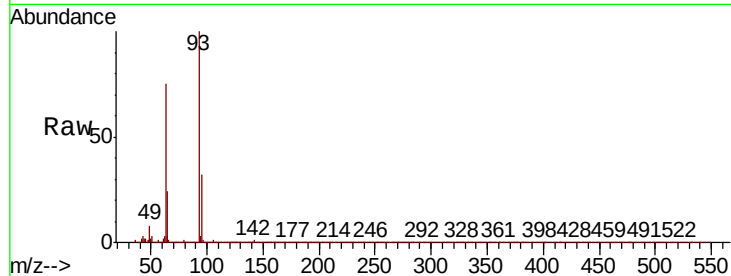
#11
bis(2-Chloroethyl)ether
Concen: 41.032 ng
RT: 7.04 min Scan# 706
Delta R.T. 0.00 min
Lab File: BP002316.D
Acq: 29 May 2020 15:46

Instrument :
BNA_P
ClientSampleId :
PB129148BS

Tot Ion	93	Resp	709171
Ion Ratio	Lower	Upper	
93	100		
63	74.6	56.7	96.7
95	32.2	13.4	53.4

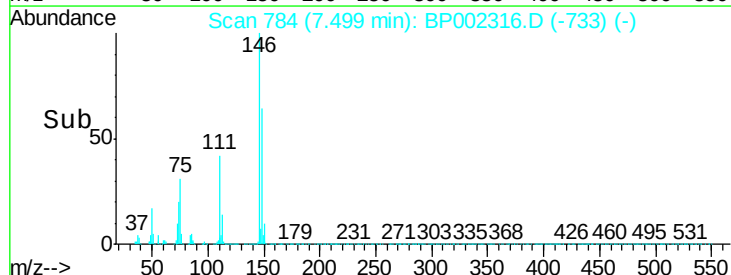
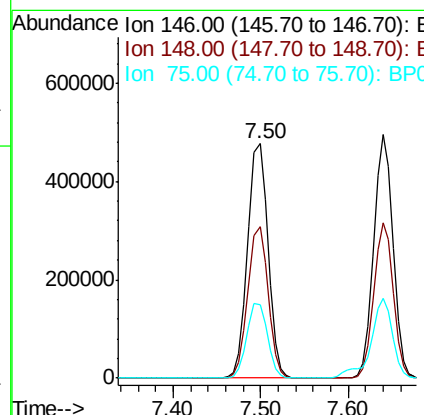
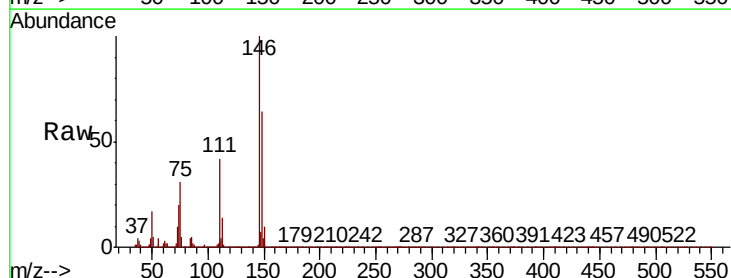
Manual Integrations
APPROVED

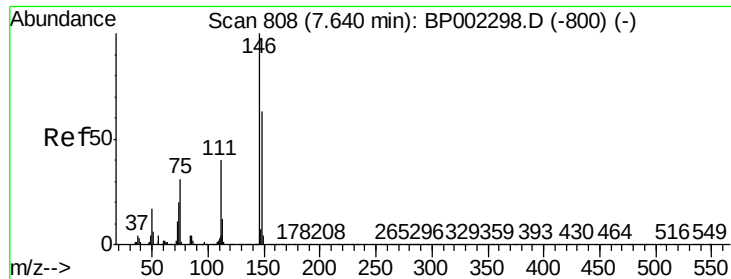
mohammad
6/1/2020 12:24:13 PM



#12
1,3-Dichlorobenzene
Concen: 40.968 ng
RT: 7.50 min Scan# 784
Delta R.T. 0.00 min
Lab File: BP002316.D
Acq: 29 May 2020 15:46

Tgt Ion	146	Resp	745064
Ion Ratio	Lower	Upper	
146	100		
148	64.4	50.8	76.2
75	31.3	25.0	37.4





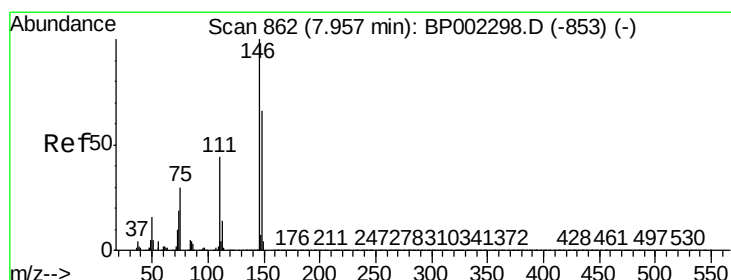
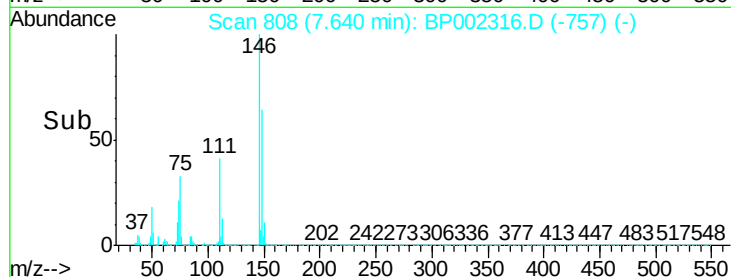
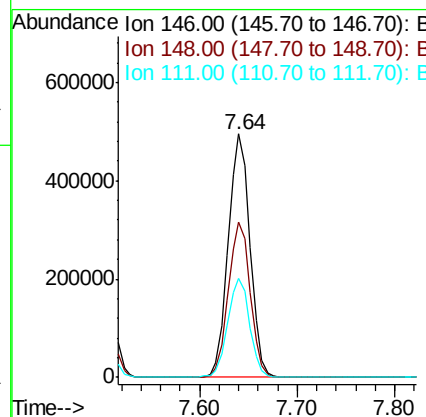
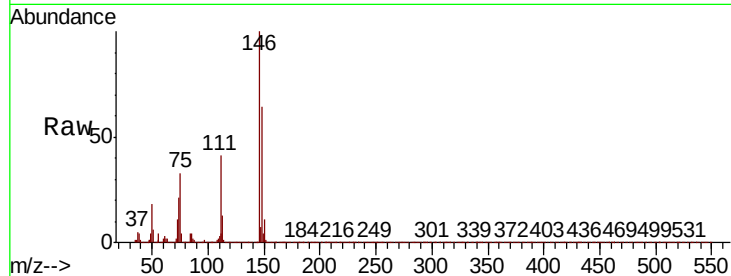
#13
1,4-Dichlorobenzene
Concen: 41.646 ng
RT: 7.64 min Scan# 808
Delta R.T. 0.00 min
Lab File: BP002316.D
Acq: 29 May 2020 15:46

Instrument :
BNA_P
ClientSampleId :
PB129148BS

Tot Ion	Ratio	Lower	Upper
146	100		
148	63.9	49.5	74.3
111	40.9	32.6	48.8

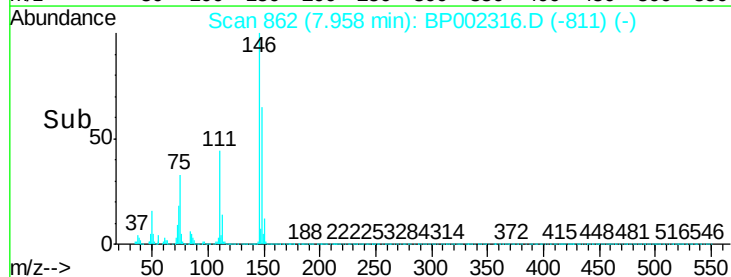
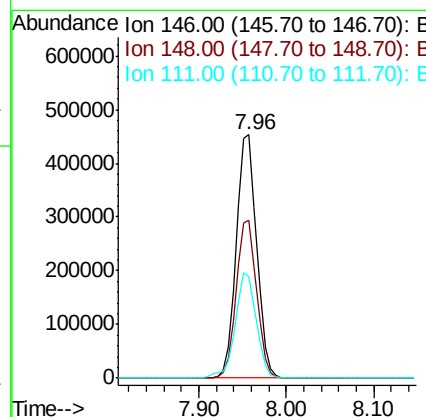
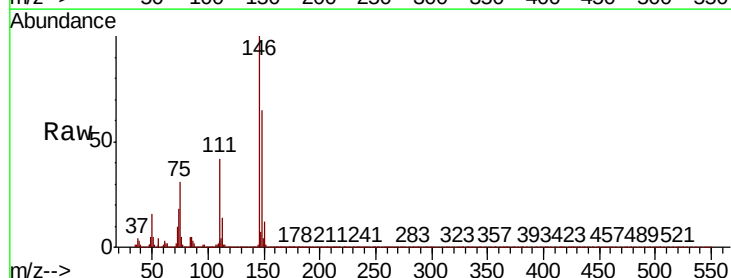
Manual Integrations
APPROVED

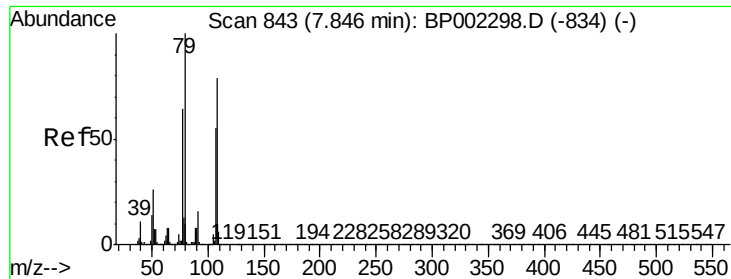
mohammad
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#14
1,2-Dichlorobenzene
Concen: 40.893 ng
RT: 7.96 min Scan# 862
Delta R.T. 0.00 min
Lab File: BP002316.D
Acq: 29 May 2020 15:46

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.7	51.2	76.8
111	41.9	32.8	49.2





#15

Benzyl Alcohol

Concen: 42.966 ng

RT: 7.84 min Scan# 842

Delta R.T. -0.01 min

Lab File: BP002316.D

Acq: 29 May 2020 15:46

Instrument :

BNA_P

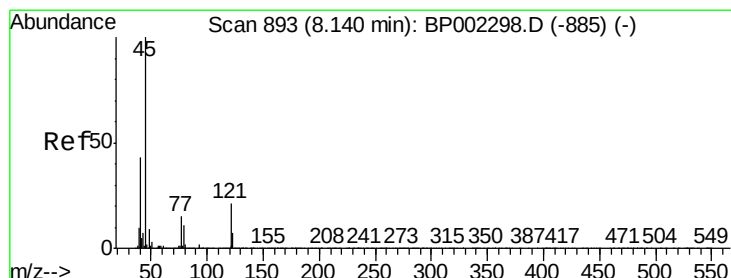
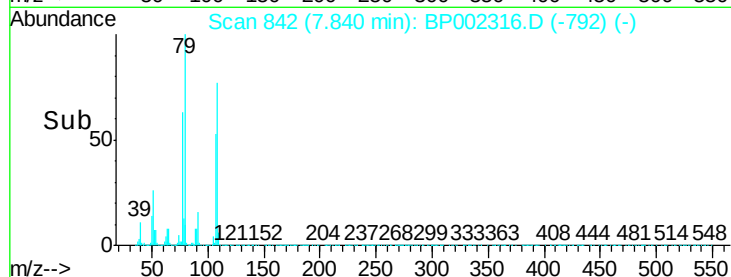
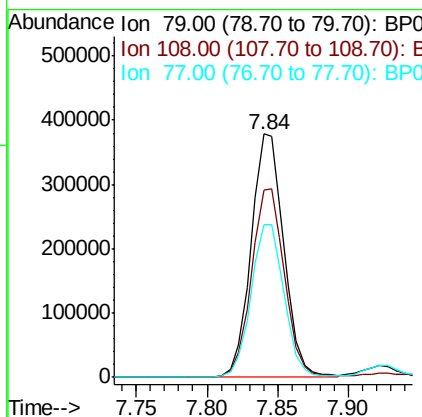
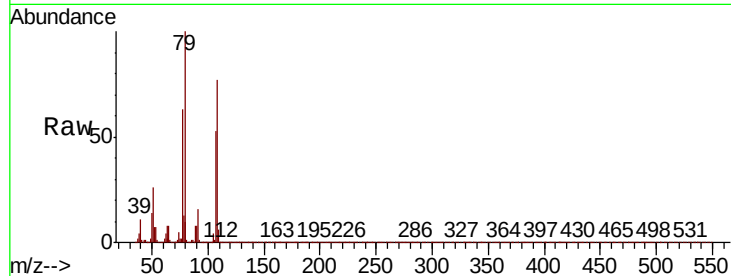
ClientSampleID :

PB129148BS

Tot Ion:	79	Resp:	615957
Ion Ratio	Lower	Upper	
79	100		
108	76.7	62.4	93.6
77	62.7	52.1	78.1

Manual Integrations
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#16

2,2'-oxybis(1-Chloropropane)

Concen: 39.986 ng

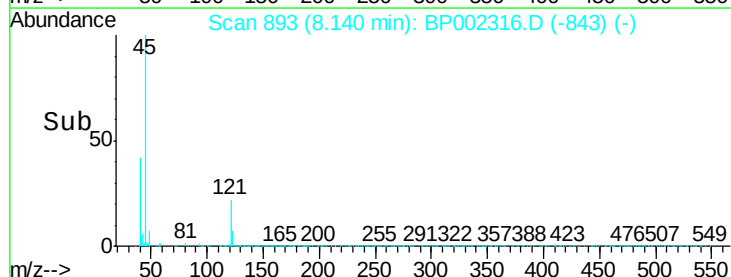
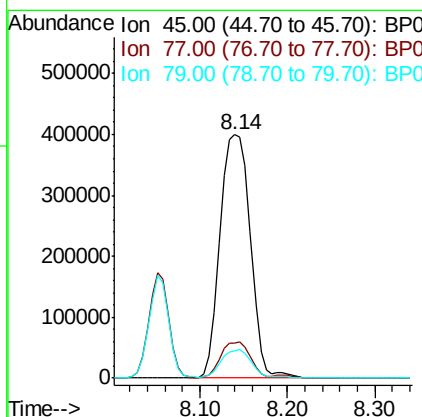
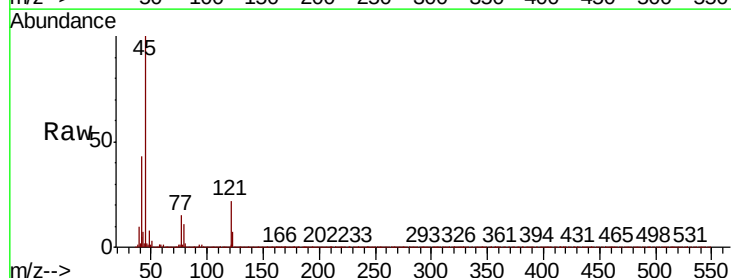
RT: 8.14 min Scan# 893

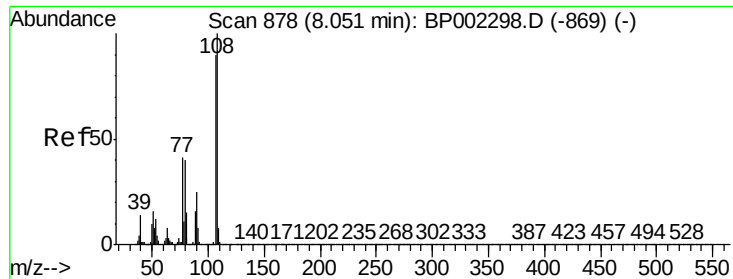
Delta R.T. -0.01 min

Lab File: BP002316.D

Acq: 29 May 2020 15:46

Tgt Ion:	45	Resp:	953499
Ion Ratio	Lower	Upper	
45	100		
77	14.6	0.0	34.7
79	11.1	0.0	31.1





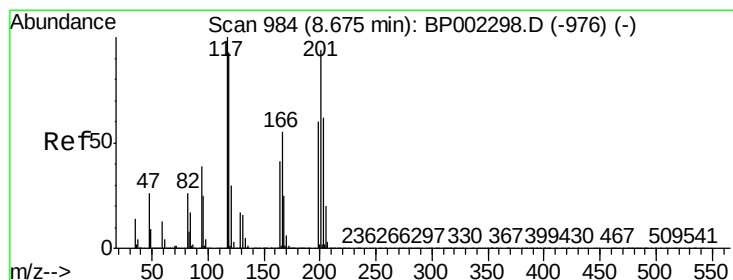
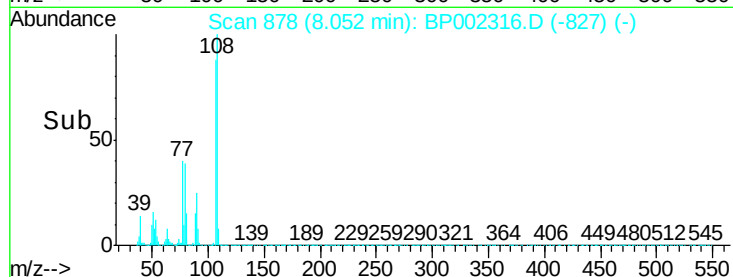
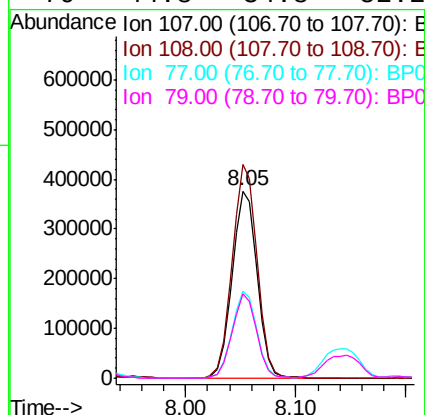
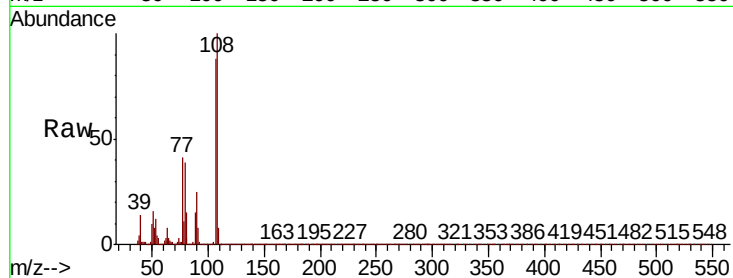
#17
2-Methylphenol
Concen: 40.375 ng
RT: 8.05 min Scan# 878
Delta R.T. 0.00 min
Lab File: BP002316.D
Acq: 29 May 2020 15:46

Instrument :
BNA_P
ClientSampleId :
PB129148BS

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	114.1	89.0	133.4	
77	46.2	37.0	55.4	
79	44.8	34.8	52.2	

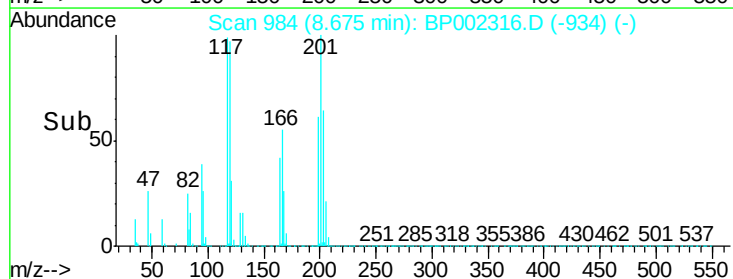
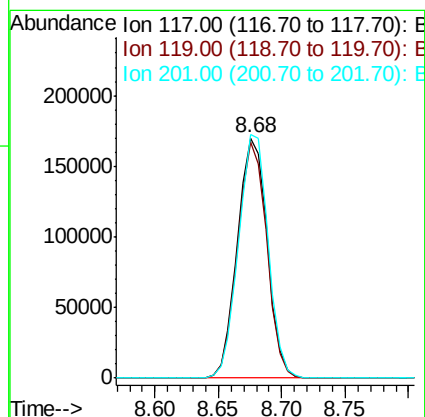
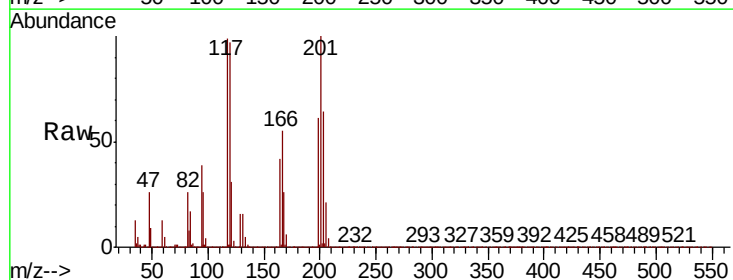
Manual Integrations
APPROVED

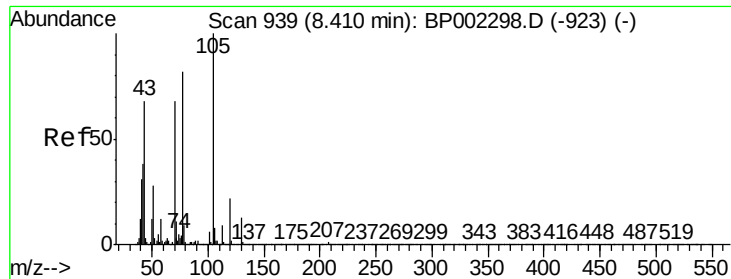
mohammad
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#18
Hexachloroethane
Concen: 42.311 ng
RT: 8.68 min Scan# 984
Delta R.T. -0.01 min
Lab File: BP002316.D
Acq: 29 May 2020 15:46

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	98.0	76.0	114.0	
201	101.3	76.0	114.0	





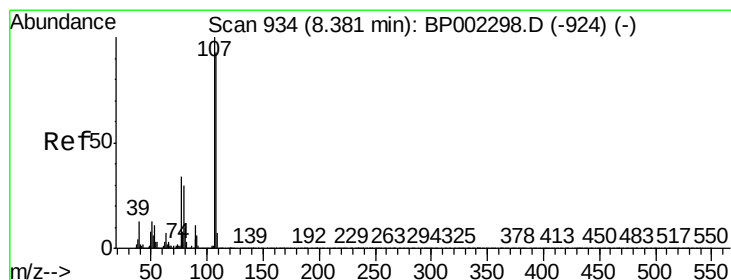
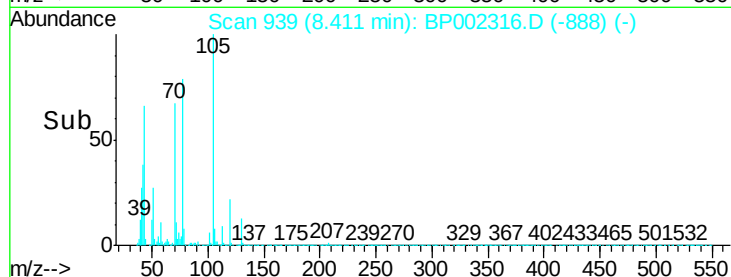
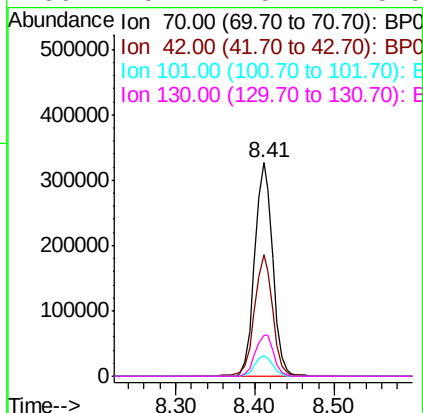
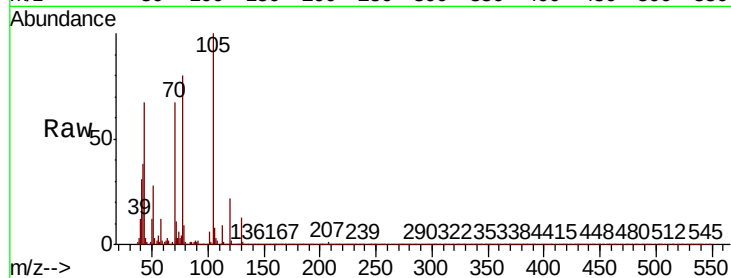
#19
n-Nitroso-di-n-propylamine
Concen: 41.236 ng
RT: 8.41 min Scan# 939
Delta R.T. 0.00 min
Lab File: BP002316.D
Acq: 29 May 2020 15:46

Instrument :
BNA_P
ClientSampleId :
PB129148BS

Tot Ion	Ratio	Lower	Upper
70	100		
42	56.8	44.2	66.4
101	9.6	7.4	11.0
130	19.2	15.4	23.0

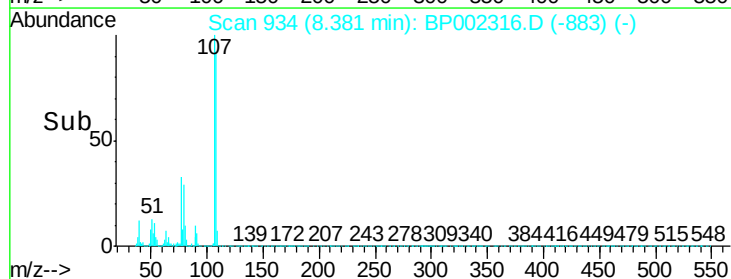
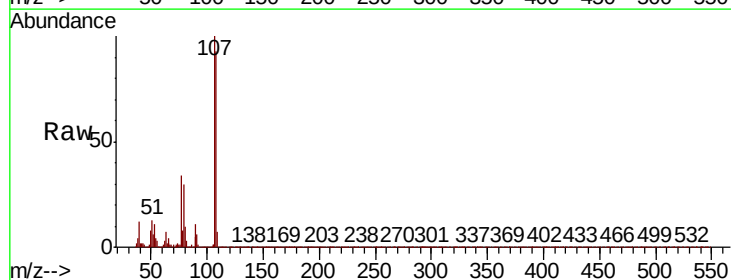
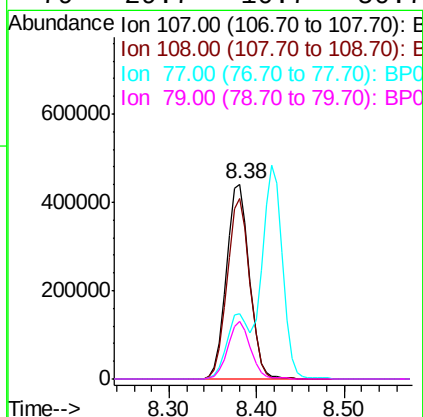
Manual Integrations
APPROVED

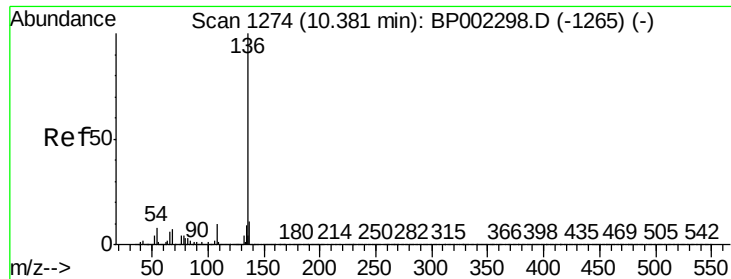
mohammad
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#20
3+4-Methylphenols
Concen: 39.577 ng
RT: 8.38 min Scan# 934
Delta R.T. 0.00 min
Lab File: BP002316.D
Acq: 29 May 2020 15:46

Tgt Ion	Ratio	Lower	Upper
107	100		
108	92.6	74.7	114.7
77	33.6	14.4	54.4
79	29.7	10.7	50.7





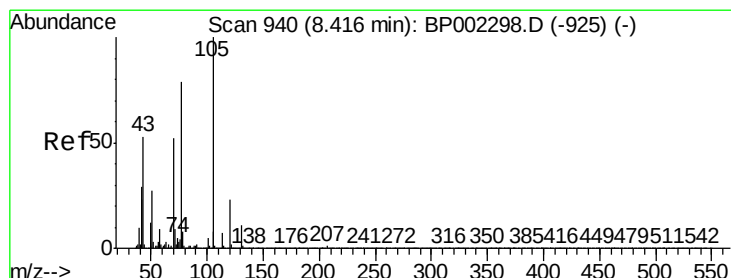
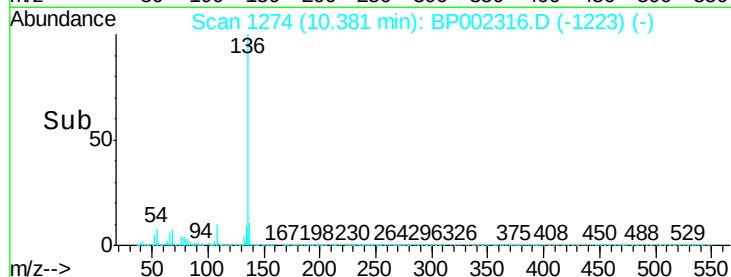
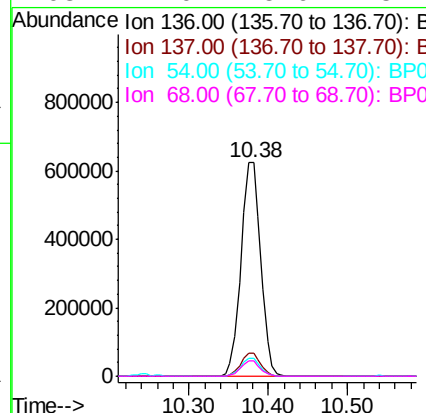
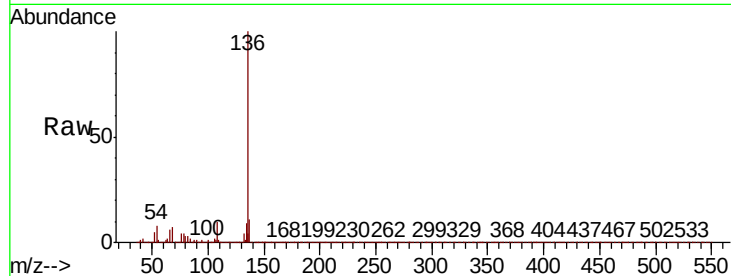
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.38 min Scan# 1274
Delta R.T. 0.00 min
Lab File: BP002316.D
Acq: 29 May 2020 15:46

Instrument :
BNA_P
ClientSampleId :
PB129148BS

Tot Ion	Ratio	Resp	Lower	Upper
136	100	1069864		
137	10.6		8.8	13.2
54	8.2		6.9	10.3
68	7.0		5.6	8.4

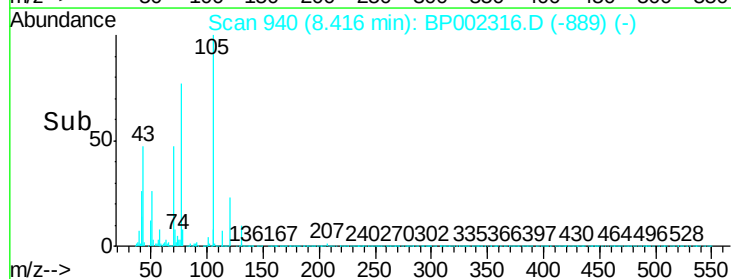
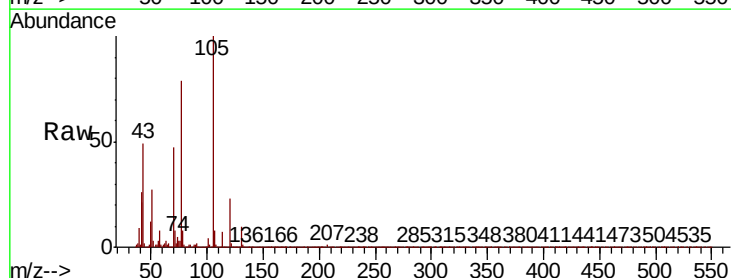
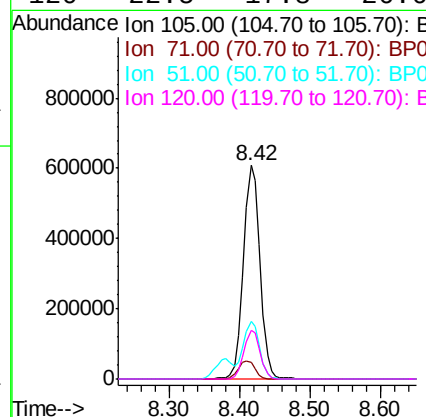
Manual Integrations
APPROVED

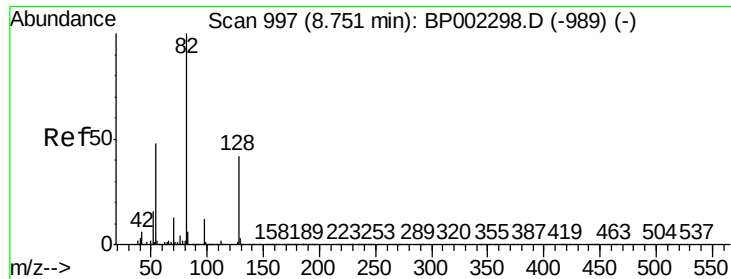
mohammad
6/1/2020 12:24:13 PM



#22
Acetophenone
Concen: 40.679 ng
RT: 8.42 min Scan# 940
Delta R.T. 0.00 min
Lab File: BP002316.D
Acq: 29 May 2020 15:46

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	993655		
71	7.8		6.5	9.7
51	27.1		21.7	32.5
120	22.5		17.8	26.6





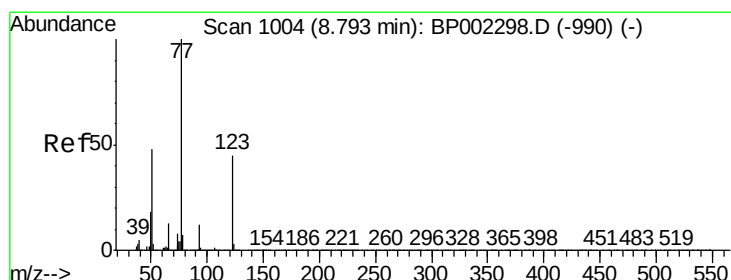
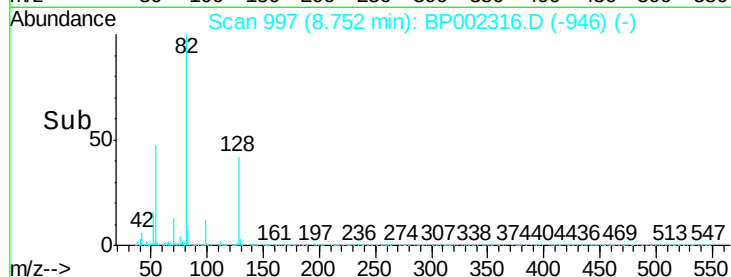
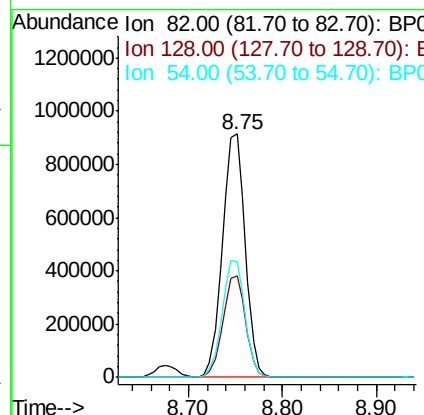
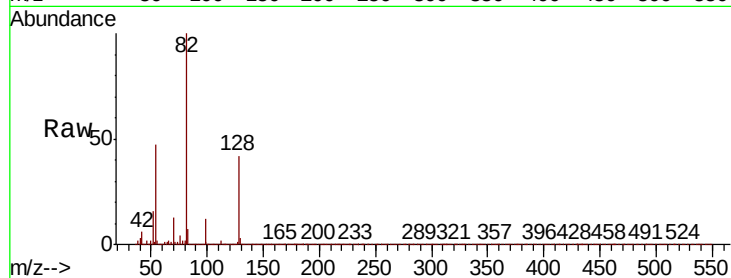
#23
Nitrobenzene-d5
Concen: 86.834 ng
RT: 8.75 min Scan# 997
Delta R.T. 0.00 min
Lab File: BP002316.D
Acq: 29 May 2020 15:46

Instrument :
BNA_P
ClientSampleId :
PB129148BS

Tot Ion	Ratio	Lower	Upper
82	100		
128	41.9	33.4	50.0
54	47.4	38.3	57.5

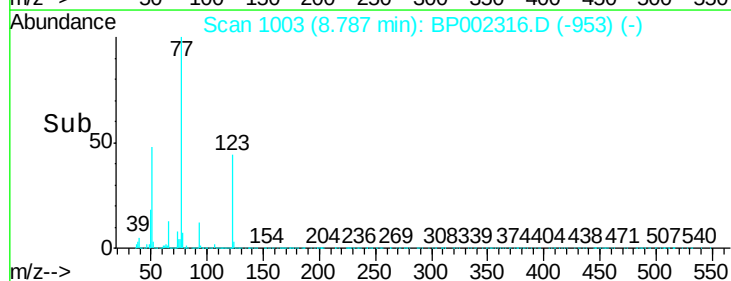
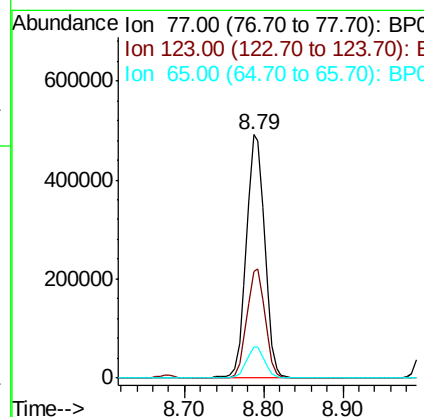
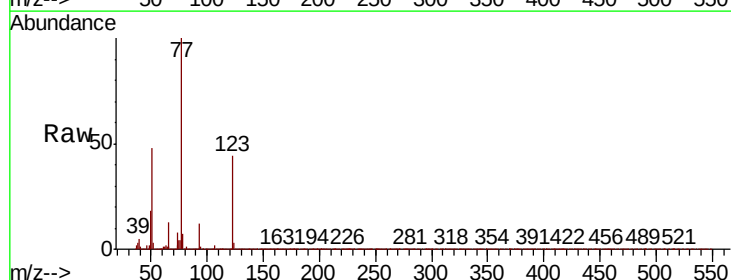
Manual Integrations
APPROVED

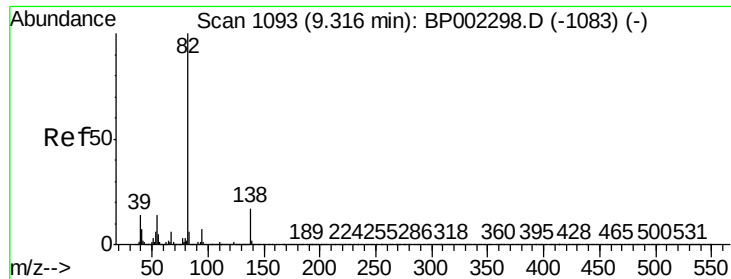
mohammad
6/1/2020 12:24:13 PM



#24
Nitrobenzene
Concen: 40.761 ng
RT: 8.79 min Scan# 1003
Delta R.T. -0.01 min
Lab File: BP002316.D
Acq: 29 May 2020 15:46

Tgt Ion	Ratio	Lower	Upper
77	100		
123	43.9	35.4	53.0
65	12.8	10.3	15.5





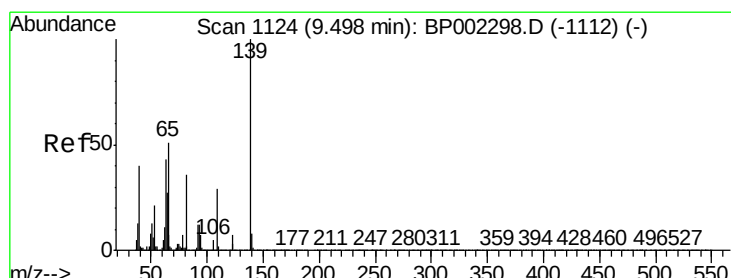
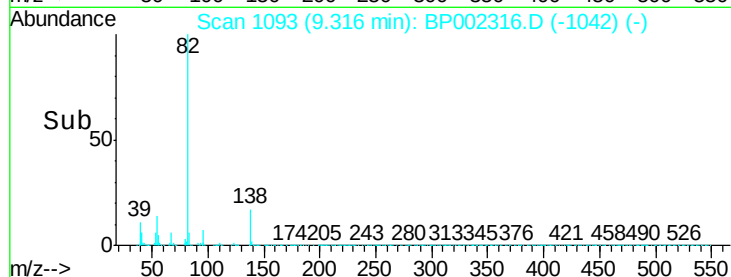
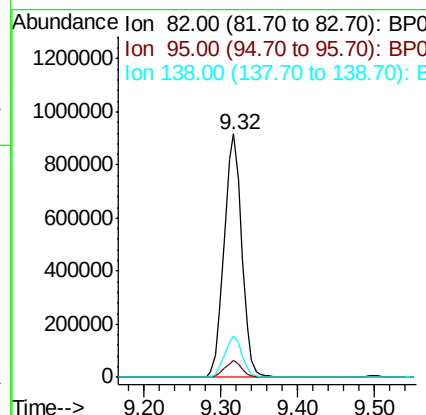
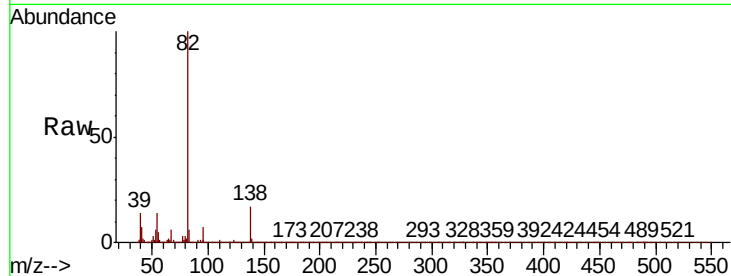
#25
Isophorone
Concen: 39.853 ng
RT: 9.32 min Scan# 1093
Delta R.T. 0.00 min
Lab File: BP002316.D
Acq: 29 May 2020 15:46

Instrument :
BNA_P
ClientSampleId :
PB129148BS

Tot Ion	Ratio	Lower	Upper
82	100		
95	6.8	5.4	8.0
138	17.2	13.4	20.0

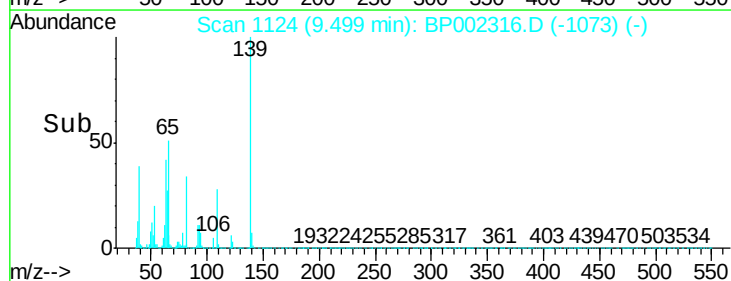
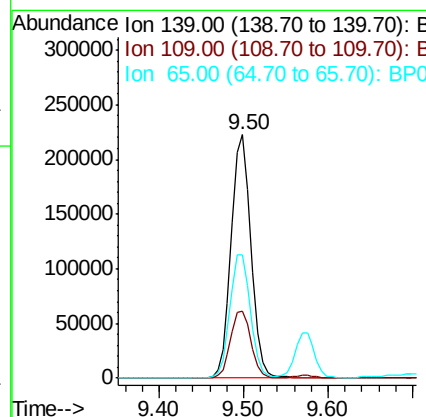
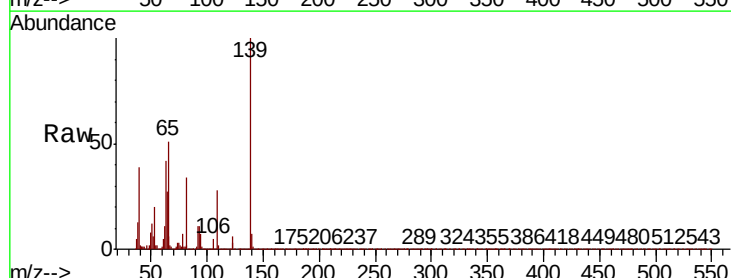
Manual Integrations
APPROVED

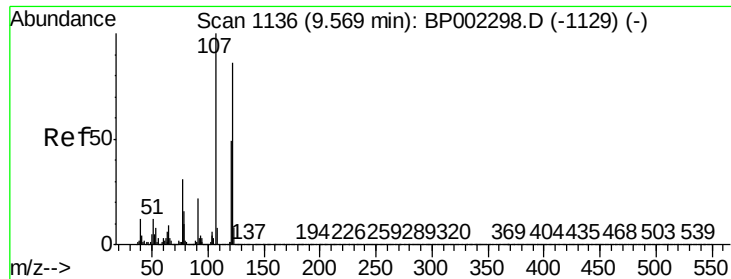
mohammad
6/1/2020 12:24:13 PM



#26
2-Nitrophenol
Concen: 43.406 ng
RT: 9.50 min Scan# 1124
Delta R.T. 0.00 min
Lab File: BP002316.D
Acq: 29 May 2020 15:46

Tgt Ion	Ratio	Lower	Upper
139	100		
109	27.8	22.7	34.1
65	50.7	41.5	62.3





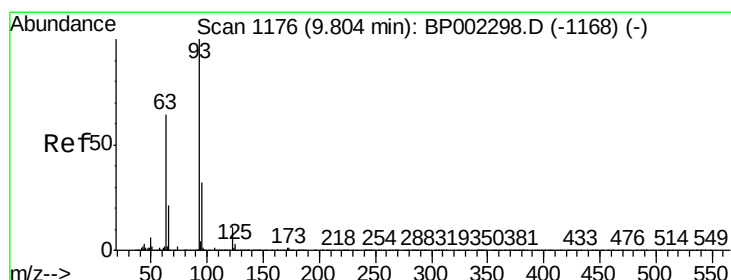
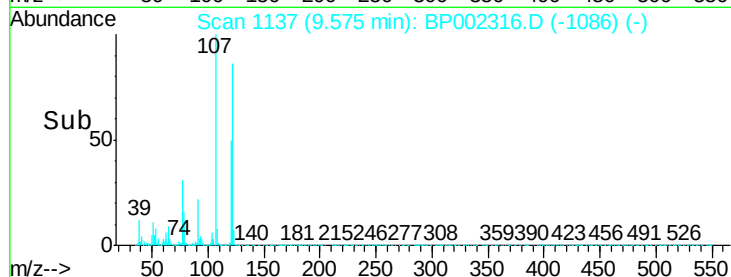
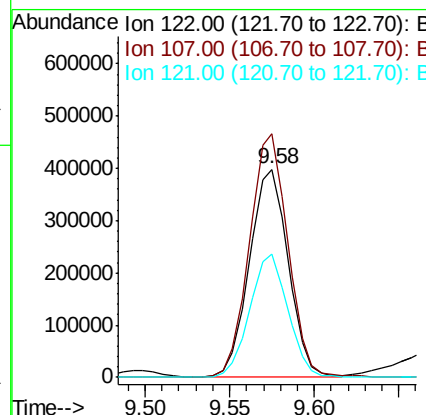
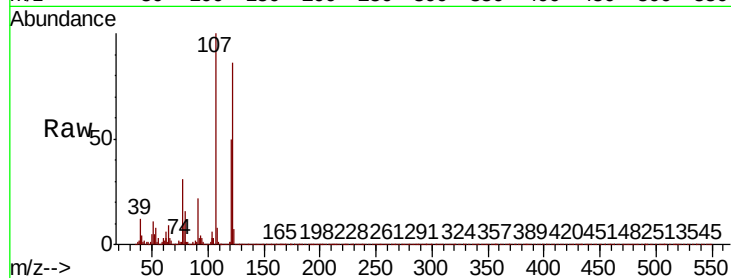
#27
2,4-Dimethylphenol
Concen: 46.888 ng
RT: 9.58 min Scan# 1137
Delta R.T. 0.00 min
Lab File: BP002316.D
Acq: 29 May 2020 15:46

Instrument :
BNA_P
ClientSampleId :
PB129148BS

Tot Ion	Ratio	Lower	Upper
122	100		
107	116.9	93.7	140.5
121	58.9	47.1	70.7

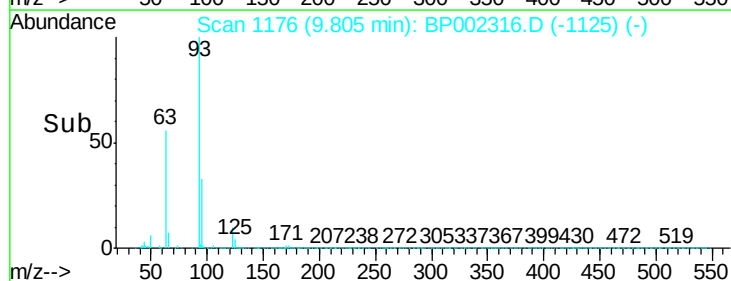
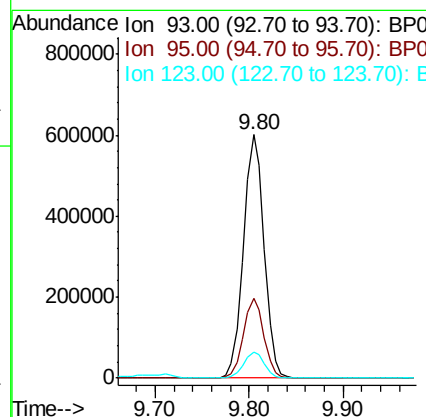
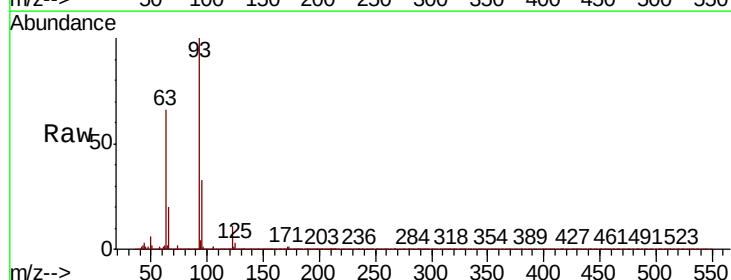
Manual Integrations
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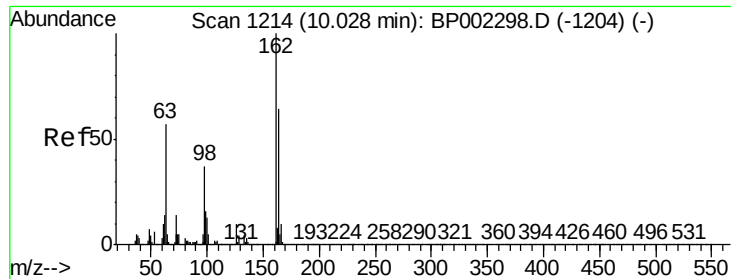
mohammad
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#28
bis(2-Chloroethoxy)methane
Concen: 41.002 ng
RT: 9.80 min Scan# 1176
Delta R.T. 0.00 min
Lab File: BP002316.D
Acq: 29 May 2020 15:46

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.5	25.8	38.6
123	10.8	8.6	13.0





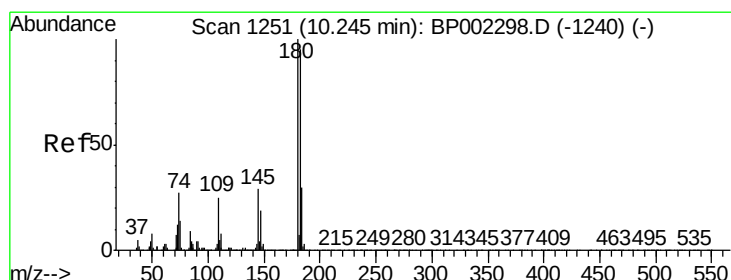
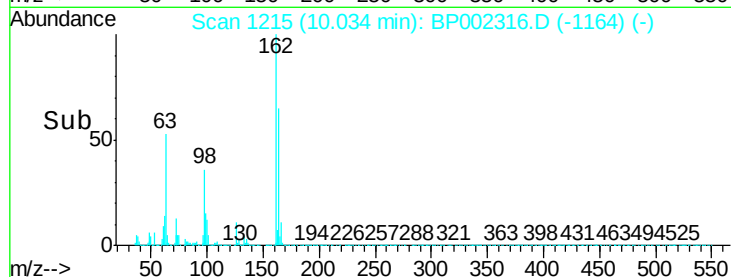
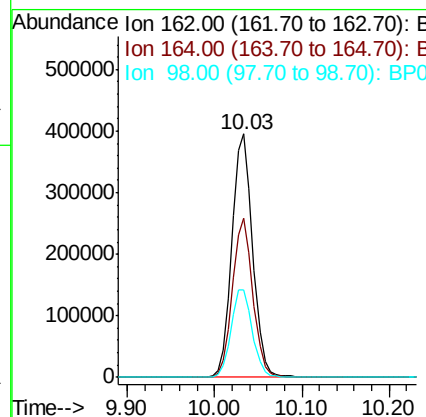
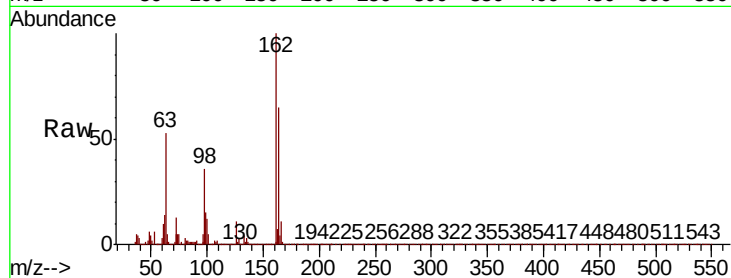
#29
2,4-Dichlorophenol
Concen: 42.884 ng
RT: 10.03 min Scan# 1215
Delta R.T. 0.00 min
Lab File: BP002316.D
Acq: 29 May 2020 15:46

Instrument :
BNA_P
ClientSampled :
PB129148BS

Tot Ion	Ratio	Resp Lower	Upper
162	100		
164	65.4	44.2	84.2
98	36.1	18.4	58.4

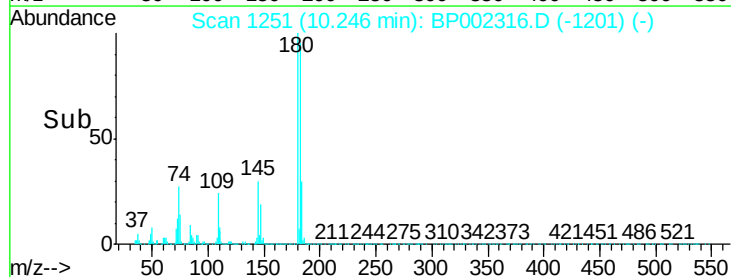
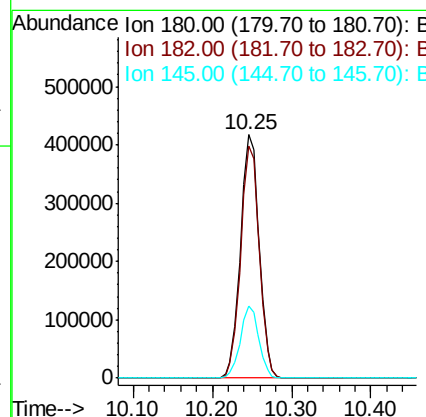
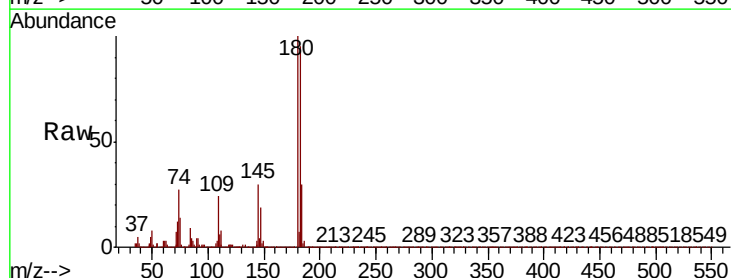
Manual Integrations
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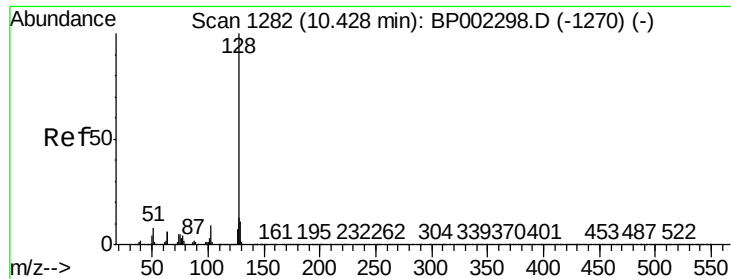
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#30
1,2,4-Trichlorobenzene
Concen: 40.415 ng
RT: 10.25 min Scan# 1251
Delta R.T. -0.01 min
Lab File: BP002316.D
Acq: 29 May 2020 15:46

Tgt Ion	Ratio	Resp Lower	Upper
180	100		
182	95.4	74.7	112.1
145	29.6	23.2	34.8





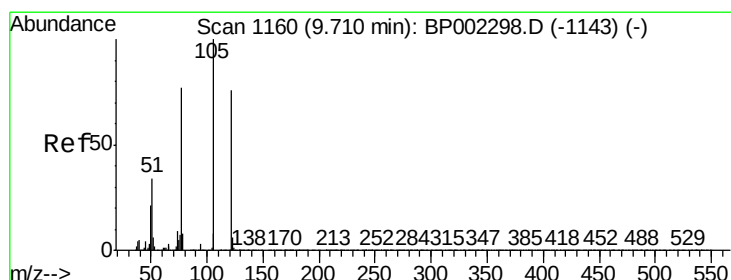
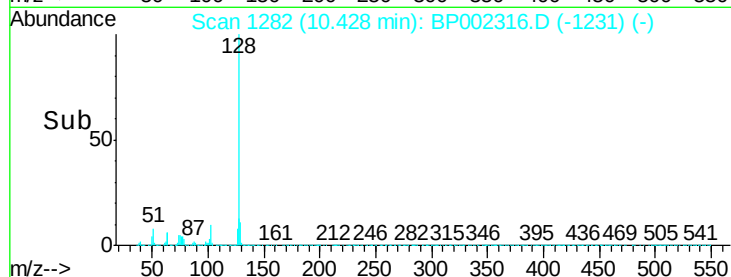
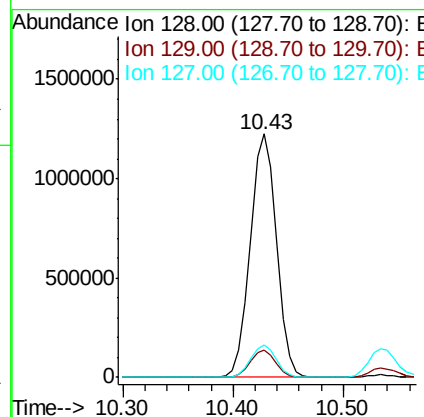
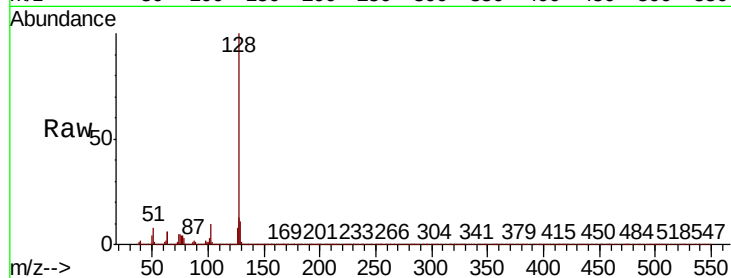
#31
Naphthalene
Concen: 40.733 ng
RT: 10.43 min Scan# 1282
Delta R.T. 0.00 min
Lab File: BP002316.D
Acq: 29 May 2020 15:46

Instrument :
BNA_P
ClientSampleId :
PB129148BS

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.0	8.7	13.1
127	13.3	10.5	15.7

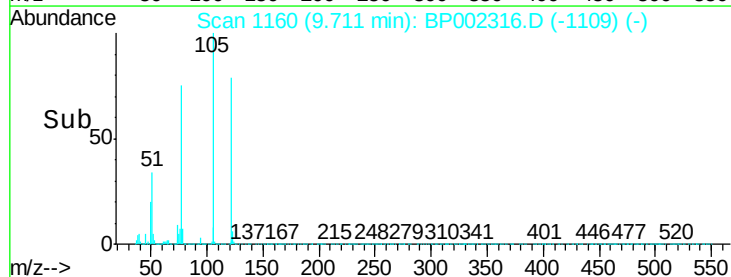
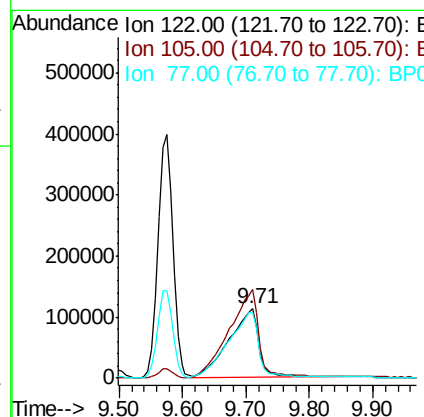
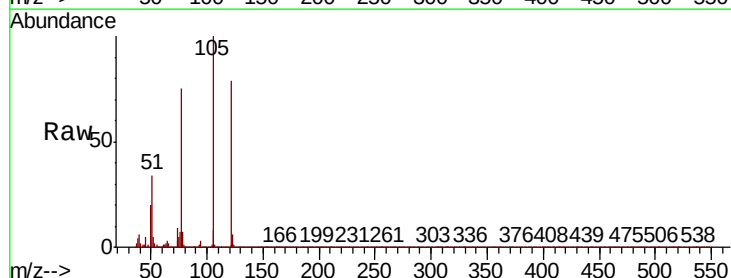
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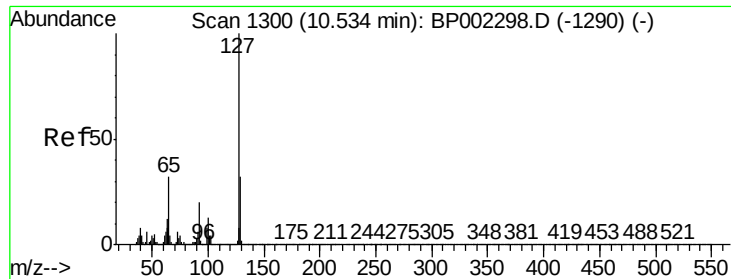
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#32
Benzoic acid
Concen: 36.085 ng
RT: 9.71 min Scan# 1160
Delta R.T. 0.00 min
Lab File: BP002316.D
Acq: 29 May 2020 15:46

Tgt Ion	Ratio	Lower	Upper
122	100		
105	127.3	102.7	142.7
77	95.8	74.8	114.8





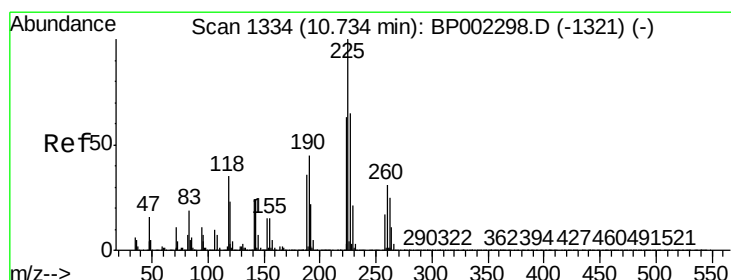
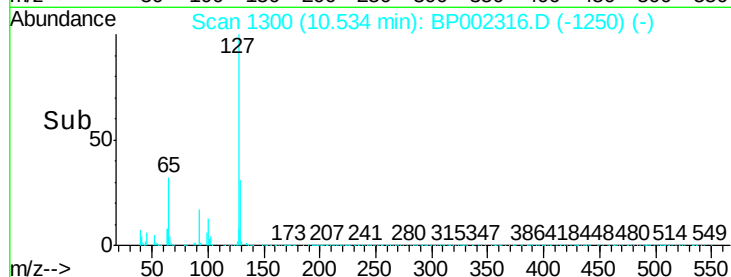
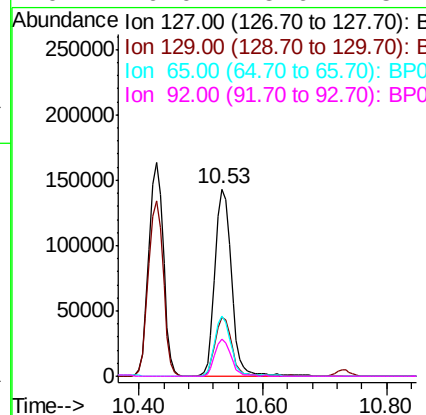
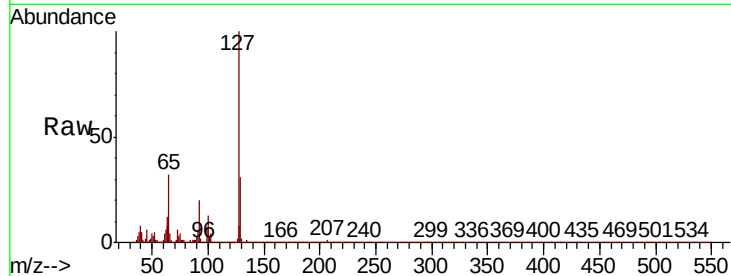
#33
4-Chloroaniline
Concen: 11.992 ng
RT: 10.53 min Scan# 1300
Delta R.T. -0.01 min
Lab File: BP002316.D
Acq: 29 May 2020 15:46

Instrument :
BNA_P
ClientSampleId :
PB129148BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100		264298		
129	31.5	25.4	38.2		
65	31.9	25.1	37.7		
92	20.0	15.6	23.4		

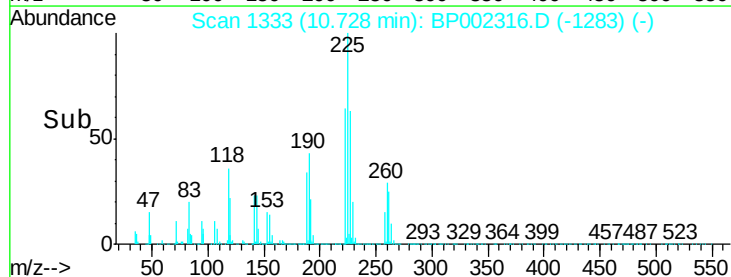
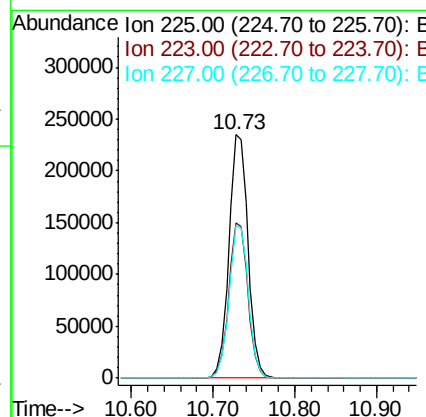
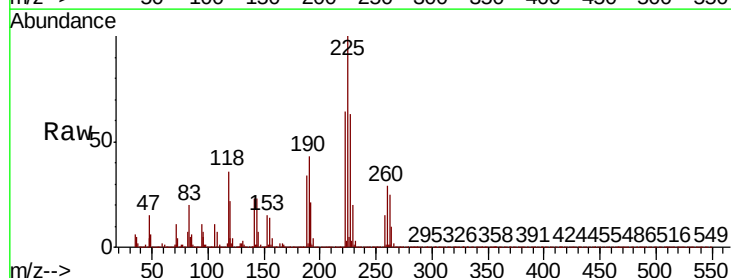
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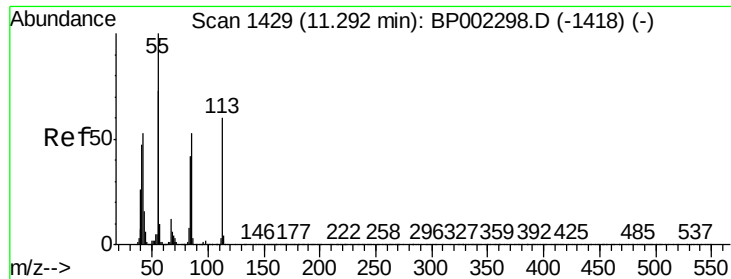
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#34
Hexachlorobutadiene
Concen: 38.323 ng
RT: 10.73 min Scan# 1333
Delta R.T. -0.01 min
Lab File: BP002316.D
Acq: 29 May 2020 15:46

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100		377434		
223	63.5	50.2	75.2		
227	62.9	50.1	75.1		





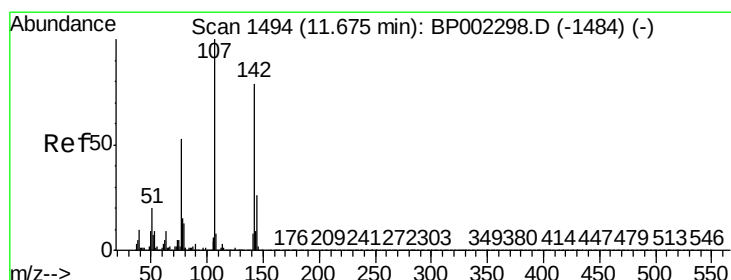
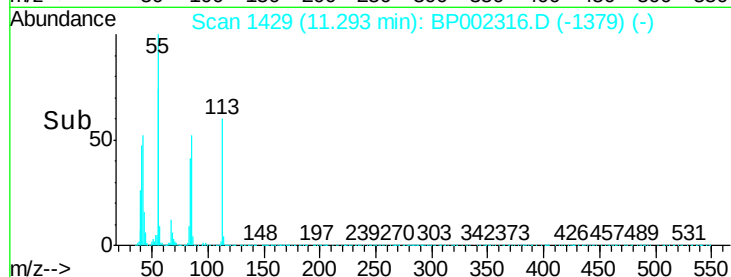
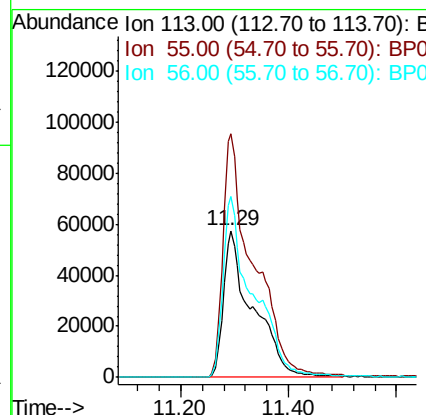
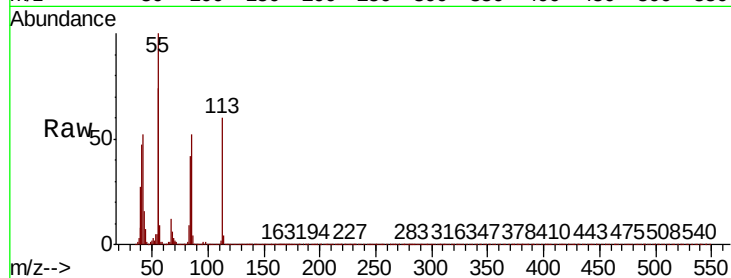
#35
Caprolactam
Concen: 41.759 ng
RT: 11.29 min Scan# 1429
Delta R.T. -0.01 min
Lab File: BP002316.D
Acq: 29 May 2020 15:46

Instrument :
BNA_P
ClientSampleId :
PB129148BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
113	100		216899		
55	165.7		150.1	190.1	
56	122.9		104.1	144.1	

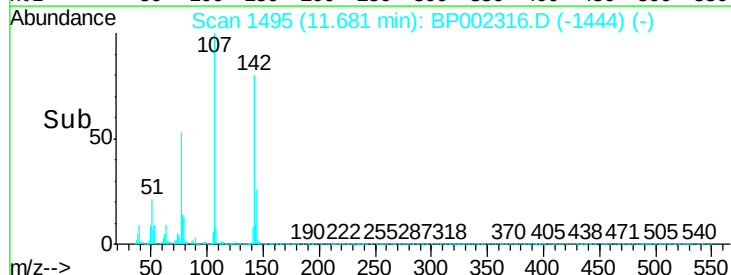
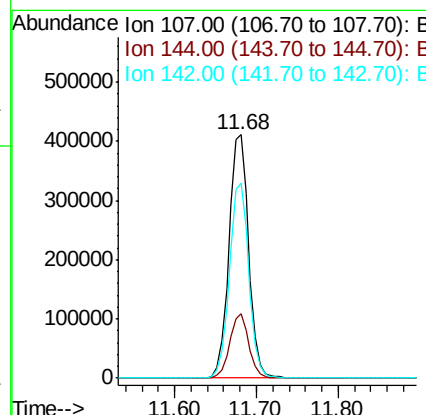
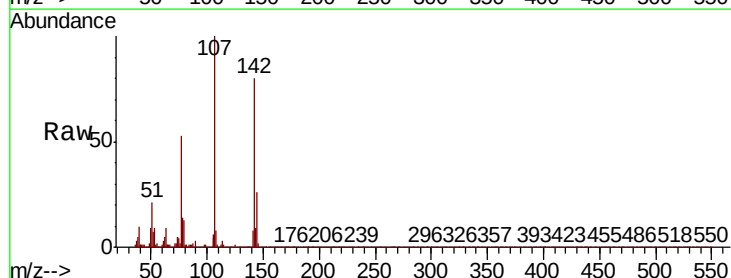
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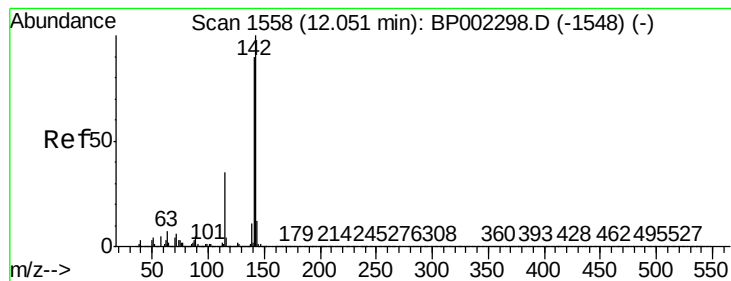
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#36
4-Chloro-3-methylphenol
Concen: 42.378 ng
RT: 11.68 min Scan# 1495
Delta R.T. 0.00 min
Lab File: BP002316.D
Acq: 29 May 2020 15:46

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100		684389		
144	26.3		20.6	31.0	
142	80.3		63.0	94.6	





#37

2-Methylnaphthalene

Concen: 40.903 ng

RT: 12.05 min Scan# 1558

Delta R.T. 0.00 min

Lab File: BP002316.D

Acq: 29 May 2020 15:46

Instrument :

BNA_P

ClientSampleId :

PB129148BS

Tot Ion:142 Resp: 1438980

Ion Ratio Lower Upper

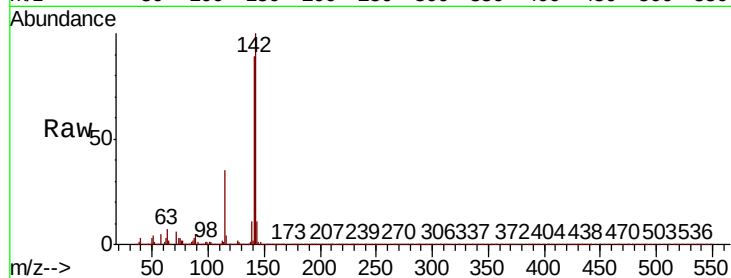
142 100

141 88.7 69.7 104.5

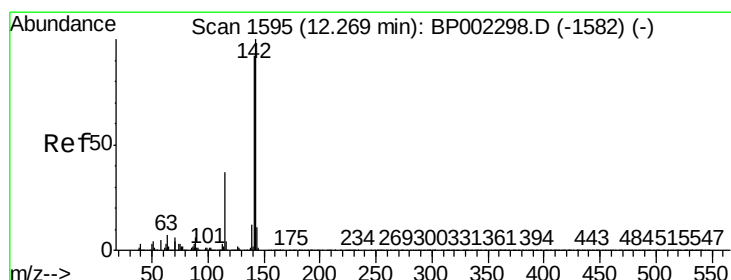
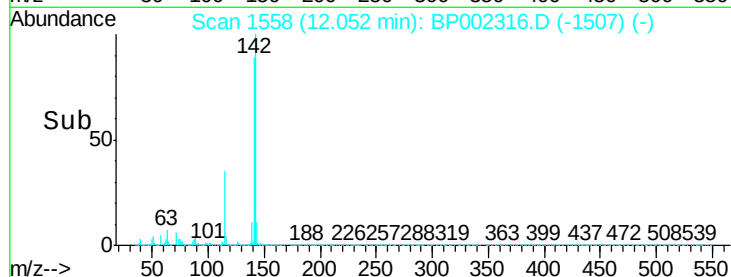
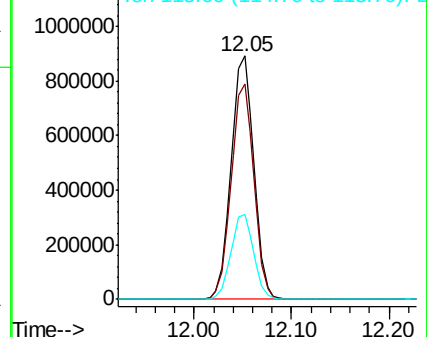
115 34.9 28.1 42.1

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Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E



#38

1-Methylnaphthalene

Concen: 40.822 ng

RT: 12.27 min Scan# 1595

Delta R.T. -0.01 min

Lab File: BP002316.D

Acq: 29 May 2020 15:46

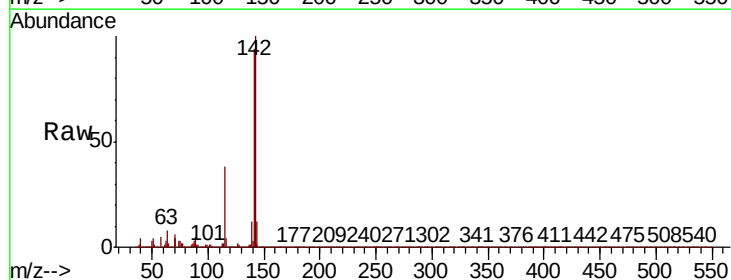
Tgt Ion:142 Resp: 1363292

Ion Ratio Lower Upper

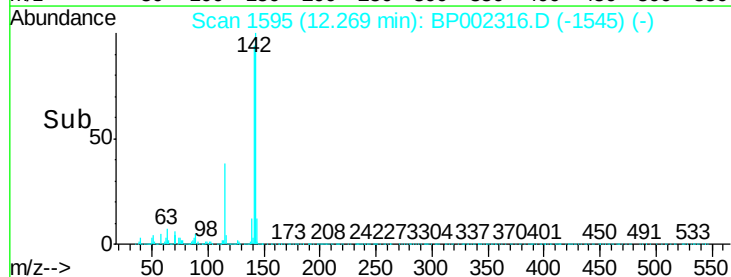
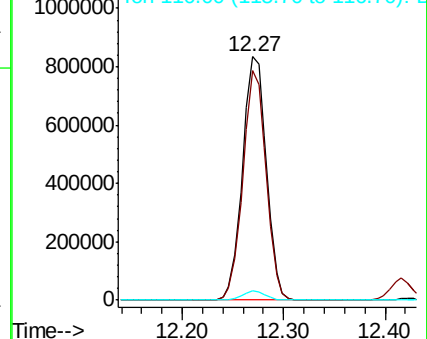
142 100

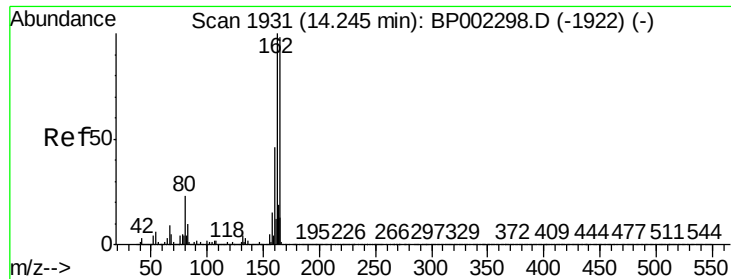
141 94.1 72.8 109.2

116 3.9 3.1 4.7



Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 116.00 (115.70 to 116.70): E





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.25 min Scan# 1932

Delta R.T. 0.00 min

Lab File: BP002316.D

Acq: 29 May 2020 15:46

Instrument :

BNA_P

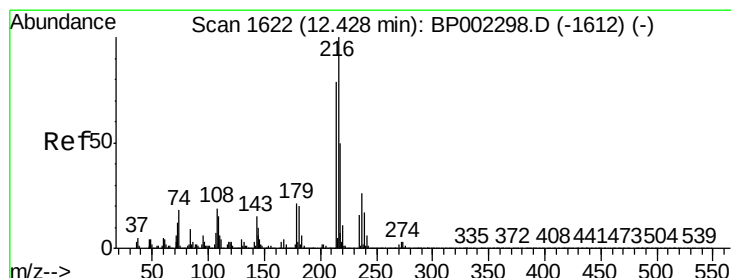
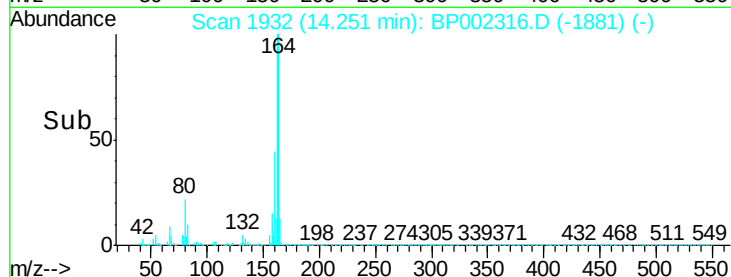
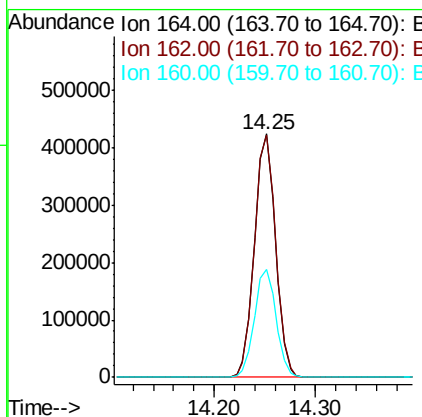
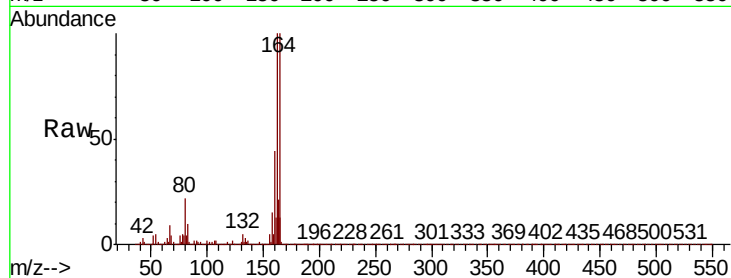
ClientSampled :

PB129148BS

Tot Ion:	164	Resp:	613448
Ion Ratio	Lower	Upper	
164	100		
162	99.7	81.3	121.9
160	44.2	37.2	55.8

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#40

1,2,4,5-Tetrachlorobenzene

Concen: 41.312 ng

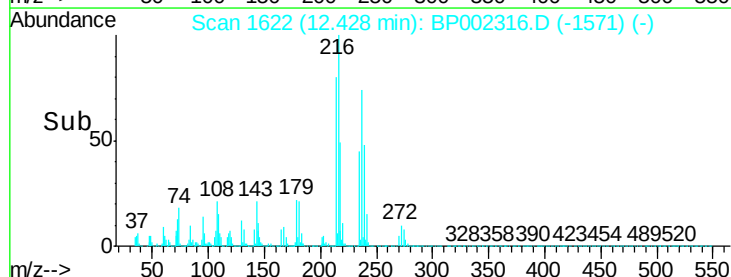
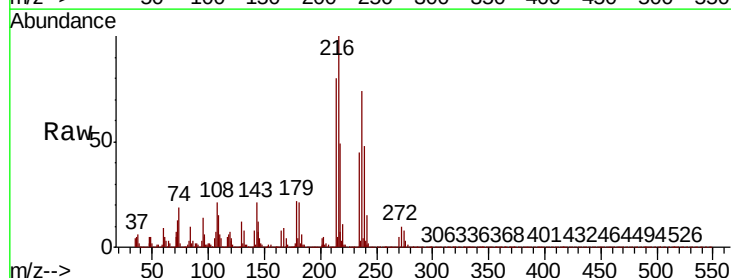
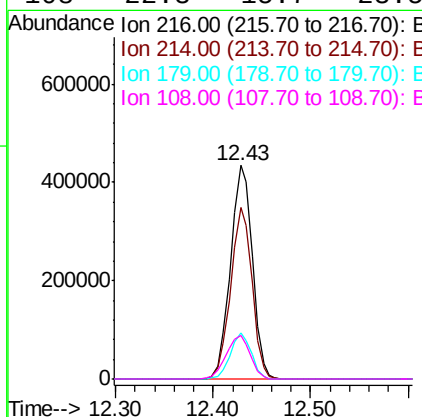
RT: 12.43 min Scan# 1622

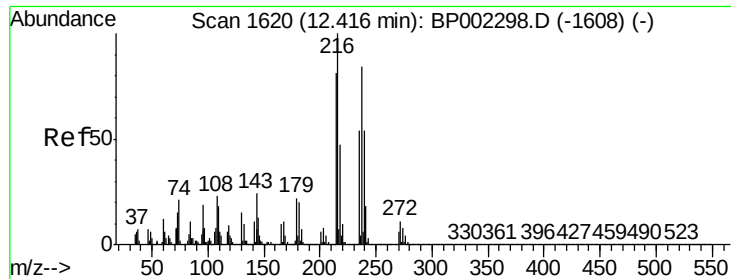
Delta R.T. 0.00 min

Lab File: BP002316.D

Acq: 29 May 2020 15:46

Tgt Ion:	216	Resp:	673469
Ion Ratio	Lower	Upper	
216	100		
214	78.7	63.2	94.8
179	20.6	16.3	24.5
108	22.3	15.7	23.5





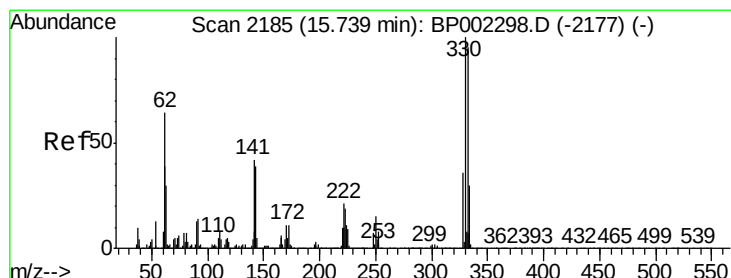
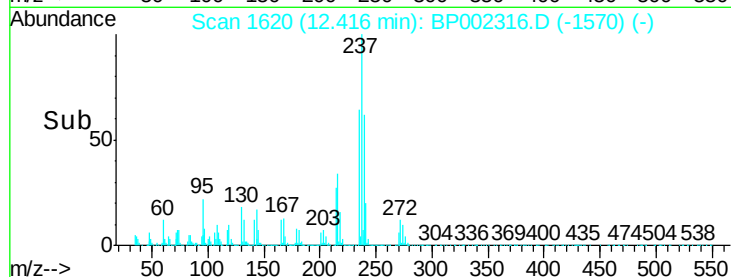
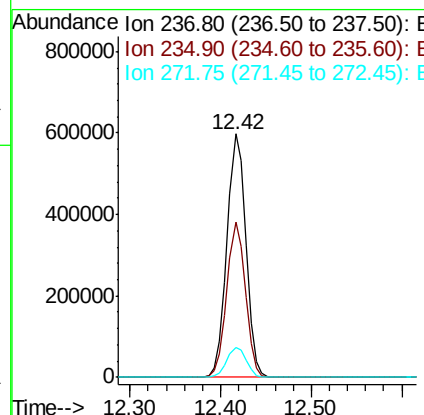
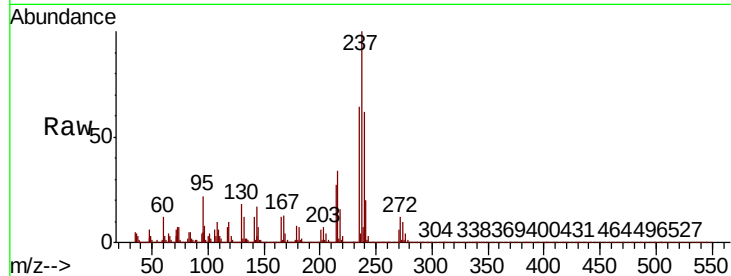
#41
Hexachlorocyclopentadiene
Concen: 99.371 ng
RT: 12.42 min Scan# 1620
Delta R.T. -0.01 min
Lab File: BP002316.D
Acq: 29 May 2020 15:46

Instrument :
BNA_P
ClientSampleId :
PB129148BS

Tot Ion	Ratio	Resp	Lower	Upper
237	100			
235	63.7	43.6	83.6	
272	12.4	0.0	32.6	

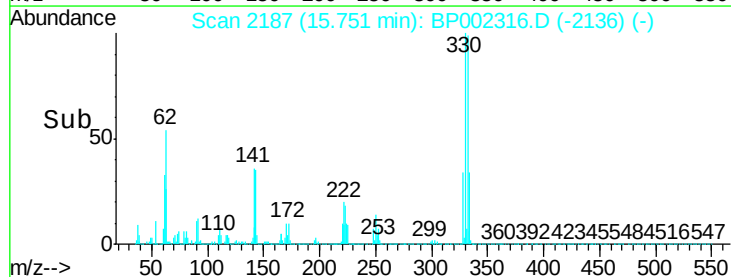
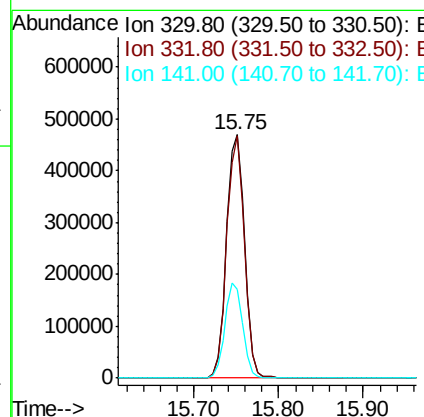
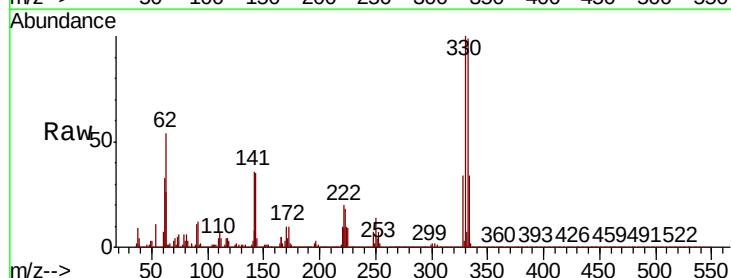
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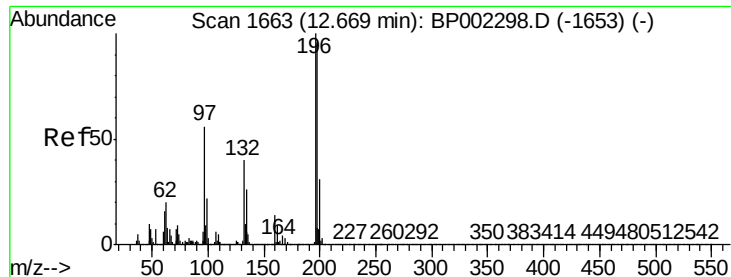
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#42
2,4,6-Tribromophenol
Concen: 120.289 ng
RT: 15.75 min Scan# 2187
Delta R.T. 0.00 min
Lab File: BP002316.D
Acq: 29 May 2020 15:46

Tgt Ion	Ratio	Resp	Lower	Upper
330	100			
332	97.0	76.9	115.3	
141	38.7	31.4	47.2	





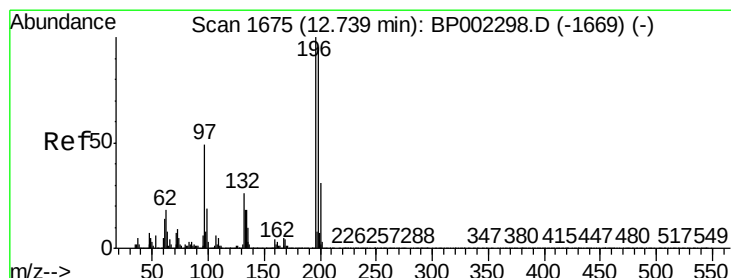
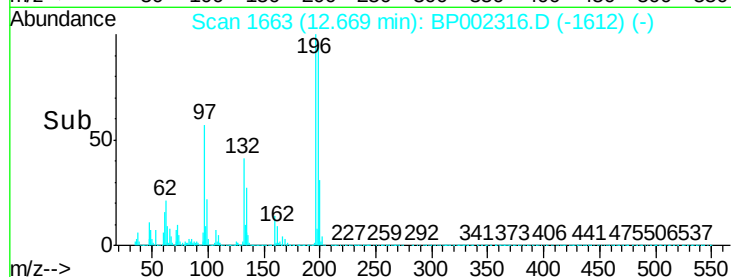
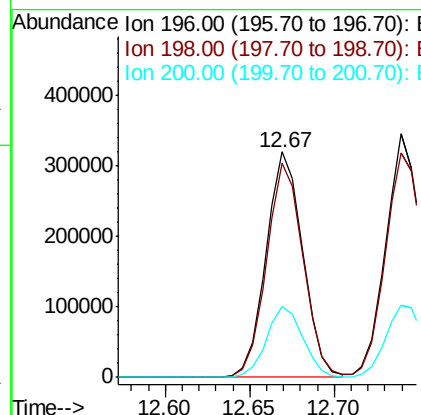
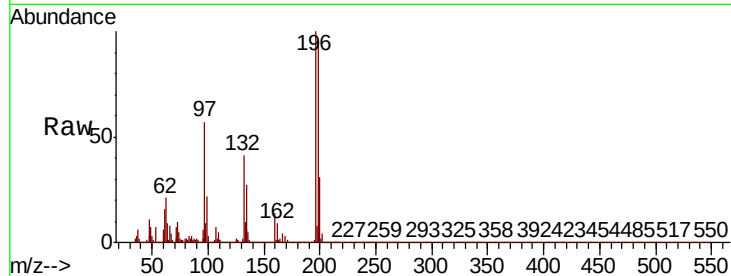
#43
 2,4,6-Trichlorophenol
 Concen: 42.526 ng
 RT: 12.67 min Scan# 1663
 Delta R.T. 0.00 min
 Lab File: BP002316.D
 Acq: 29 May 2020 15:46

Instrument :
 BNA_P
 ClientSampleId :
 PB129148BS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	480015		
198	95.1	77.9	116.9	
200	31.5	25.0	37.6	

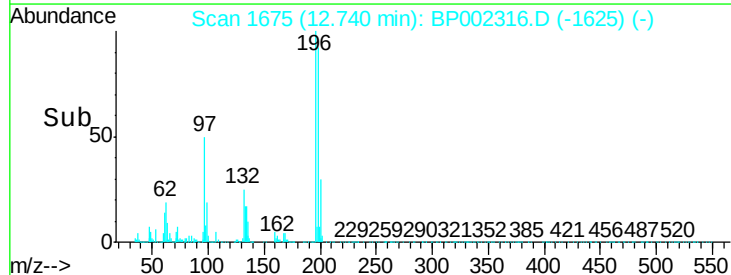
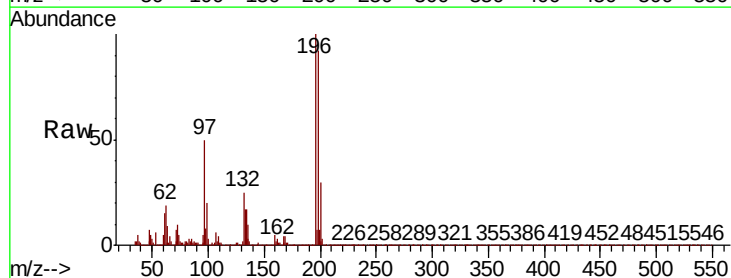
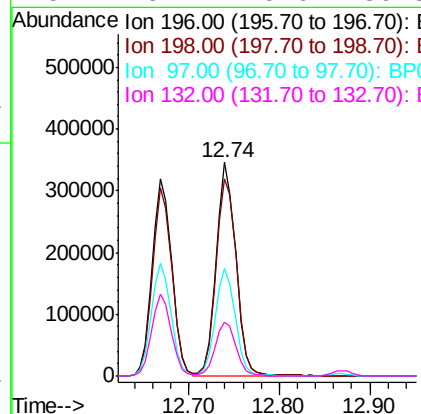
Manual Integrations
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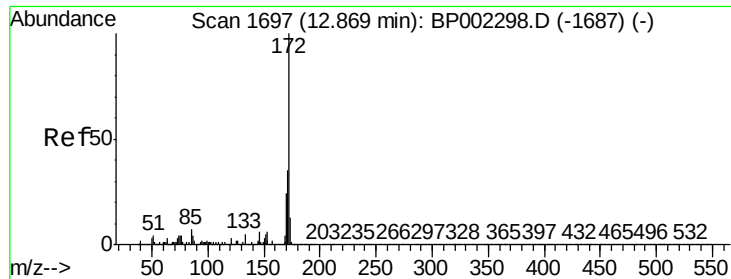
mohammad
 6/1/2020 12:24:13 PM



#44
 2,4,5-Trichlorophenol
 Concen: 39.678 ng
 RT: 12.74 min Scan# 1675
 Delta R.T. -0.01 min
 Lab File: BP002316.D
 Acq: 29 May 2020 15:46

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	519734		
198	92.1	72.8	109.2	
97	50.2	40.3	60.5	
132	25.2	20.6	30.8	





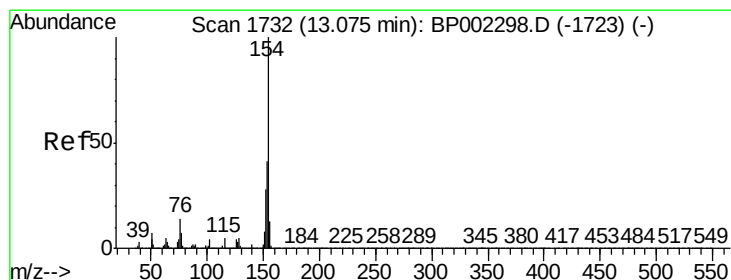
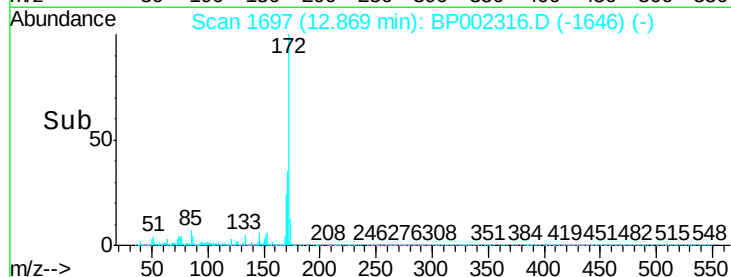
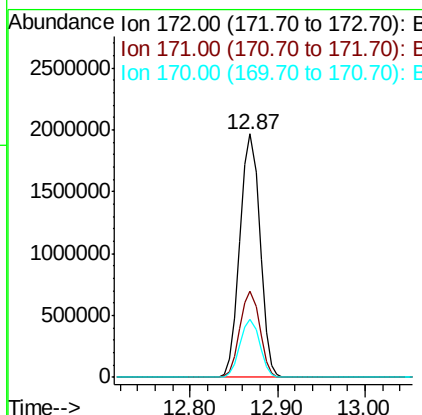
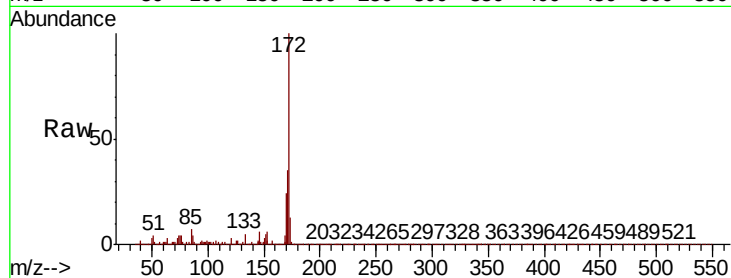
#45
2-Fluorobiphenyl
Concen: 86.966 ng
RT: 12.87 min Scan# 1697
Delta R.T. 0.00 min
Lab File: BP002316.D
Acq: 29 May 2020 15:46

Instrument :
BNA_P
ClientSampleId :
PB129148BS

Tot Ion	Ratio	Lower	Upper
172	100		
171	35.3	27.6	41.4
170	24.0	18.9	28.3

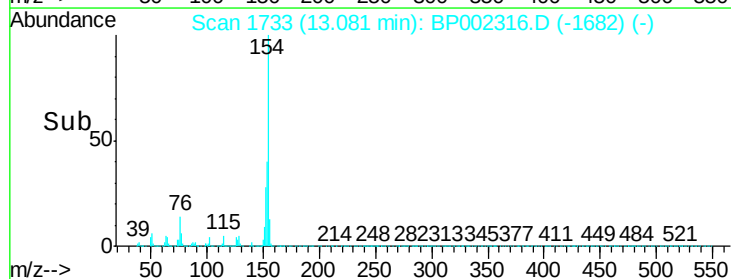
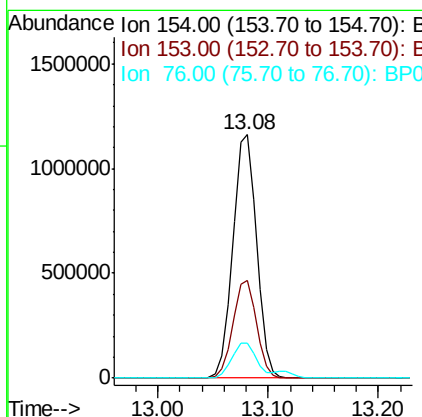
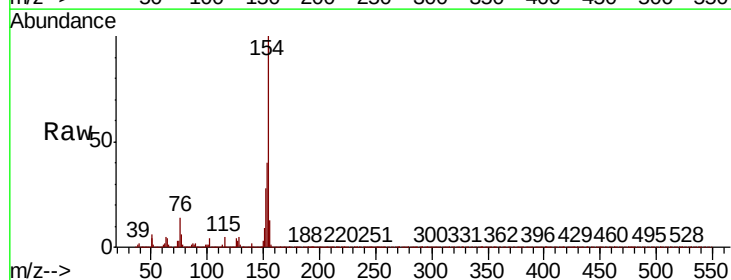
Manual Integrations
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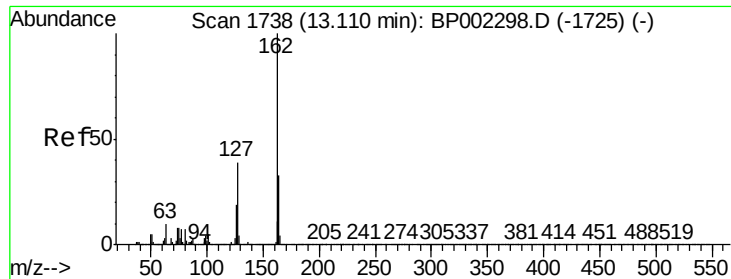
mohammad
6/1/2020 12:24:13 PM



#46
1,1'-Biphenyl
Concen: 43.807 ng
RT: 13.08 min Scan# 1733
Delta R.T. 0.00 min
Lab File: BP002316.D
Acq: 29 May 2020 15:46

Tgt Ion	Ratio	Lower	Upper
154	100		
153	40.3	20.1	60.1
76	14.2	0.0	34.4





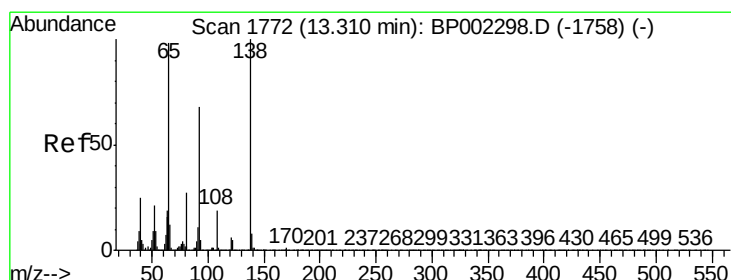
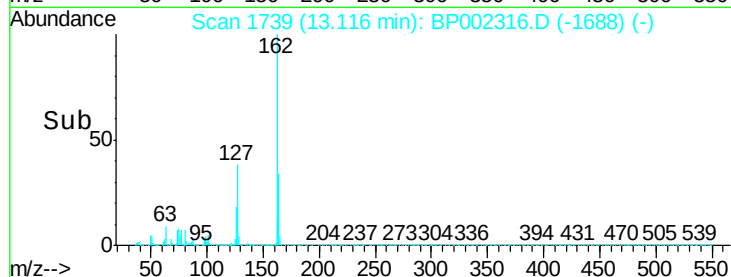
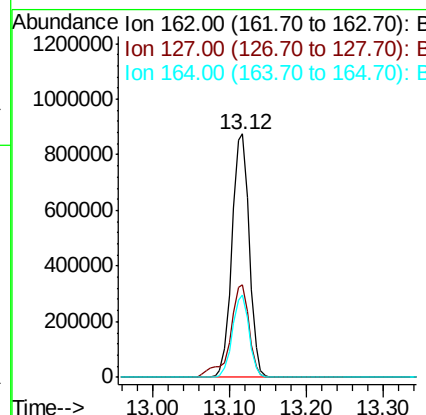
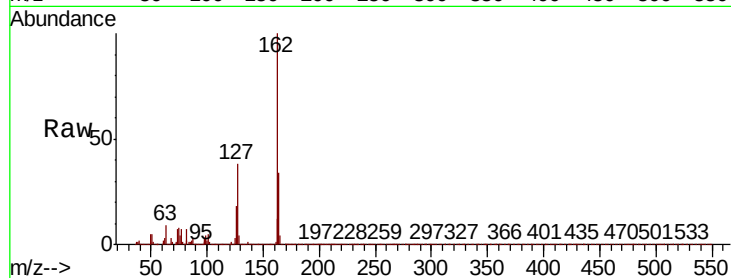
#47
2-Chloronaphthalene
Concen: 41.205 ng
RT: 13.12 min Scan# 1739
Delta R.T. 0.00 min
Lab File: BP002316.D
Acq: 29 May 2020 15:46

Instrument :
BNA_P
ClientSampleId :
PB129148BS

Tot Ion	Ratio	Lower	Upper
162	100		
127	38.2	30.2	45.4
164	33.7	26.4	39.6

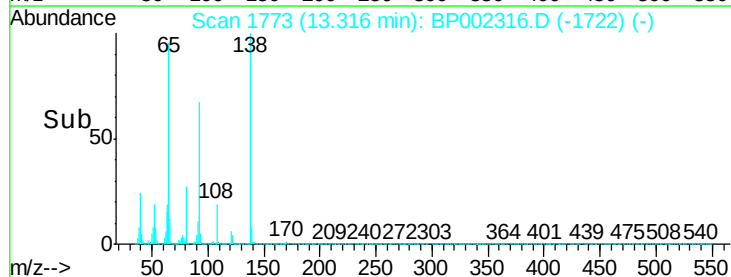
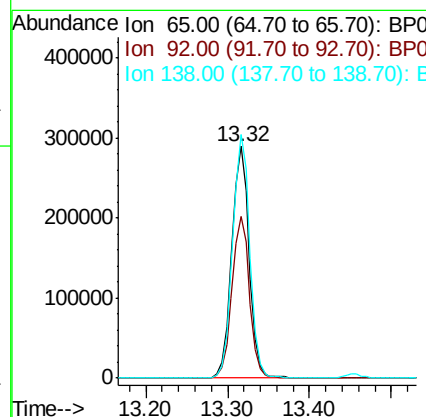
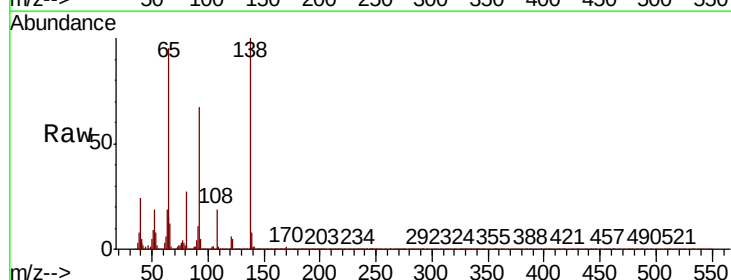
Manual Integrations
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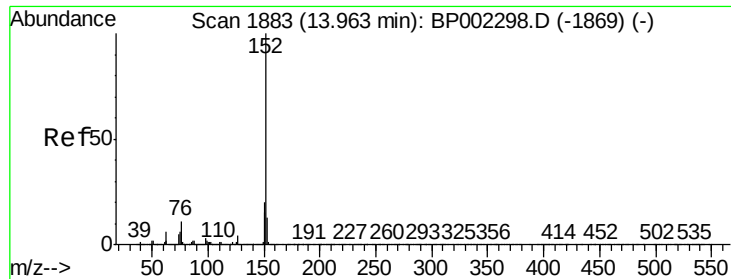
mohammad
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#48
2-Nitroaniline
Concen: 42.041 ng
RT: 13.32 min Scan# 1773
Delta R.T. 0.00 min
Lab File: BP002316.D
Acq: 29 May 2020 15:46

Tgt Ion	Ratio	Lower	Upper
65	100		
92	69.9	54.5	81.7
138	105.0	80.2	120.2





#49

Acenaphthylene

Concen: 42.482 ng

RT: 13.97 min Scan# 1884

Delta R.T. 0.00 min

Lab File: BP002316.D

Acq: 29 May 2020 15:46

Instrument :

BNA_P

ClientSampleId :

PB129148BS

Tot Ion:152 Resp: 2232489

Ion Ratio Lower Upper

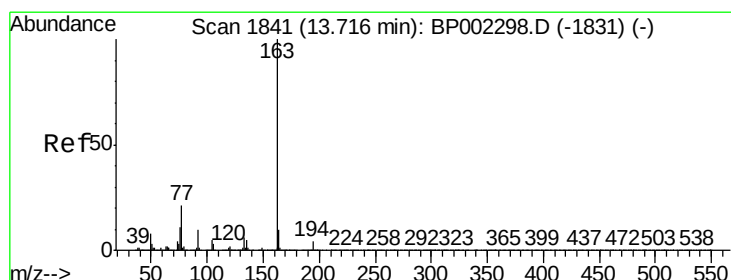
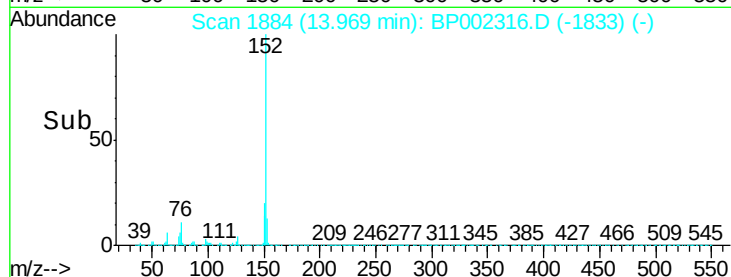
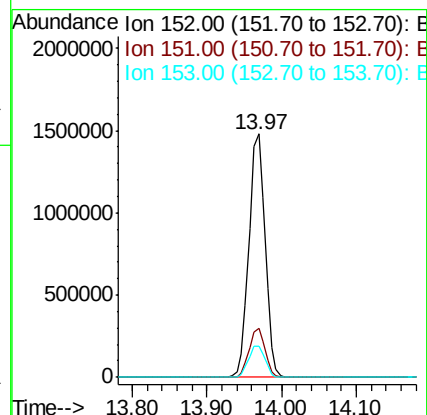
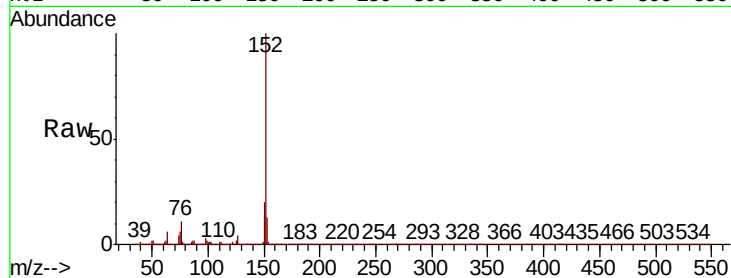
152 100

151 20.2 15.9 23.9

153 13.0 10.4 15.6

Manual Integrations
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#50

Dimethylphthalate

Concen: 40.355 ng

RT: 13.72 min Scan# 1841

Delta R.T. -0.01 min

Lab File: BP002316.D

Acq: 29 May 2020 15:46

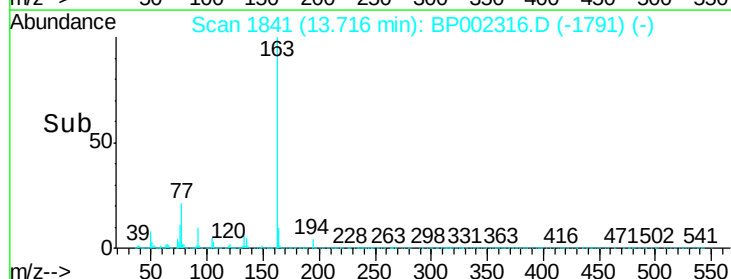
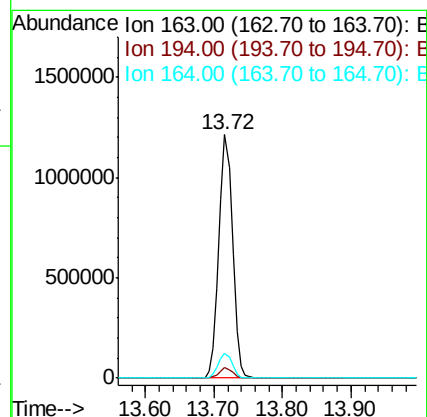
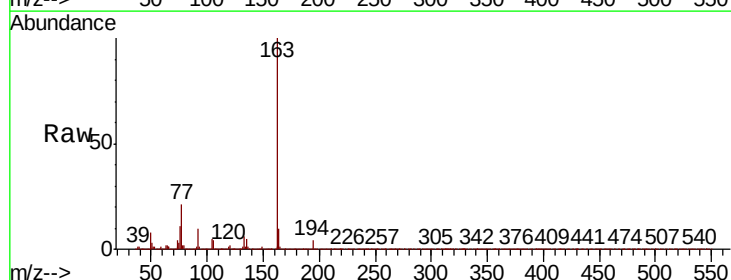
Tgt Ion:163 Resp: 1675668

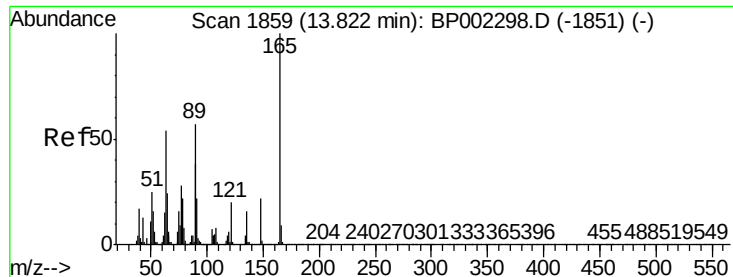
Ion Ratio Lower Upper

163 100

194 4.2 3.2 4.8

164 10.2 8.1 12.1





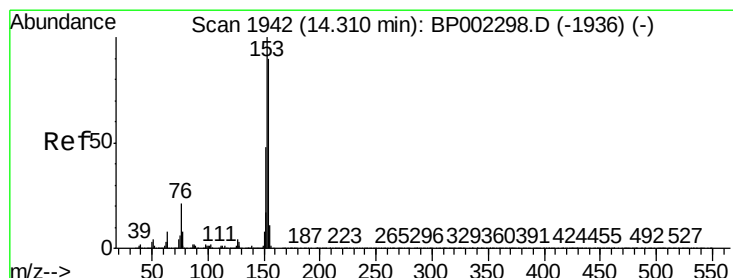
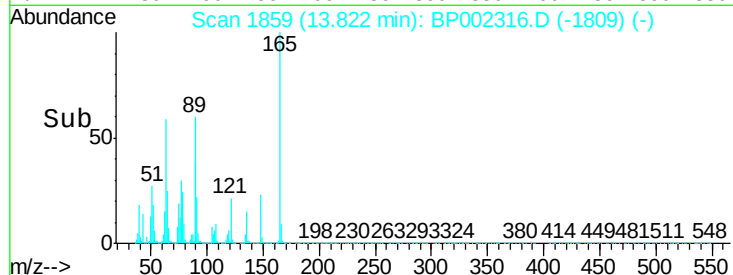
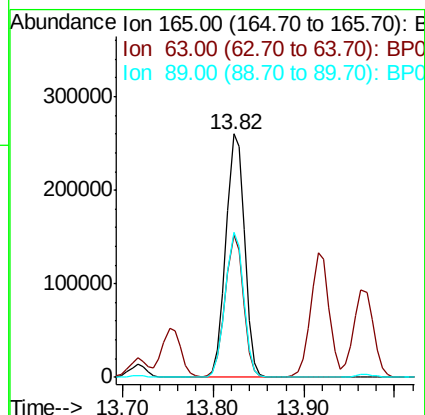
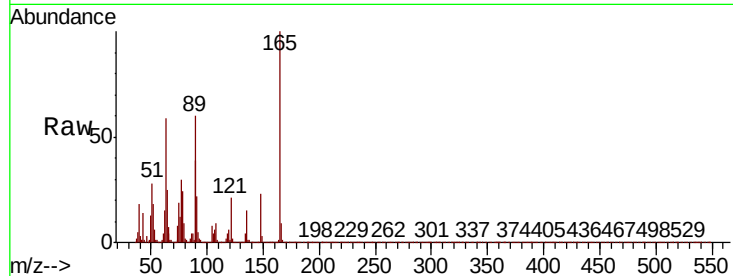
#51
2,6-Dinitrotoluene
Concen: 41.205 ng
RT: 13.82 min Scan# 1859
Delta R.T. -0.01 min
Lab File: BP002316.D
Acq: 29 May 2020 15:46

Instrument :
BNA_P
ClientSampleId :
PB129148BS

Tot Ion	Ratio	Lower	Upper
165	100		
63	58.6	45.5	68.3
89	59.6	47.6	71.4

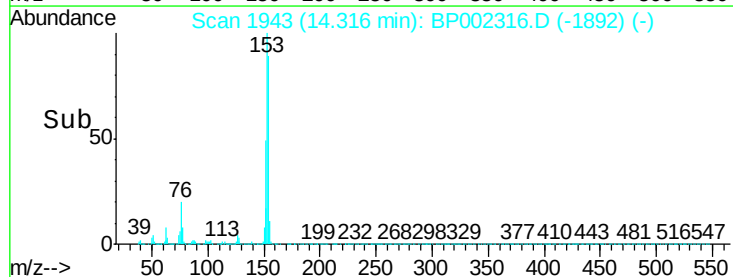
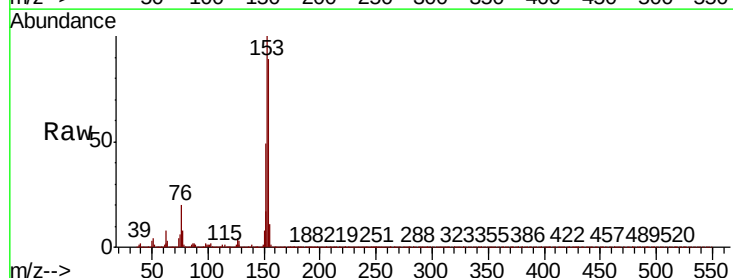
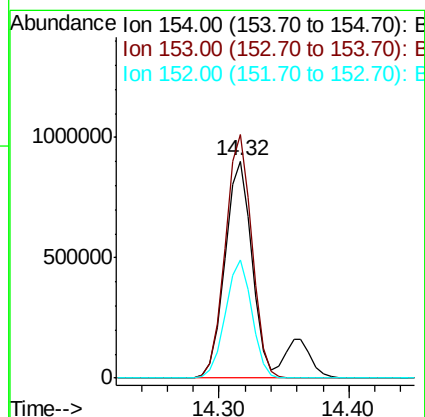
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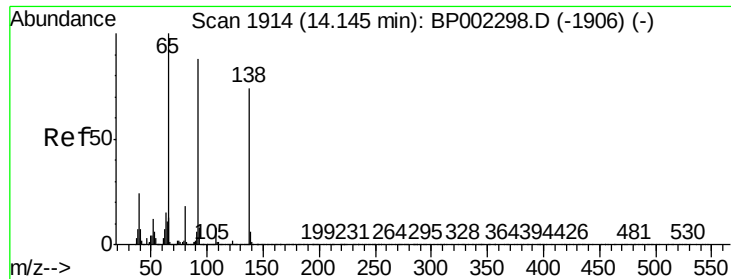
mohammad
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#52
Acenaphthene
Concen: 44.851 ng m
RT: 14.32 min Scan# 1943
Delta R.T. 0.00 min
Lab File: BP002316.D
Acq: 29 May 2020 15:46

Tgt Ion	Ratio	Lower	Upper
154	100		
153	112.1	89.7	134.5
152	54.7	44.0	66.0





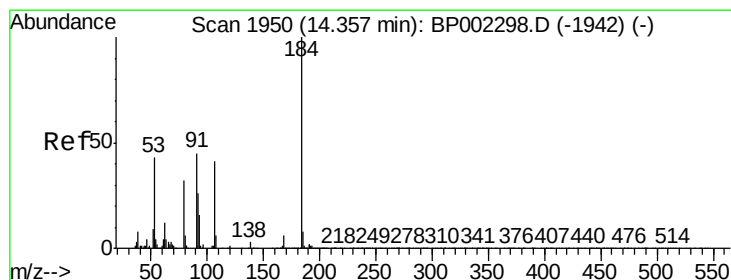
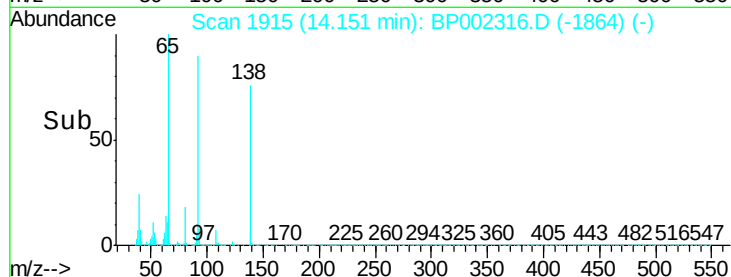
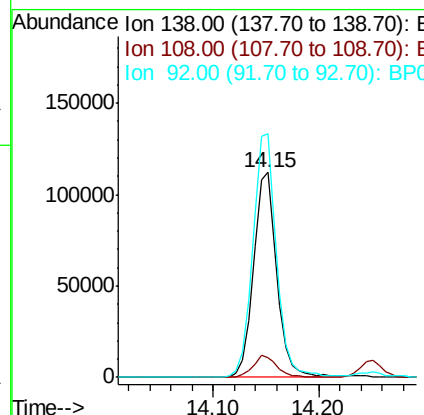
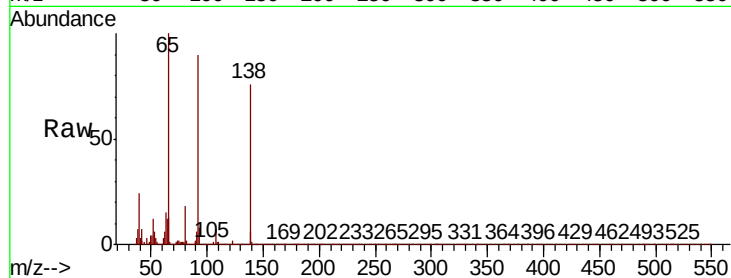
#53
3-Nitroaniline
Concen: 16.792 ng
RT: 14.15 min Scan# 1915
Delta R.T. 0.00 min
Lab File: BP002316.D
Acq: 29 May 2020 15:46

Instrument :
BNA_P
ClientSampleId :
PB129148BS

Tot Ion	Ratio	Lower	Upper
138	100		
108	9.8	8.7	13.1
92	118.7	97.2	145.8

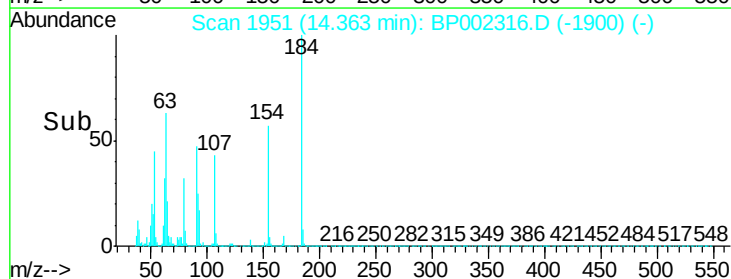
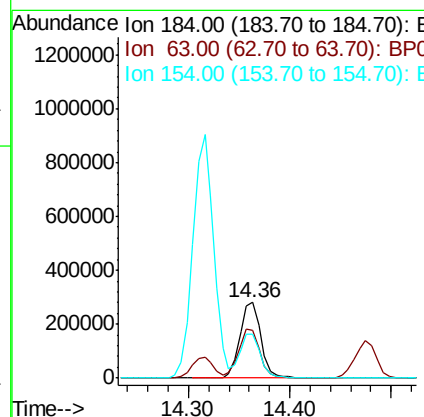
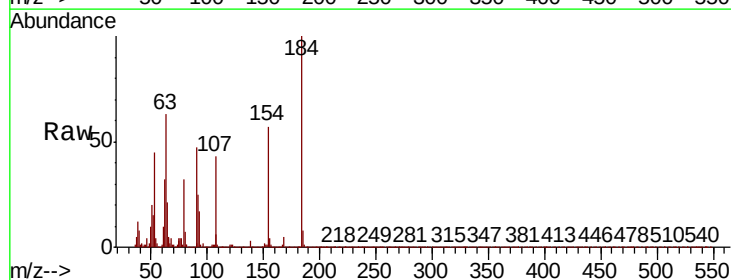
Manual Integrations
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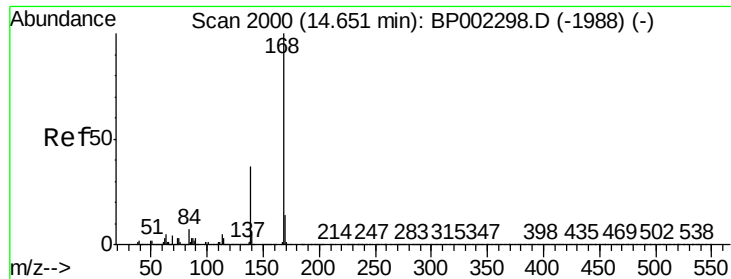
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#54
2,4-Dinitrophenol
Concen: 89.061 ng
RT: 14.36 min Scan# 1951
Delta R.T. 0.00 min
Lab File: BP002316.D
Acq: 29 May 2020 15:46

Tgt Ion	Ratio	Lower	Upper
184	100		
63	63.0	53.6	80.4
154	57.4	47.4	71.2





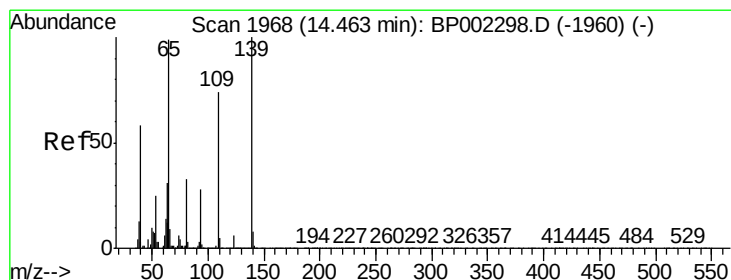
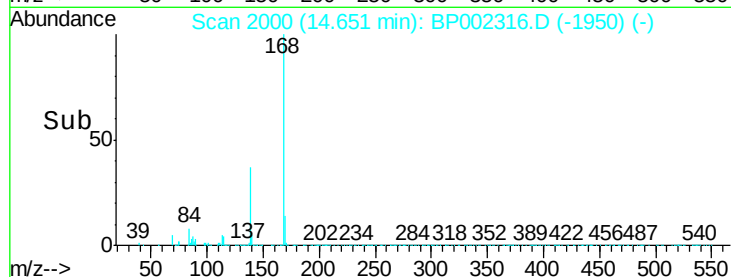
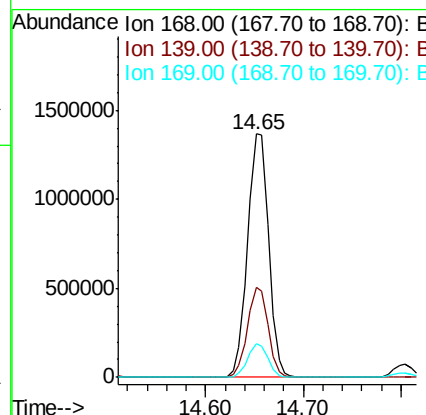
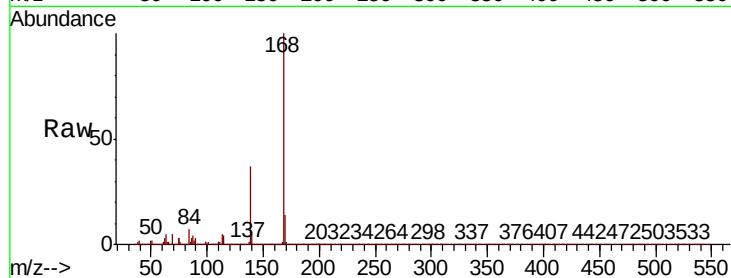
#55
Dibenzenofuran
Concen: 40.888 ng
RT: 14.65 min Scan# 2000
Delta R.T. -0.01 min
Lab File: BP002316.D
Acq: 29 May 2020 15:46

Instrument :
BNA_P
ClientSampleId :
PB129148BS

Tot Ion	Ratio	Lower	Upper
168	100		
139	36.9	28.9	43.3
169	13.7	10.6	16.0

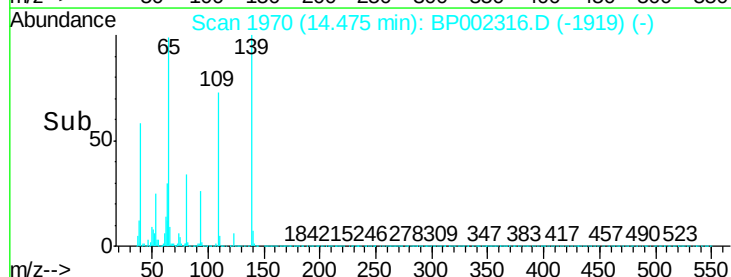
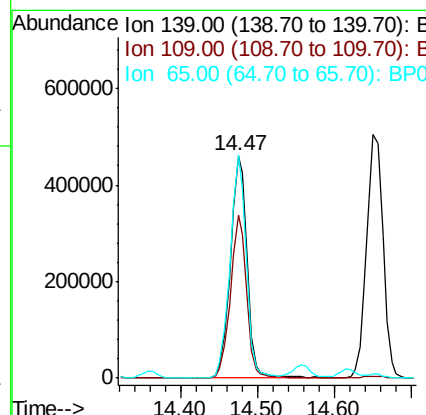
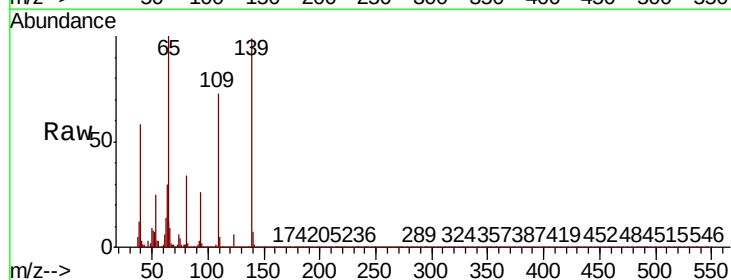
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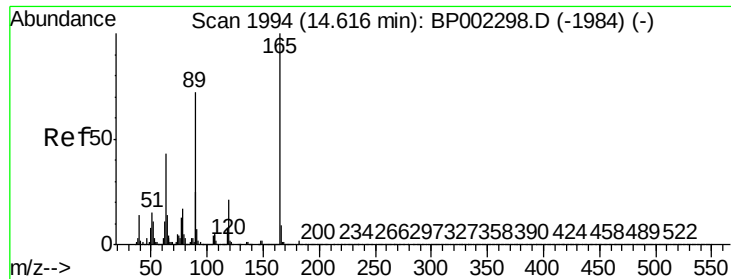
mohammad
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#56
4-Nitrophenol
Concen: 85.479 ng
RT: 14.47 min Scan# 1970
Delta R.T. 0.00 min
Lab File: BP002316.D
Acq: 29 May 2020 15:46

Tgt Ion	Ratio	Lower	Upper
139	100		
109	73.3	51.1	91.1
65	100.7	79.2	119.2





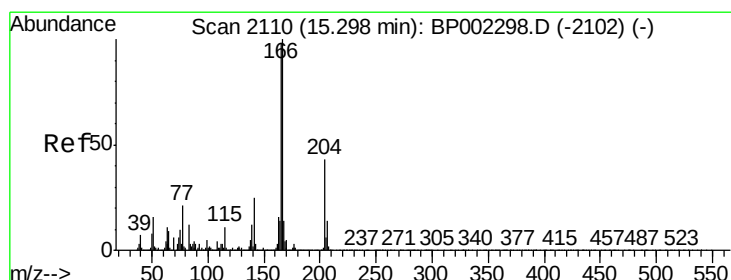
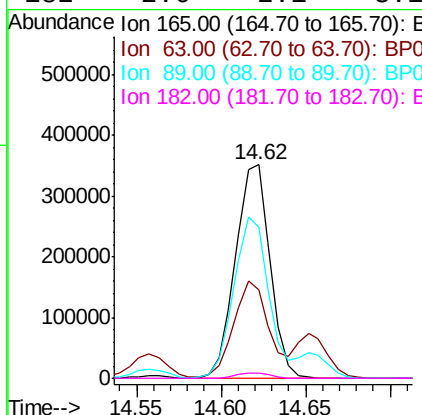
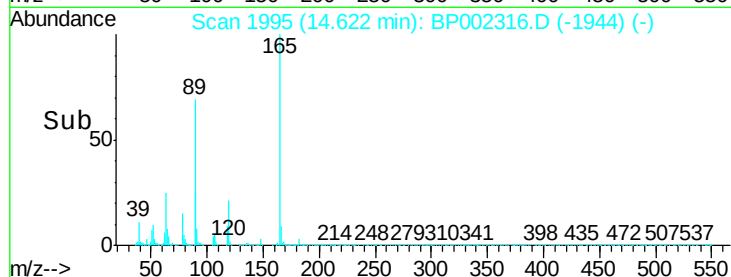
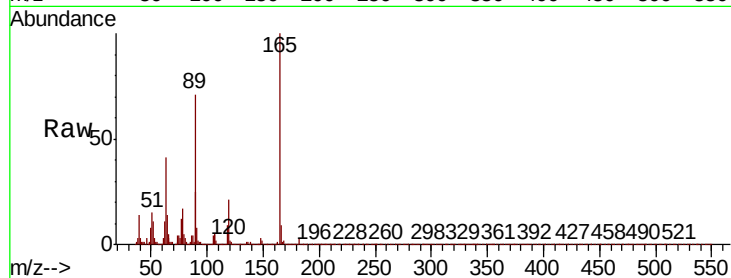
#57
2,4-Dinitrotoluene
Concen: 41.188 ng
RT: 14.62 min Scan# 1995
Delta R.T. 0.00 min
Lab File: BP002316.D
Acq: 29 May 2020 15:46

Instrument :
BNA_P
ClientSampleId :
PB129148BS

Tot Ion	Ratio	Lower	Upper
165	100		
63	41.4	36.8	55.2
89	70.7	61.6	92.4
182	2.6	2.1	3.1

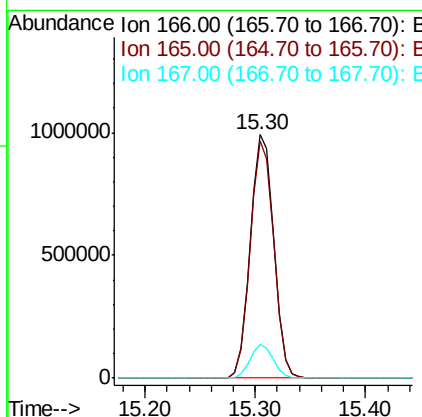
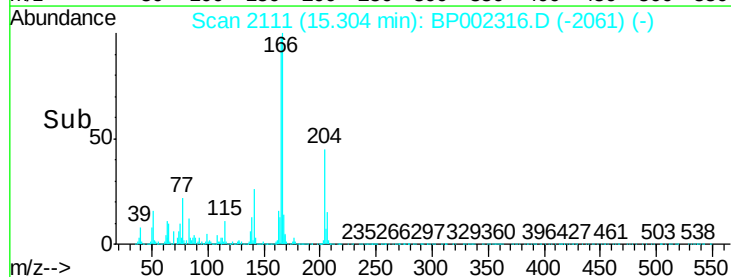
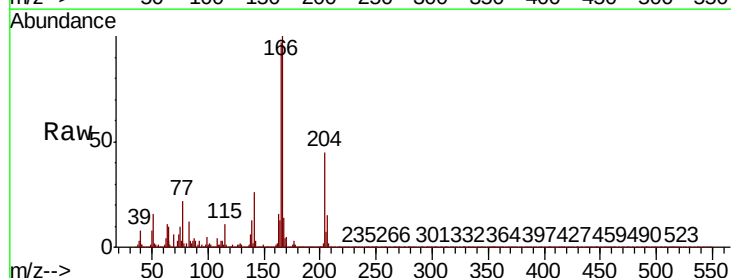
Manual Integrations
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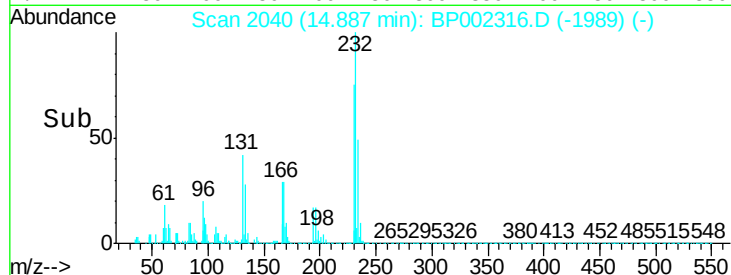
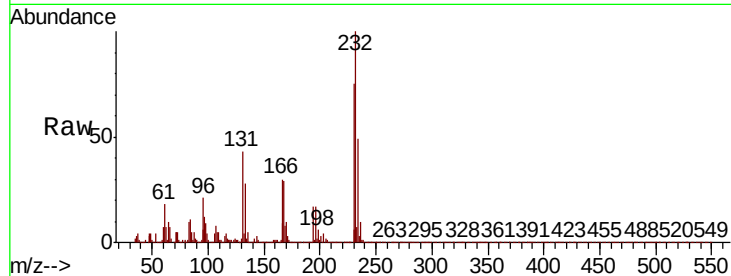
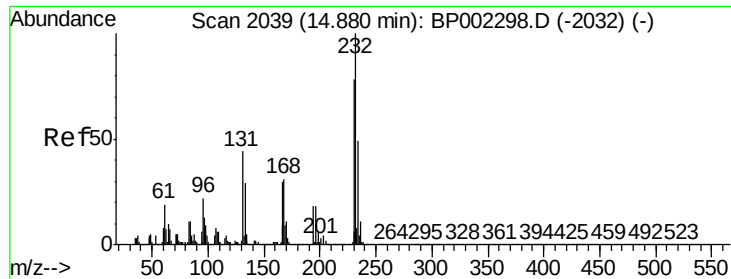
mohammad
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#58
Fluorene
Concen: 39.993 ng
RT: 15.30 min Scan# 2111
Delta R.T. -0.01 min
Lab File: BP002316.D
Acq: 29 May 2020 15:46

Tgt Ion	Ratio	Lower	Upper
166	100		
165	97.5	75.8	113.8
167	13.6	10.6	16.0





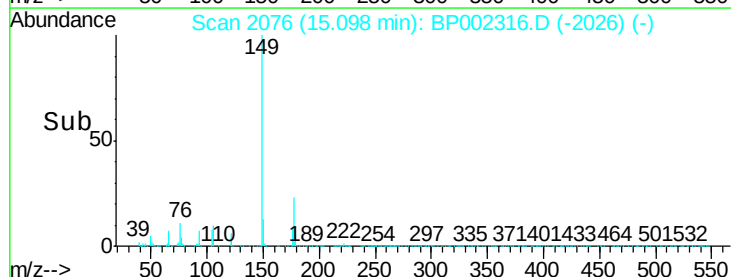
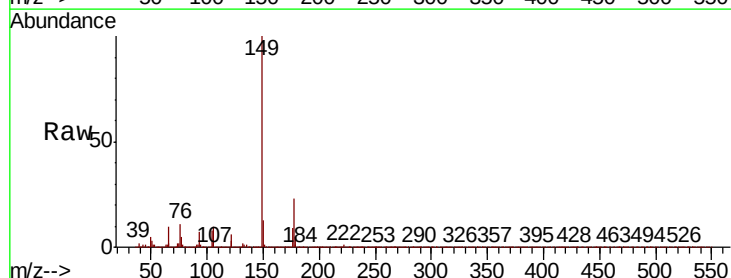
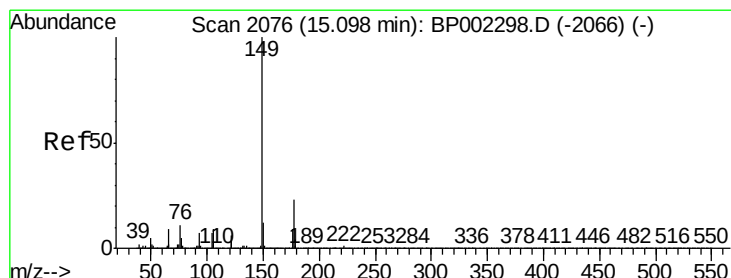
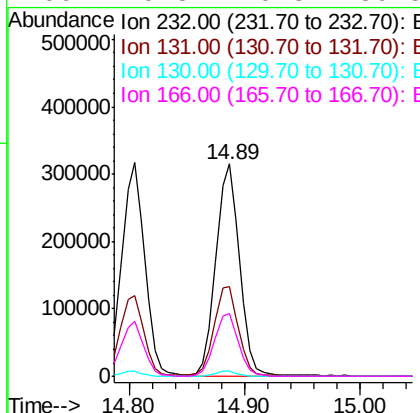
#59
2,3,4,6-Tetrachlorophenol
Concen: 42.791 ng
RT: 14.89 min Scan# 2040
Delta R.T. 0.00 min
Lab File: BP002316.D
Acq: 29 May 2020 15:46

Instrument :
BNA_P
ClientSampleId :
PB129148BS

Tot Ion	Ratio	Resp Lower	Upper
232	100		
131	43.4	32.1	48.1
130	2.3	1.8	2.8
166	29.8	20.3	30.5

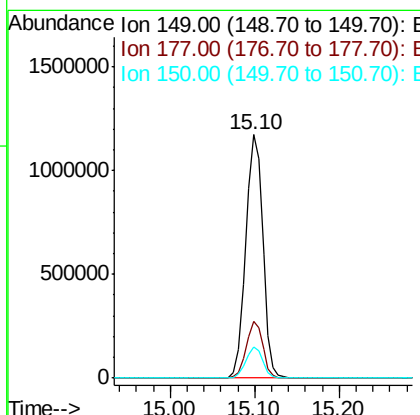
Manual Integrations
APPROVED

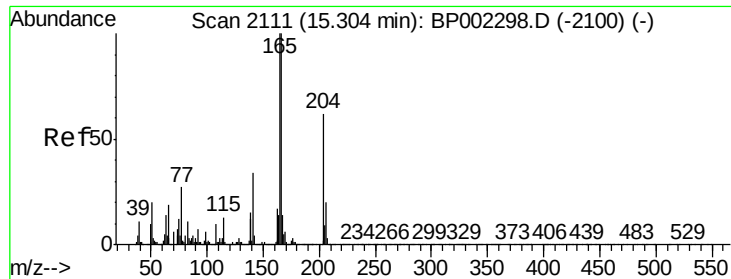
mohammad
6/1/2020 12:24:13 PM



#60
Diethylphthalate
Concen: 39.950 ng
RT: 15.10 min Scan# 2076
Delta R.T. -0.01 min
Lab File: BP002316.D
Acq: 29 May 2020 15:46

Tgt Ion	Ratio	Resp Lower	Upper
149	100		
177	23.4	18.2	27.2
150	13.0	10.2	15.4





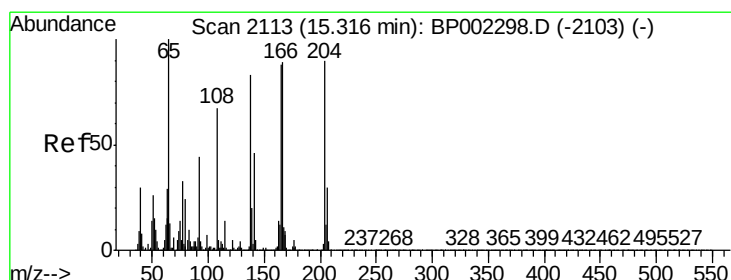
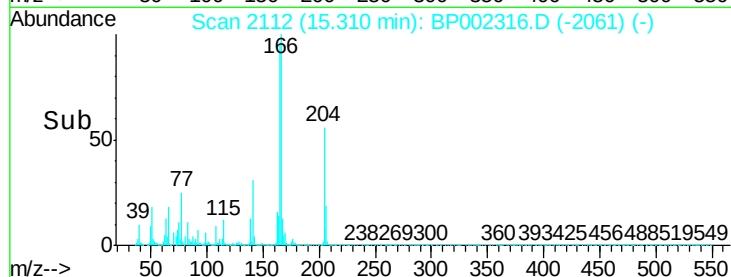
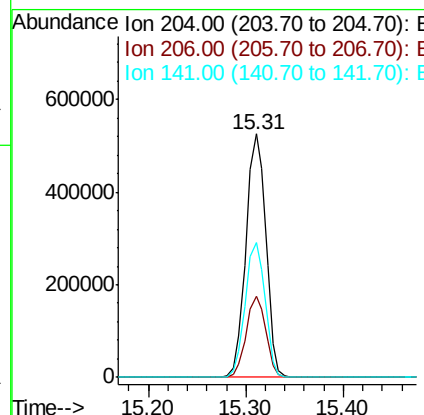
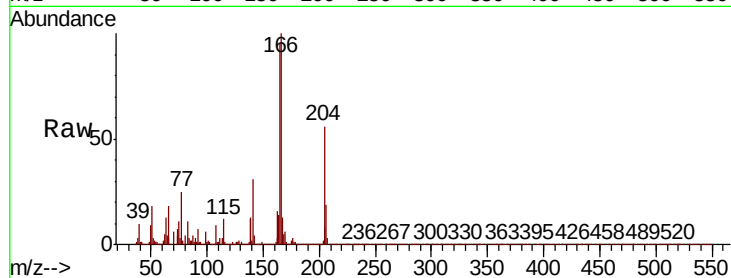
#61
4-Chlorophenyl-phenylether
Concen: 38.206 ng
RT: 15.31 min Scan# 2112
Delta R.T. 0.00 min
Lab File: BP002316.D
Acq: 29 May 2020 15:46

Instrument :
BNA_P
ClientSampleId :
PB129148BS

Tot Ion	Ratio	Resp	Lower	Upper
204	100	747477		
206	33.5	26.5	39.7	
141	55.6	45.4	68.0	

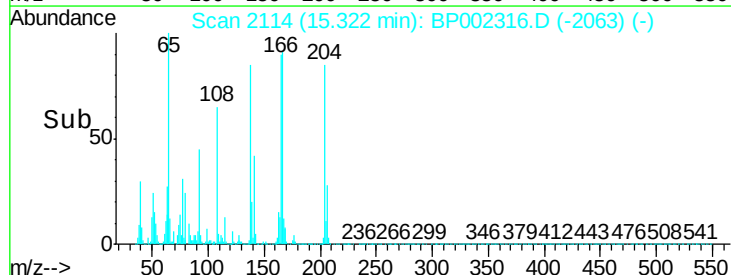
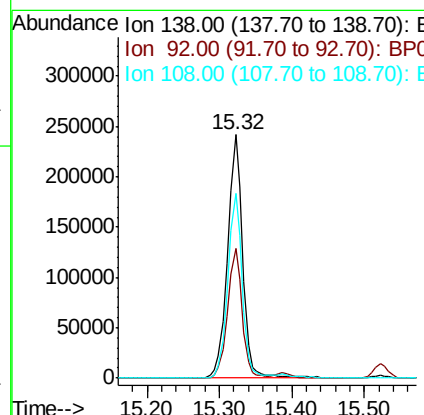
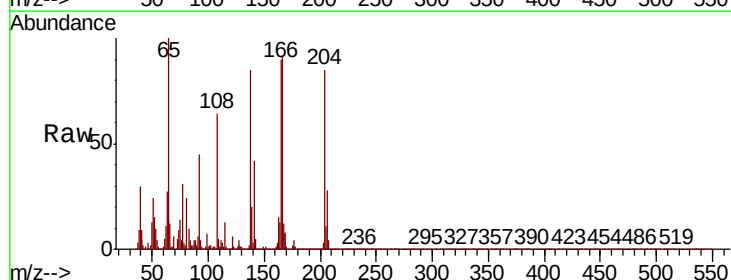
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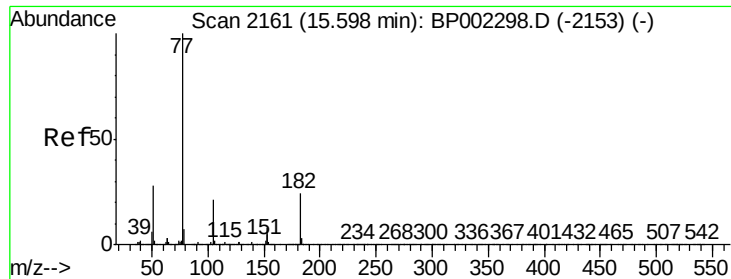
mohammad
6/1/2020 12:24:13 PM



#62
4-Nitroaniline
Concen: 36.965 ng
RT: 15.32 min Scan# 2114
Delta R.T. 0.00 min
Lab File: BP002316.D
Acq: 29 May 2020 15:46

Tgt Ion	Ratio	Resp	Lower	Upper
138	100	352798		
92	53.2	33.2	73.2	
108	76.0	60.3	100.3	





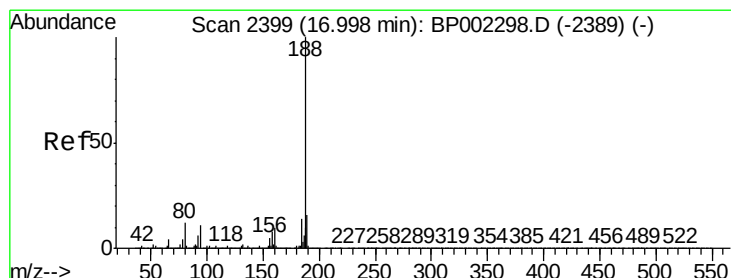
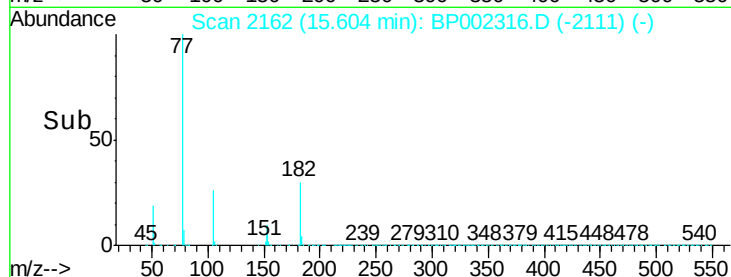
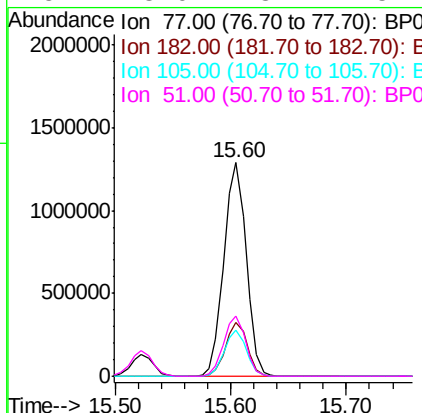
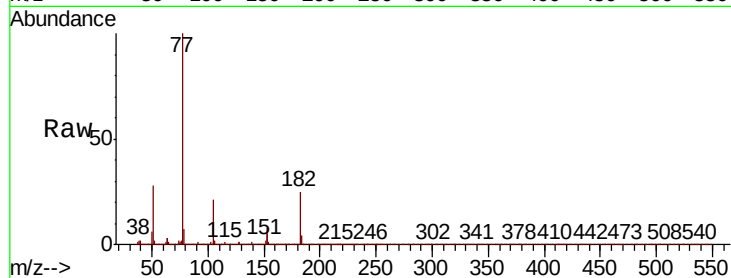
#63
Azobenzene
Concen: 41.184 ng
RT: 15.60 min Scan# 2162
Delta R.T. 0.00 min
Lab File: BP002316.D
Acq: 29 May 2020 15:46

Instrument :
BNA_P
ClientSampleId :
PB129148BS

Tot Ion	Ratio	Lower	Upper
77	100		
182	25.3	4.4	44.4
105	21.5	1.1	41.1
51	28.0	8.1	48.1

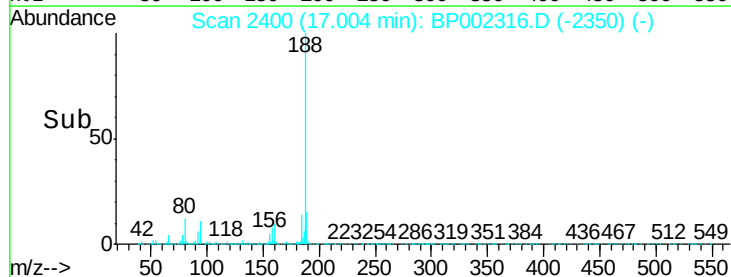
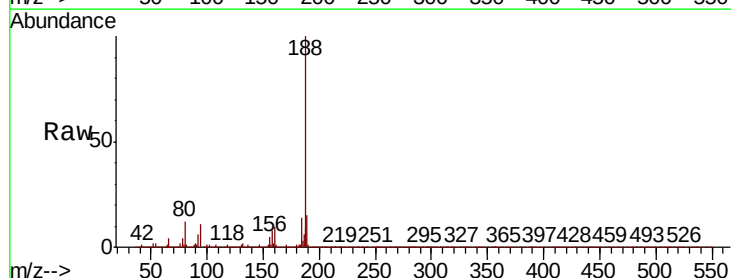
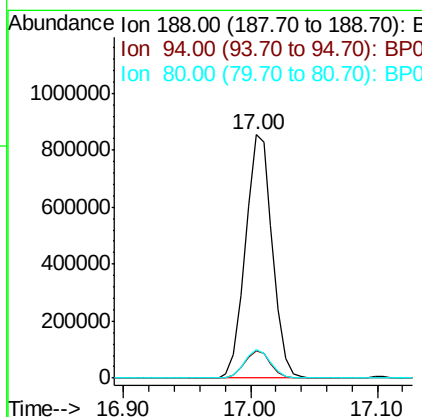
Manual Integrations
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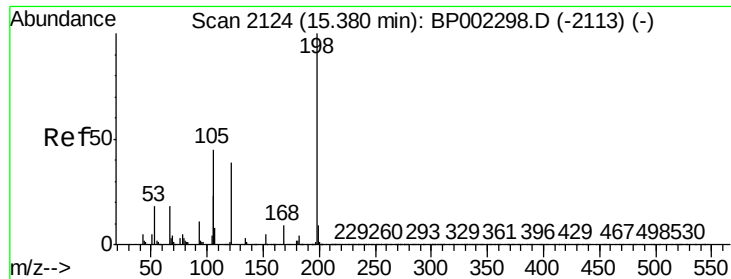
mohammad
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.00 min Scan# 2400
Delta R.T. -0.01 min
Lab File: BP002316.D
Acq: 29 May 2020 15:46

Tgt Ion	Ratio	Lower	Upper
188	100		
94	11.2	8.7	13.1
80	11.9	9.3	13.9





#65

4,6-Dinitro-2-methylphenol

Concen: 45.430 ng

RT: 15.39 min Scan# 2125

Delta R.T. -0.01 min

Lab File: BP002316.D

Acq: 29 May 2020 15:46

Instrument :

BNA_P

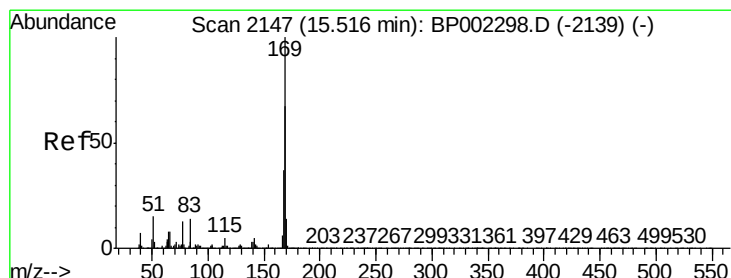
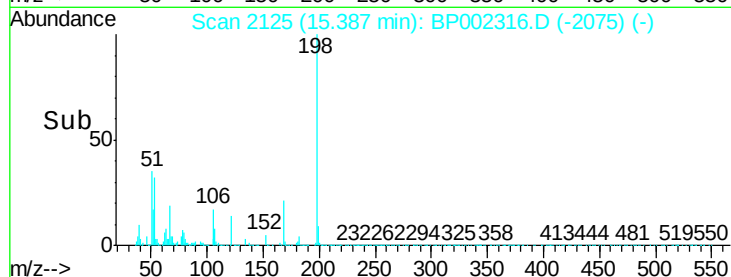
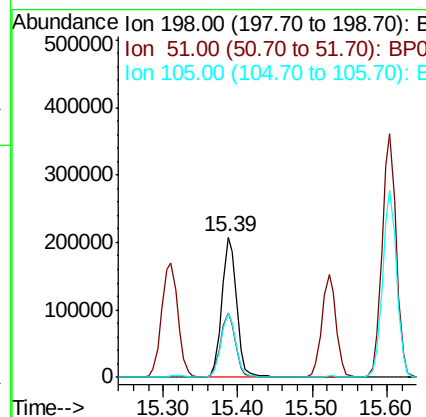
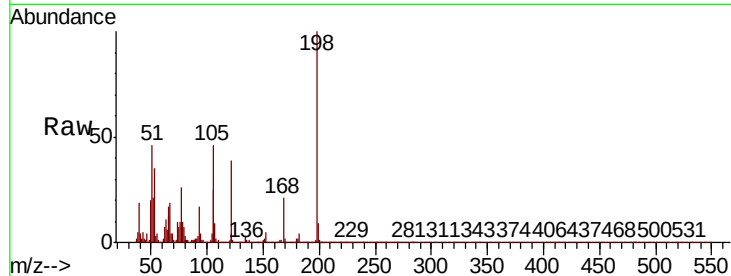
ClientSampleId :

PB129148BS

Tot Ion:	198	Resp:	281943
Ion Ratio	Lower	Upper	
198	100		
51	46.2	25.4	65.4
105	46.0	26.3	66.3

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#66

n-Nitrosodiphenylamine

Concen: 42.811 ng

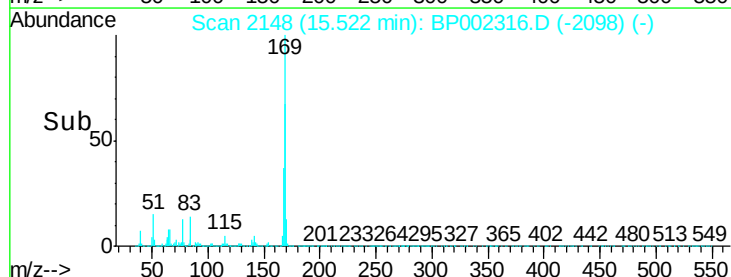
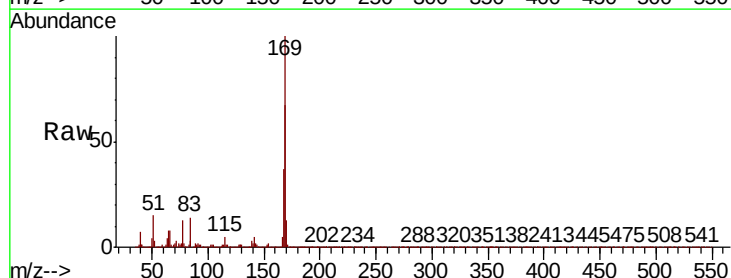
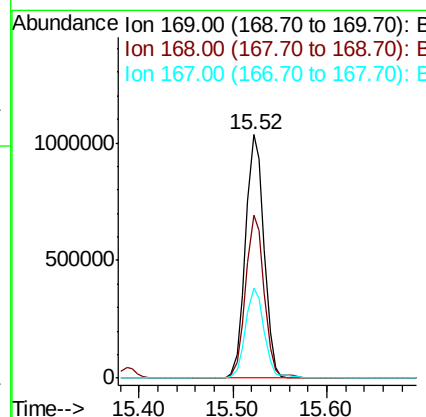
RT: 15.52 min Scan# 2148

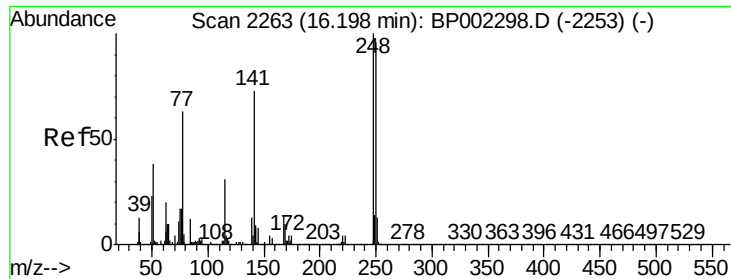
Delta R.T. -0.01 min

Lab File: BP002316.D

Acq: 29 May 2020 15:46

Tgt Ion:	169	Resp:	1410707
Ion Ratio	Lower	Upper	
169	100		
168	66.8	53.7	80.5
167	36.7	29.8	44.8





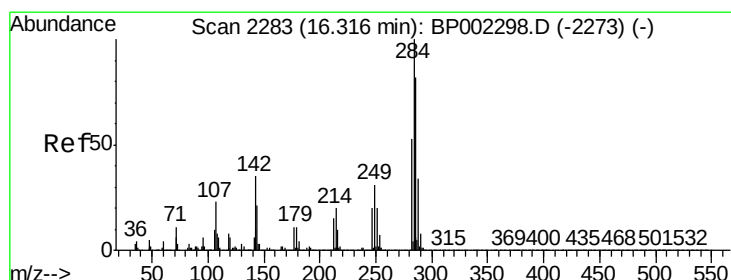
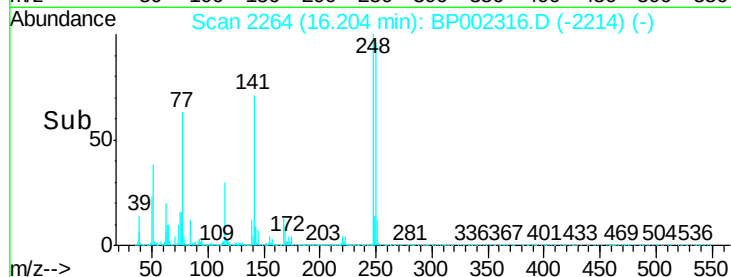
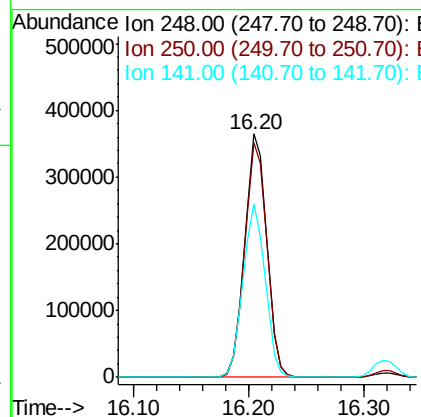
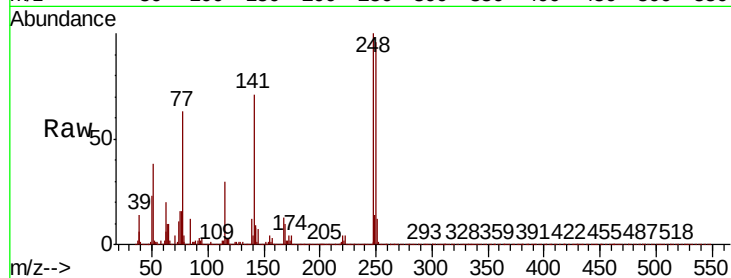
#67
4-Bromophenyl-phenylether
Concen: 39.229 ng
RT: 16.20 min Scan# 2264
Delta R.T. -0.01 min
Lab File: BP002316.D
Acq: 29 May 2020 15:46

Instrument :
BNA_P
ClientSampled :
PB129148BS

Tot Ion	Ratio	Lower	Upper
248	100		
250	96.1	77.5	116.3
141	71.3	58.4	87.6

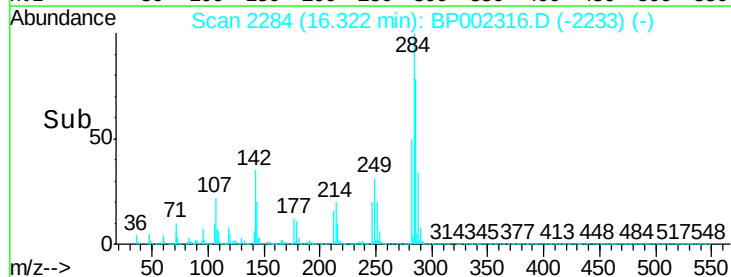
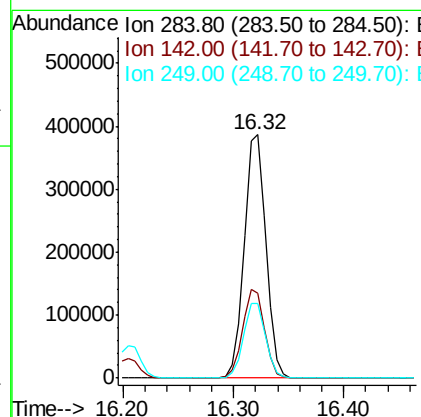
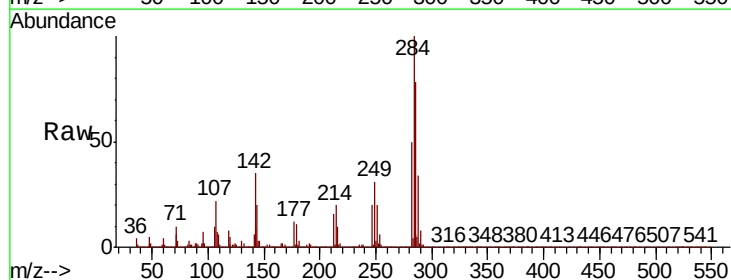
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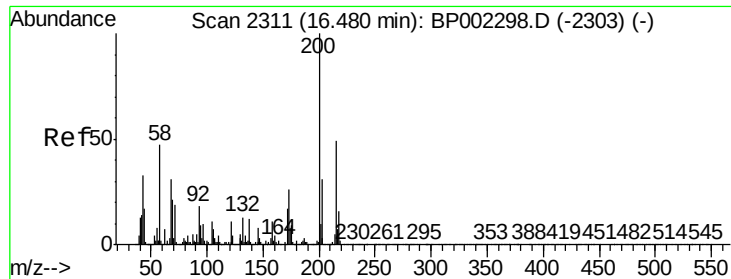
mohammad
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#68
Hexachlorobenzene
Concen: 41.011 ng
RT: 16.32 min Scan# 2284
Delta R.T. 0.00 min
Lab File: BP002316.D
Acq: 29 May 2020 15:46

Tgt Ion	Ratio	Lower	Upper
284	100		
142	34.6	27.0	40.4
249	30.7	24.6	37.0





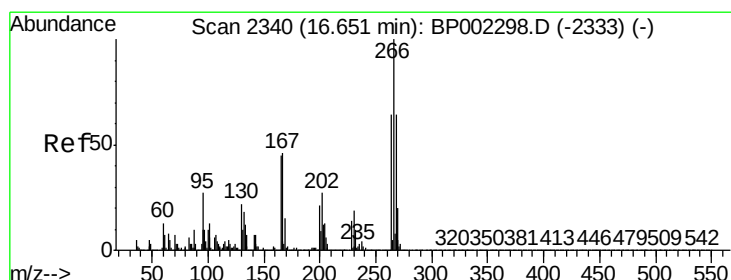
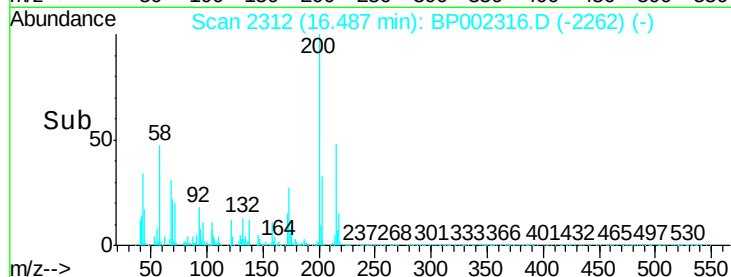
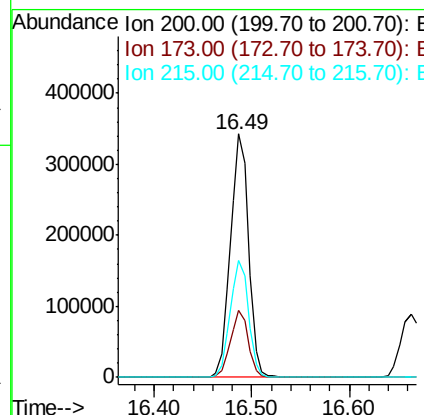
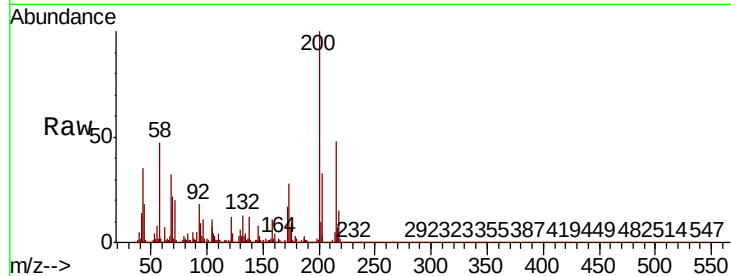
#69
Atrazine
Concen: 42.212 ng
RT: 16.49 min Scan# 2312
Delta R.T. -0.01 min
Lab File: BP002316.D
Acq: 29 May 2020 15:46

Instrument :
BNA_P
ClientSampleId :
PB129148BS

Tot Ion	Ratio	Lower	Upper
200	100		
173	27.7	6.3	46.3
215	48.2	29.8	69.8

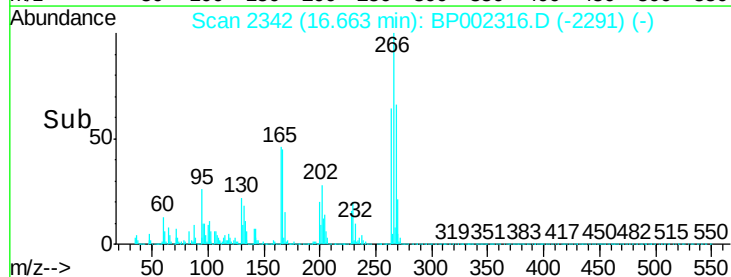
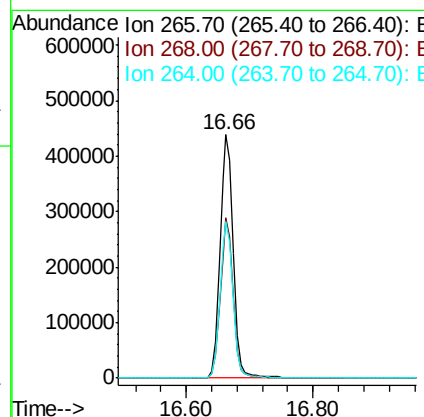
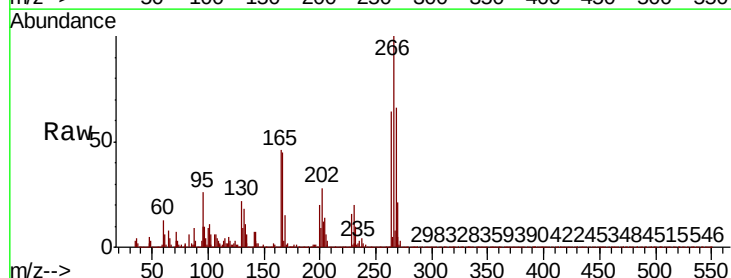
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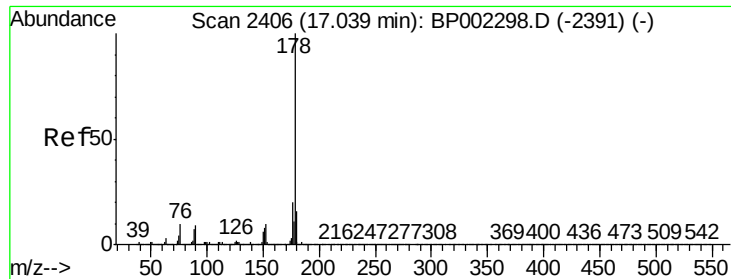
mohammad
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#70
Pentachlorophenol
Concen: 82.816 ng
RT: 16.66 min Scan# 2342
Delta R.T. 0.00 min
Lab File: BP002316.D
Acq: 29 May 2020 15:46

Tgt Ion	Ratio	Lower	Upper
266	100		
268	66.0	51.2	76.8
264	64.2	48.3	72.5





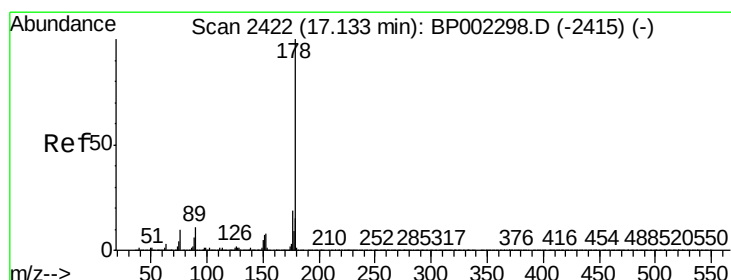
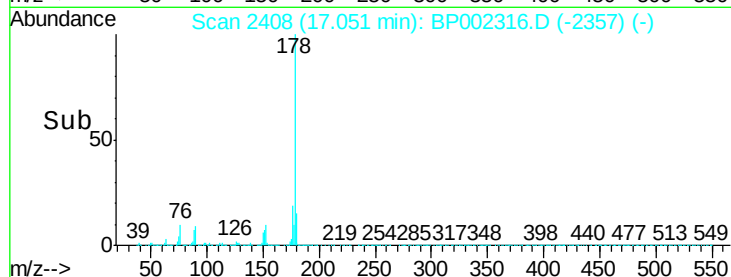
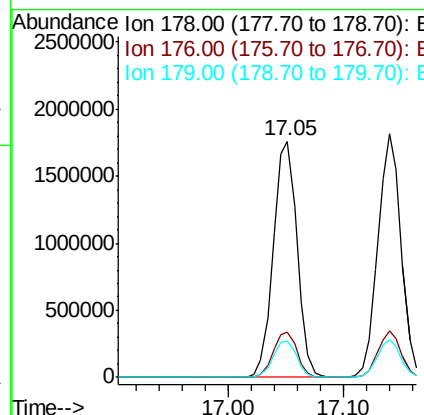
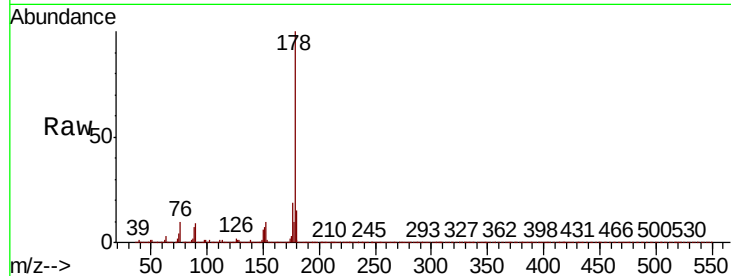
#71
Phenanthrene
Concen: 42.371 ng
RT: 17.05 min Scan# 2408
Delta R.T. 0.00 min
Lab File: BP002316.D
Acq: 29 May 2020 15:46

Instrument :
BNA_P
ClientSampleId :
PB129148BS

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.3	15.8	23.8
179	15.1	12.6	18.8

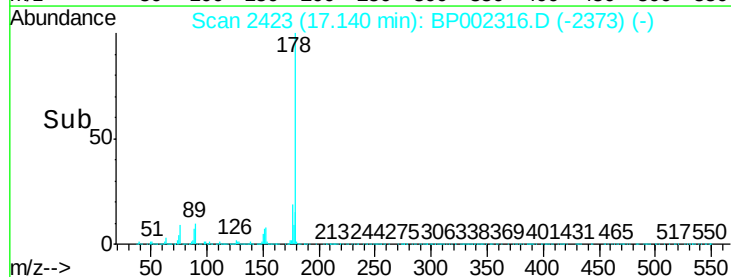
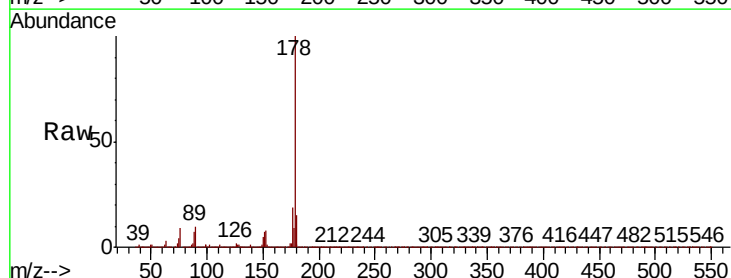
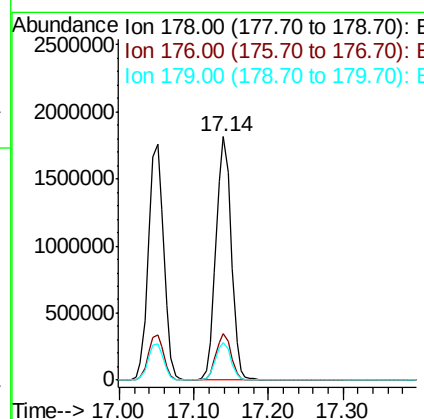
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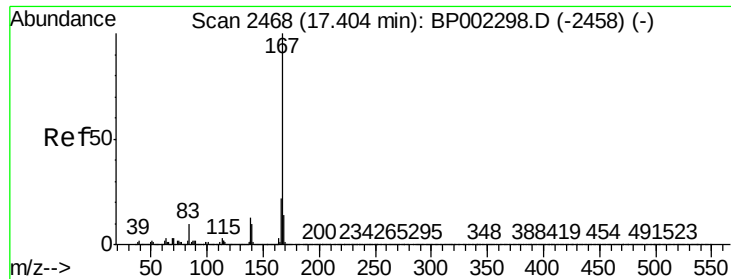
mohammad
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#72
Anthracene
Concen: 43.849 ng
RT: 17.14 min Scan# 2423
Delta R.T. -0.01 min
Lab File: BP002316.D
Acq: 29 May 2020 15:46

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.1	15.2	22.8
179	15.5	12.6	19.0





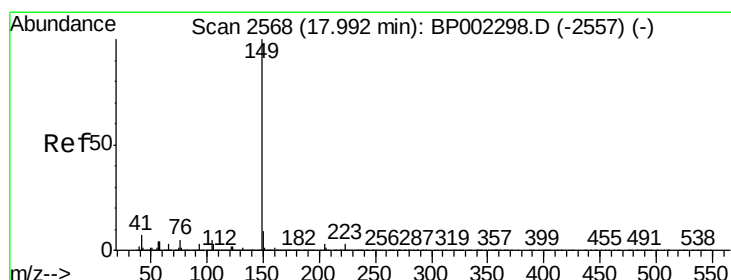
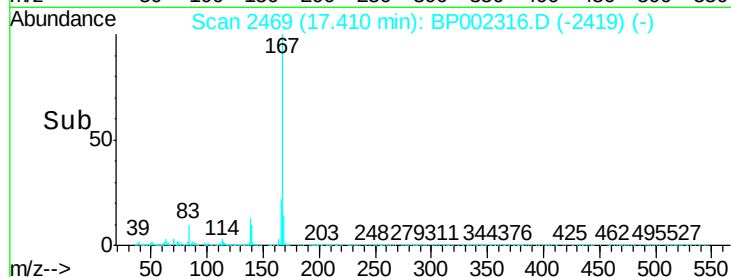
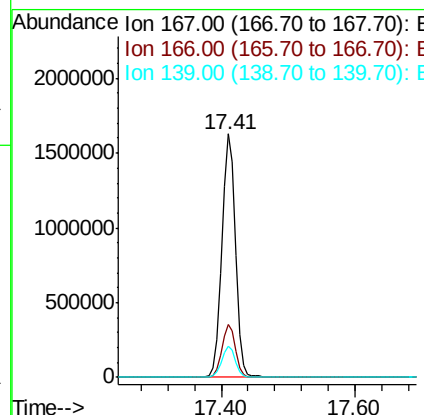
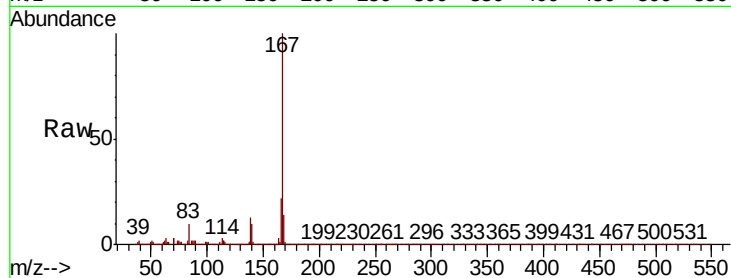
#73
 Carbazole
 Concen: 41.044 ng
 RT: 17.41 min Scan# 2469
 Delta R.T. -0.01 min
 Lab File: BP002316.D
 Acq: 29 May 2020 15:46

Instrument :
 BNA_P
 ClientSampleId :
 PB129148BS

Tot Ion	Ratio	Lower	Upper
167	100		
166	21.8	16.7	25.1
139	12.9	9.8	14.8

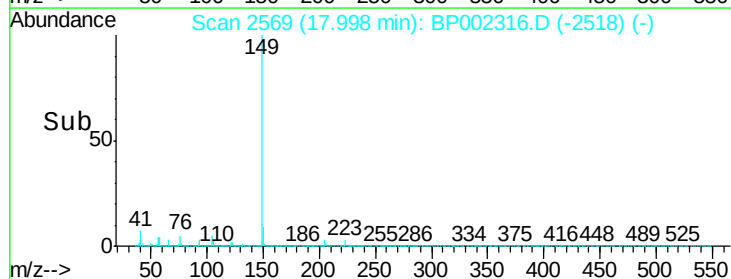
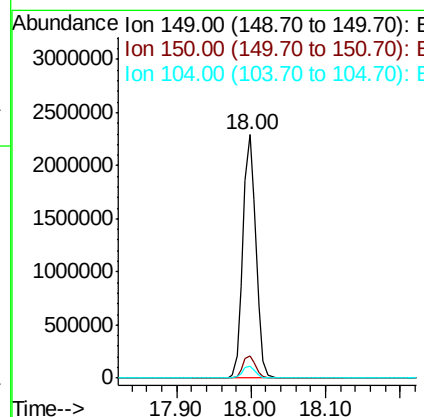
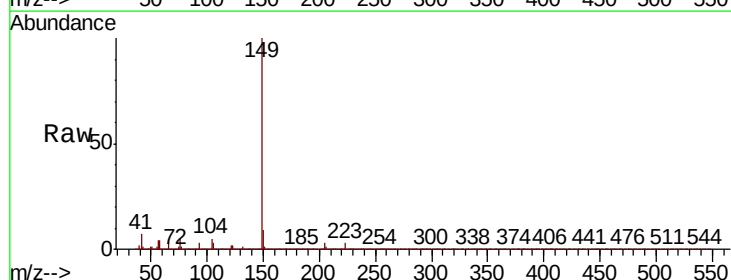
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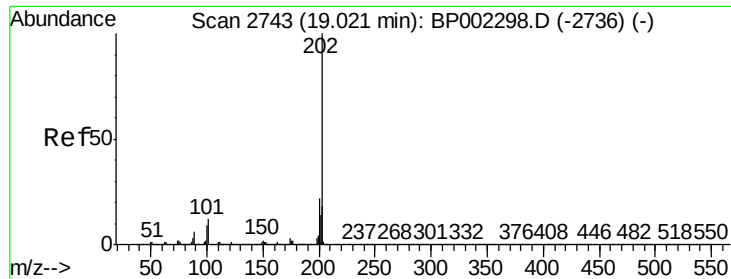
mohammad
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#74
 Di-n-butylphthalate
 Concen: 42.575 ng
 RT: 18.00 min Scan# 2569
 Delta R.T. 0.00 min
 Lab File: BP002316.D
 Acq: 29 May 2020 15:46

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.1	7.5	11.3
104	5.0	4.2	6.4





#75

Fluoranthene

Concen: 41.642 ng

RT: 19.03 min Scan# 2745

Delta R.T. 0.00 min

Lab File: BP002316.D

Acq: 29 May 2020 15:46

Instrument :

BNA_P

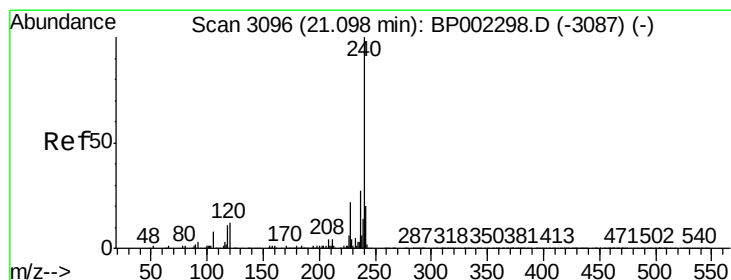
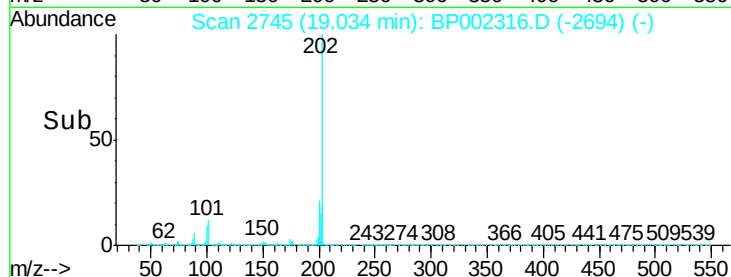
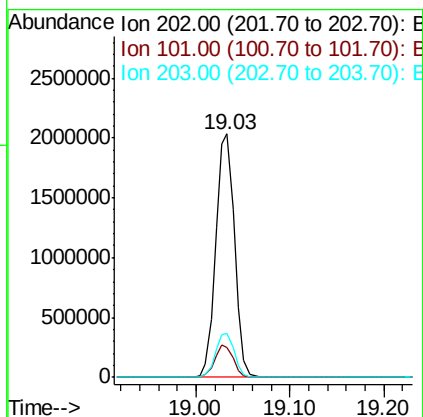
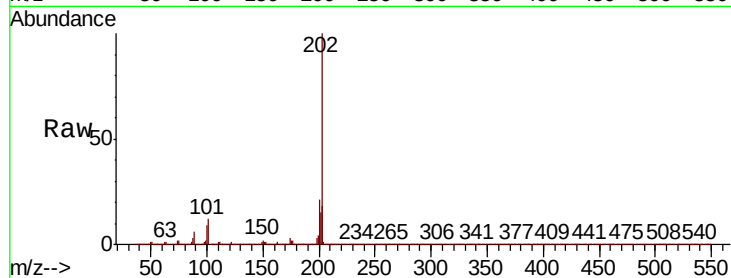
ClientSampled :

PB129148BS

Tot Ion:	202	Resp:	2851126
Ion	Ratio	Lower	Upper
202	100		
101	12.4	0.0	32.1
203	18.2	0.0	37.6

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#76

Chrysene-d12

Concen: 20.000 ng

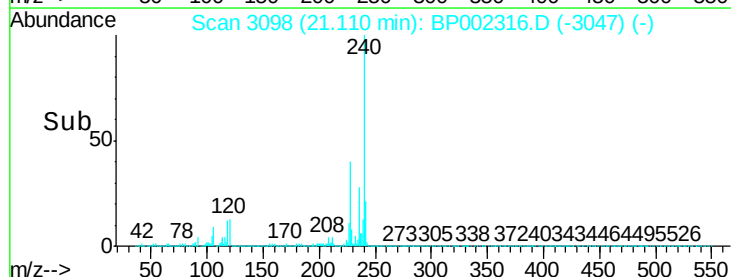
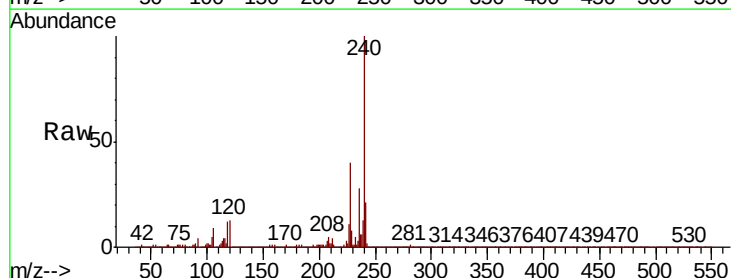
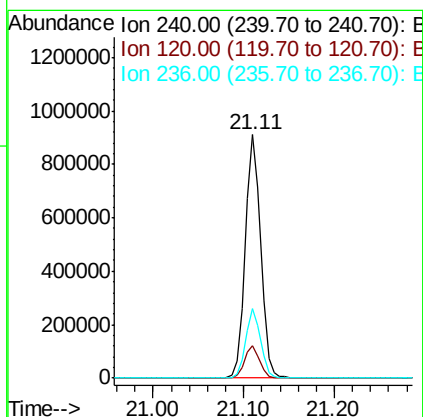
RT: 21.11 min Scan# 3098

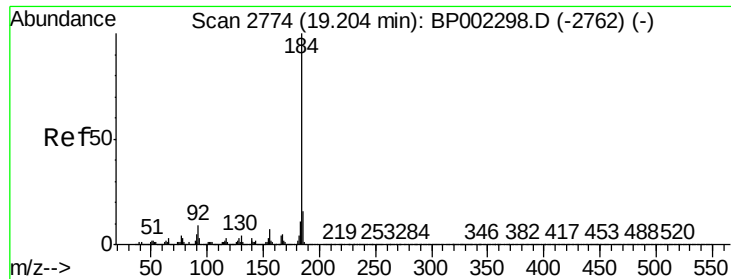
Delta R.T. 0.00 min

Lab File: BP002316.D

Acq: 29 May 2020 15:46

Tgt Ion:	240	Resp:	1075417
Ion	Ratio	Lower	Upper
240	100		
120	13.1	8.7	13.1
236	28.4	21.0	31.4





#77

Benzidine

Concen: 53.737 ng

RT: 19.22 min Scan# 2776

Delta R.T. 0.00 min

Lab File: BP002316.D

Acq: 29 May 2020 15:46

Instrument :

BNA_P

ClientSampleId :

PB129148BS

Tot Ion:184 Resp: 1173578

Ion Ratio Lower Upper

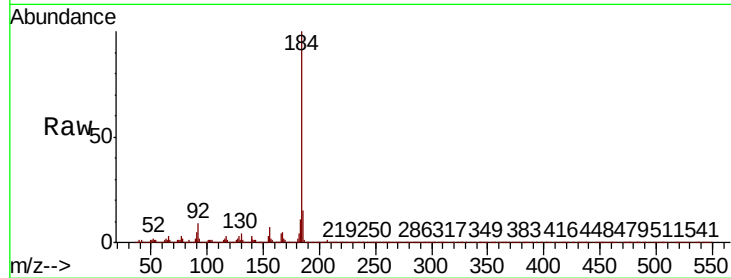
184 100

185 14.6 12.1 18.1

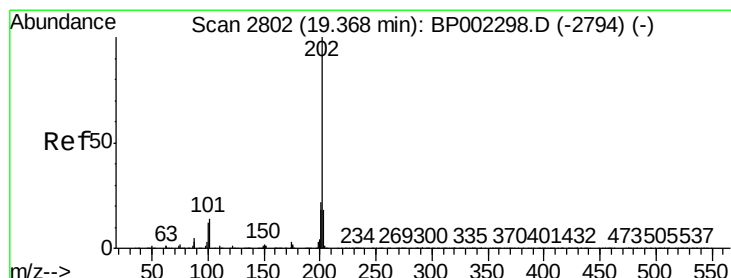
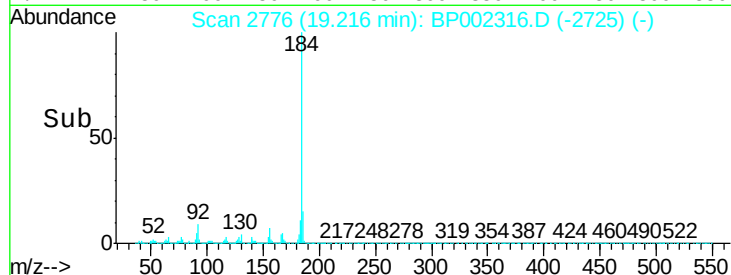
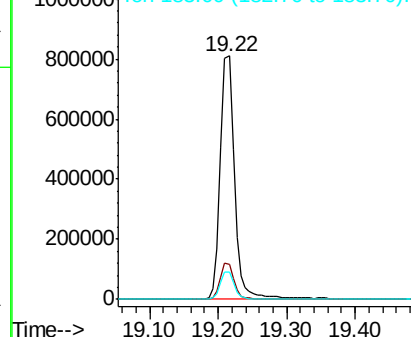
183 11.5 9.1 13.7

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Abundance Ion 184.00 (183.70 to 184.70): E
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 44.463 ng

RT: 19.38 min Scan# 2804

Delta R.T. -0.01 min

Lab File: BP002316.D

Acq: 29 May 2020 15:46

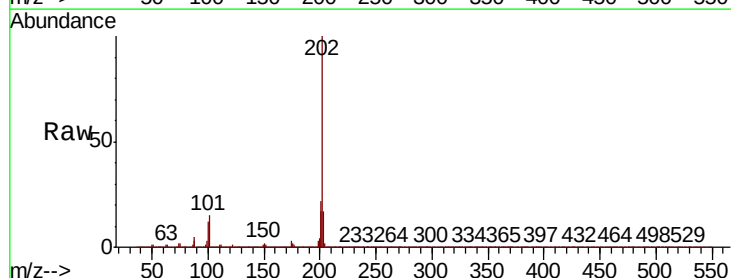
Tgt Ion:202 Resp: 2977491

Ion Ratio Lower Upper

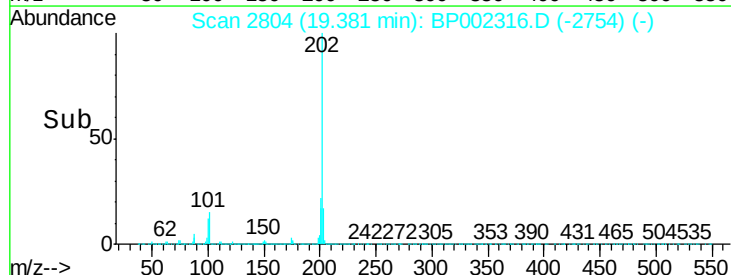
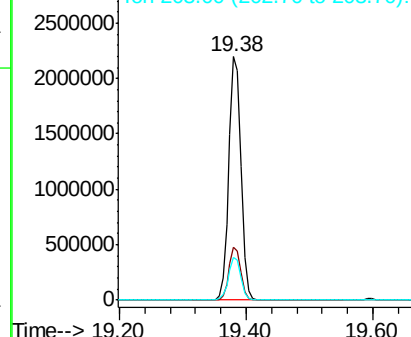
202 100

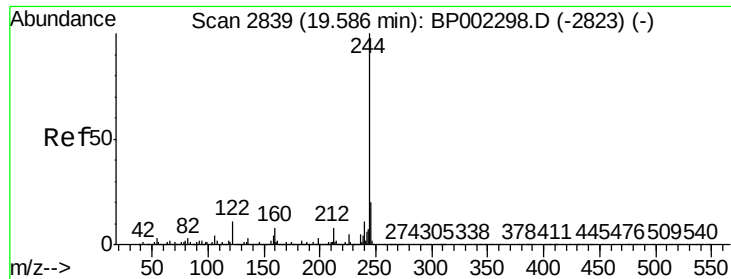
200 21.5 17.3 25.9

203 17.4 13.8 20.6



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 87.911 ng

RT: 19.59 min Scan# 2840

Delta R.T. -0.01 min

Lab File: BP002316.D

Acq: 29 May 2020 15:46

Instrument :

BNA_P

ClientSampleId :

PB129148BS

Tot Ion:244 Resp: 3903866

Ion Ratio Lower Upper

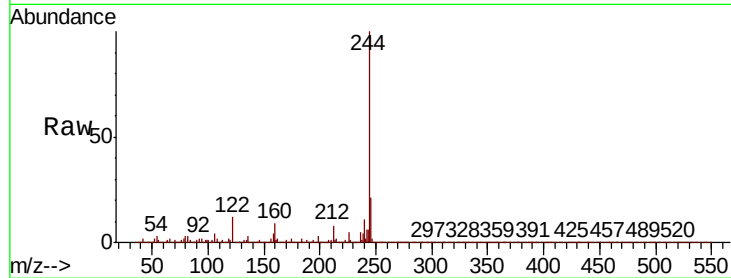
244 100

212 8.1 6.4 9.6

122 11.6 9.4 14.0

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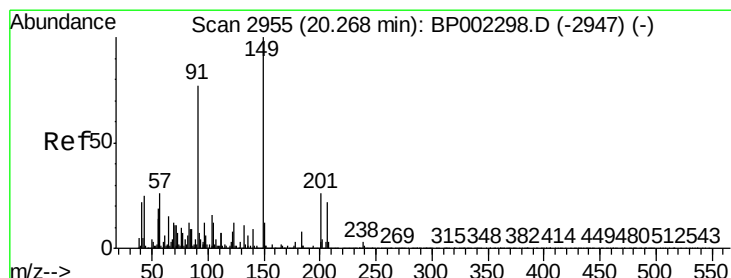
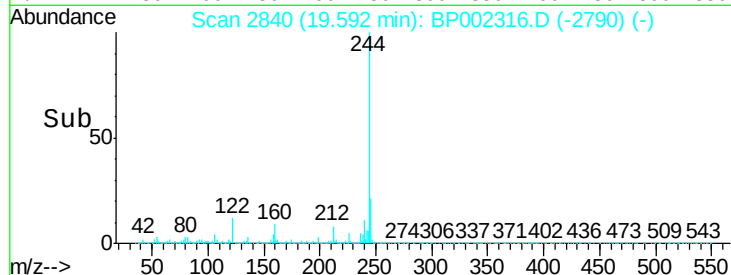
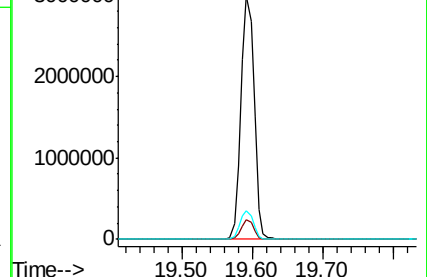
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Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 46.132 ng

RT: 20.28 min Scan# 2957

Delta R.T. 0.00 min

Lab File: BP002316.D

Acq: 29 May 2020 15:46

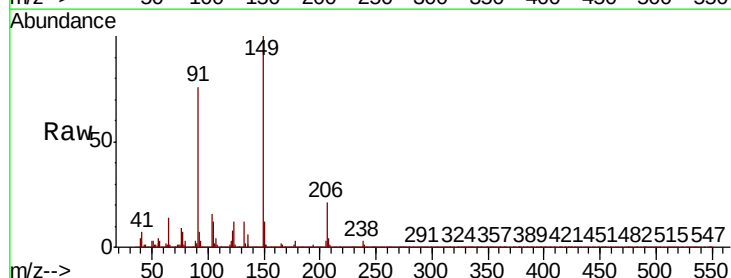
Tgt Ion:149 Resp: 1229941

Ion Ratio Lower Upper

149 100

91 75.9 56.6 84.8

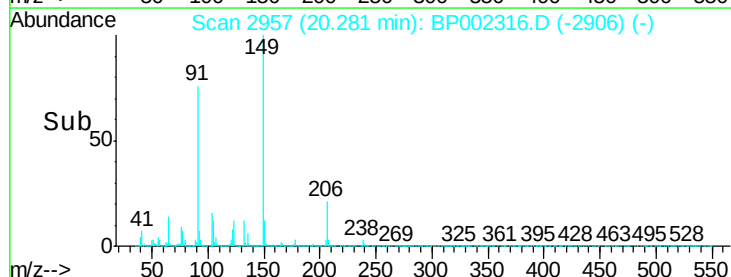
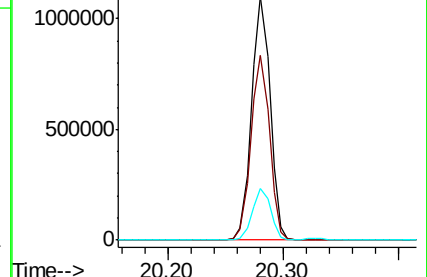
206 21.3 18.7 28.1

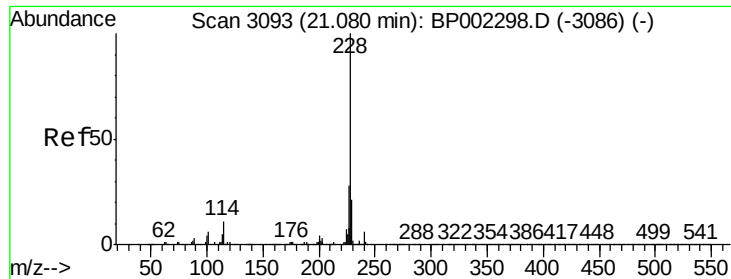


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BP0

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 42.741 ng

RT: 21.09 min Scan# 3095

Delta R.T. -0.01 min

Lab File: BP002316.D

Acq: 29 May 2020 15:46

Instrument :

BNA_P

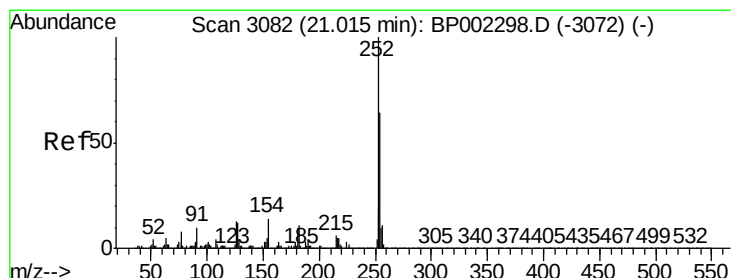
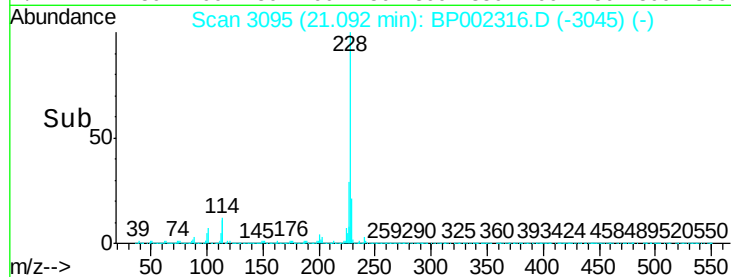
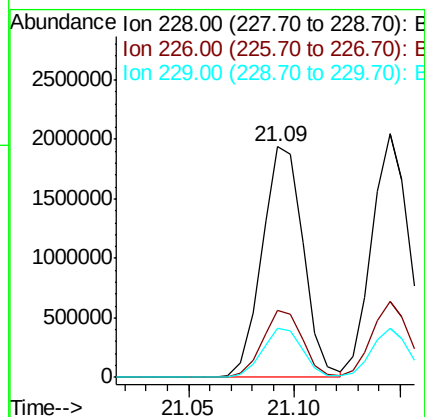
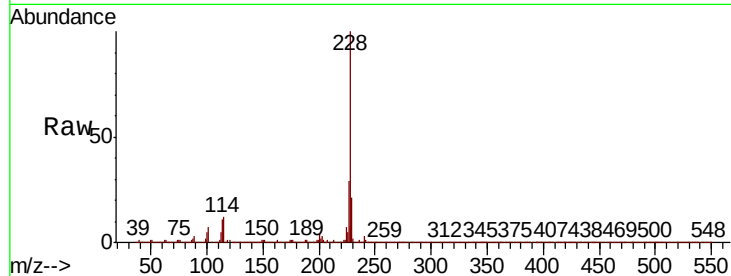
ClientSampled :

PB129148BS

Tot Ion:	228	Resp:	2631154
Ion	Ratio	Lower	Upper
228	100		
226	29.0	22.7	34.1
229	21.2	16.3	24.5

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#82

3,3'-Dichlorobenzidine

Concen: 27.682 ng

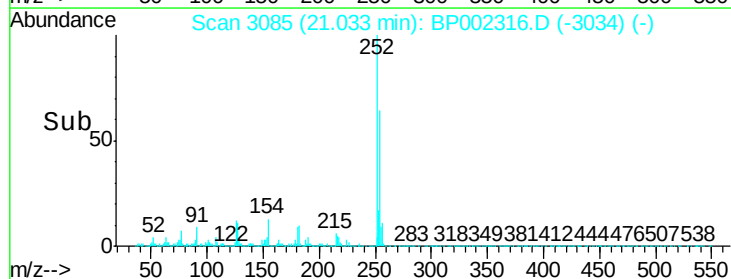
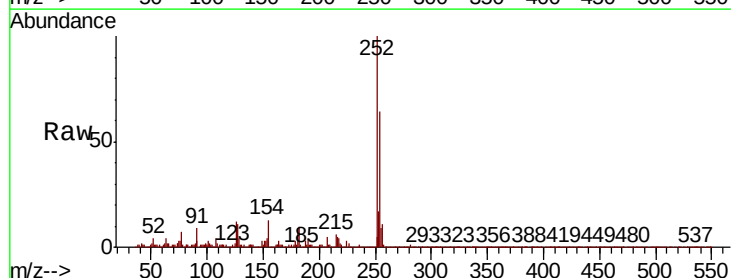
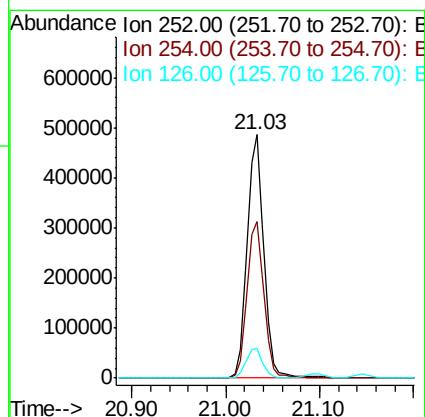
RT: 21.03 min Scan# 3085

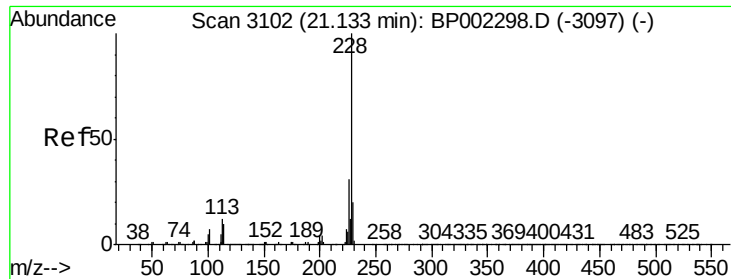
Delta R.T. 0.00 min

Lab File: BP002316.D

Acq: 29 May 2020 15:46

Tgt Ion:	252	Resp:	597042
Ion	Ratio	Lower	Upper
252	100		
254	64.4	52.2	78.2
126	12.2	8.3	12.5





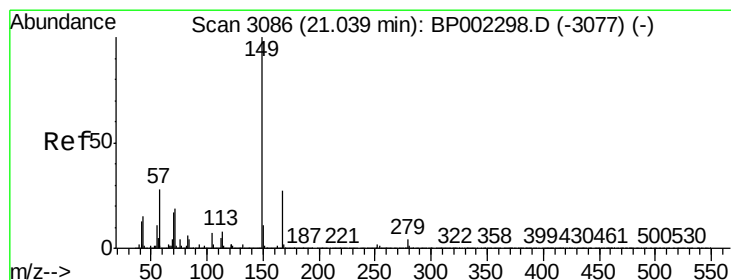
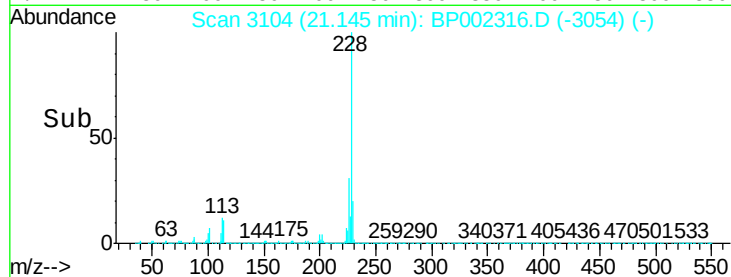
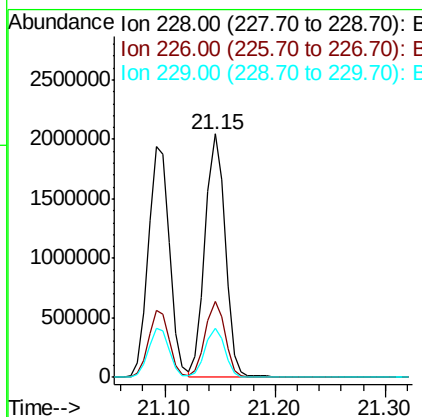
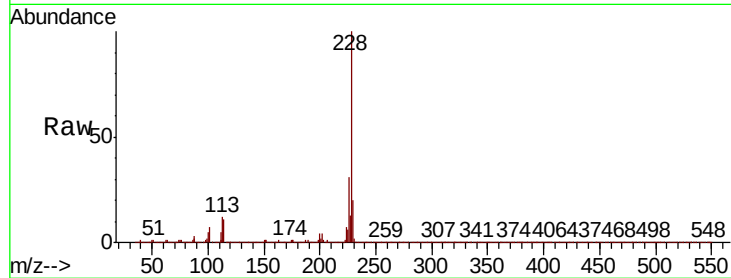
#83
Chrysene
Concen: 42.907 ng
RT: 21.15 min Scan# 3104
Delta R.T. -0.01 min
Lab File: BP002316.D
Acq: 29 May 2020 15:46

Instrument :
BNA_P
ClientSampled :
PB129148BS

Tot Ion:228 Resp: 2534996
Ion Ratio Lower Upper
228 100
226 31.4 25.0 37.6
229 20.3 16.2 24.4

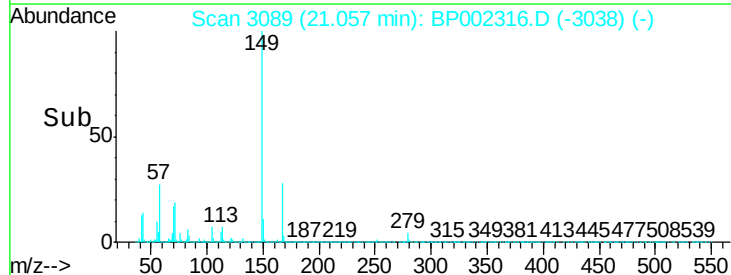
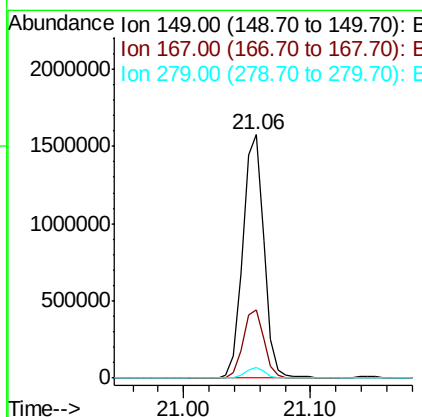
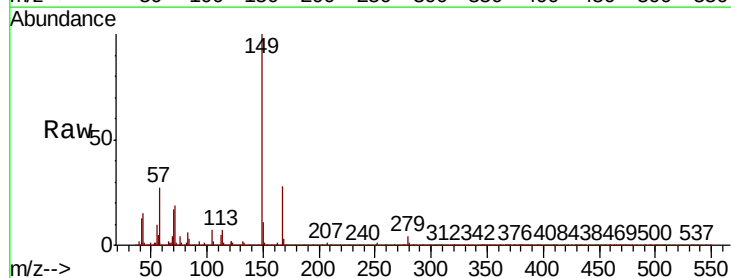
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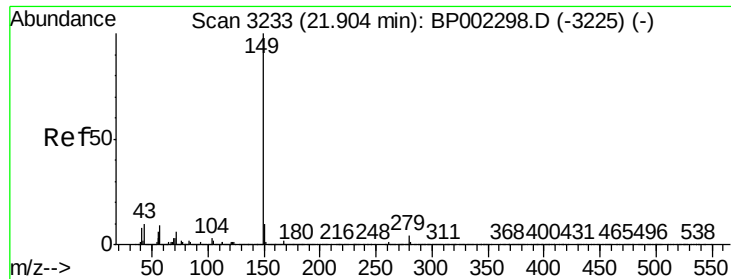
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#84
Bis(2-ethylhexyl)phthalate
Concen: 44.343 ng
RT: 21.06 min Scan# 3089
Delta R.T. 0.00 min
Lab File: BP002316.D
Acq: 29 May 2020 15:46

Tgt Ion:149 Resp: 1806566
Ion Ratio Lower Upper
149 100
167 28.0 23.0 34.6
279 4.4 3.9 5.9





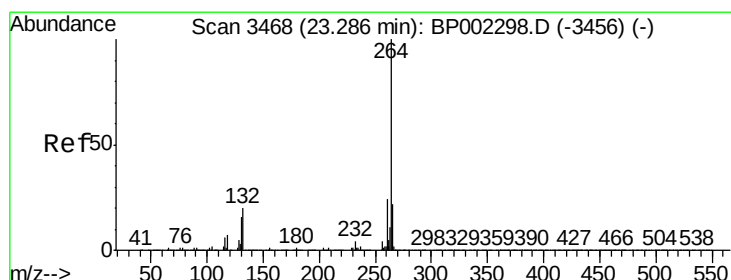
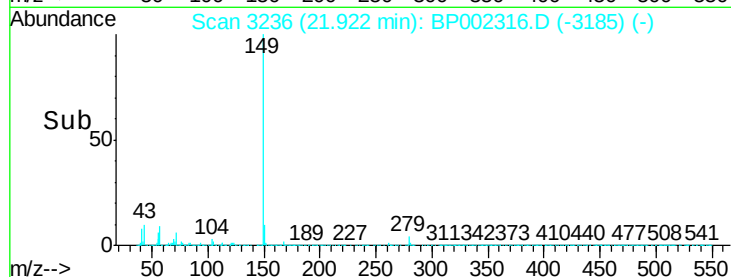
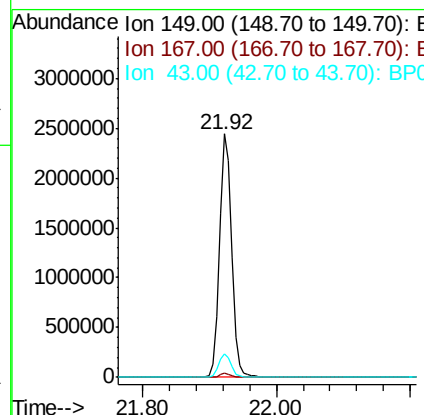
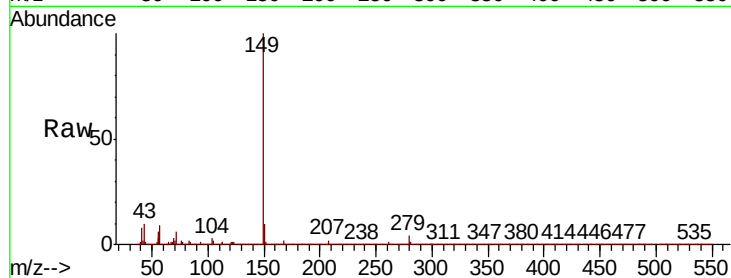
#85
Di-n-octyl phthalate
Concen: 46.433 ng
RT: 21.92 min Scan# 3236
Delta R.T. 0.00 min
Lab File: BP002316.D
Acq: 29 May 2020 15:46

Instrument :
BNA_P
ClientSampleId :
PB129148BS

Tot Ion:149 Resp: 3144134
Ion Ratio Lower Upper
149 100
167 1.5 1.3 1.9
43 9.8 7.3 10.9

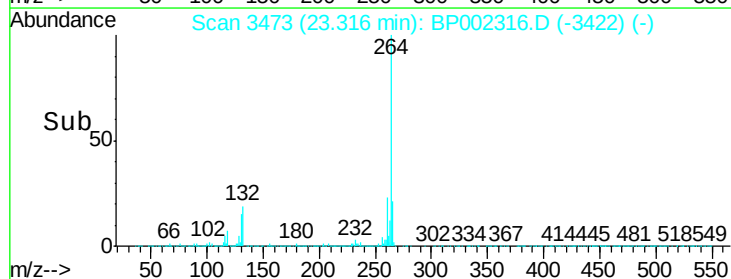
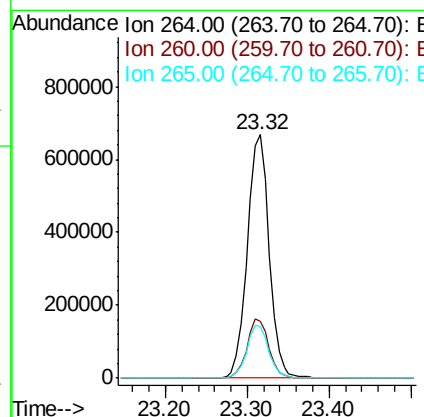
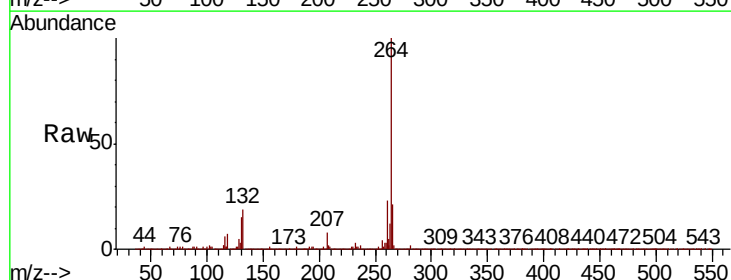
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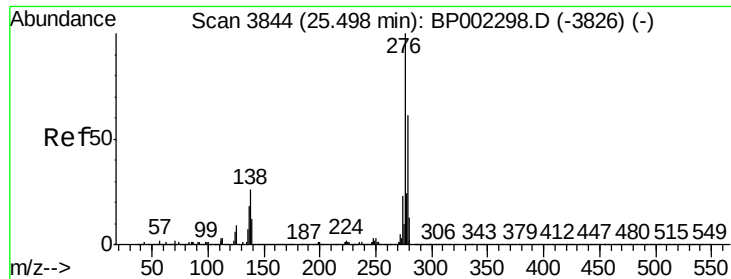
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#86
Perylene-d12
Concen: 20.000 ng
RT: 23.32 min Scan# 3473
Delta R.T. 0.00 min
Lab File: BP002316.D
Acq: 29 May 2020 15:46

Tgt Ion:264 Resp: 1240463
Ion Ratio Lower Upper
264 100
260 23.4 19.4 29.2
265 21.3 17.8 26.6





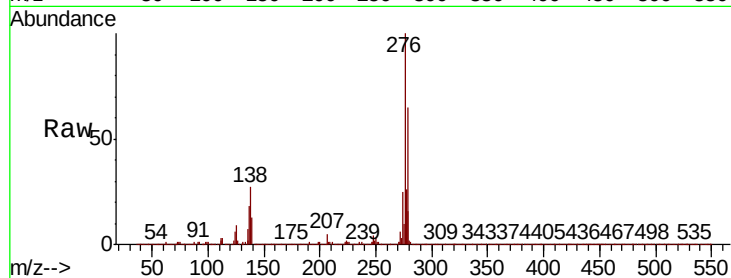
#87
 Indeno(1,2,3-cd)pyrene
 Concen: 45.354 ng
 RT: 25.54 min Scan# 3851
 Delta R.T. -0.01 min
 Lab File: BP002316.D
 Acq: 29 May 2020 15:46

Instrument :
 BNA_P
 ClientSampled :
 PB129148BS

Tot Ion	Ratio	Lower	Upper
276	100		
138	27.7	18.2	27.4#
277	25.5	20.2	30.2

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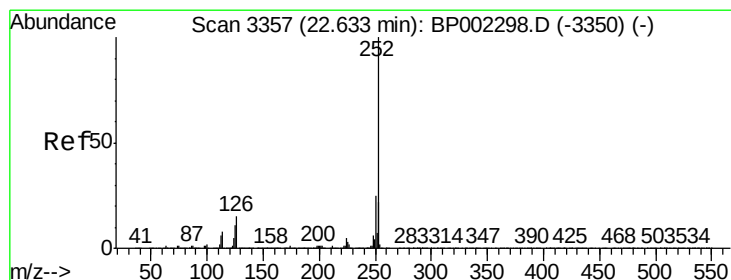
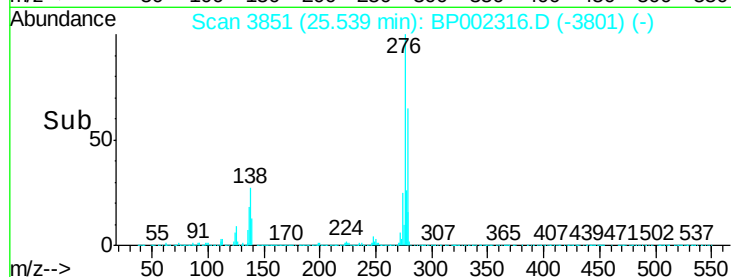
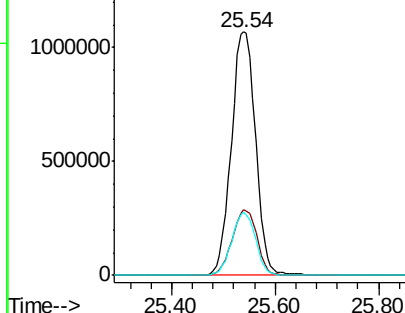


Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#88
 Benzo(b)fluoranthene
 Concen: 42.445 ng m
 RT: 22.66 min Scan# 3361
 Delta R.T. 0.00 min
 Lab File: BP002316.D
 Acq: 29 May 2020 15:46

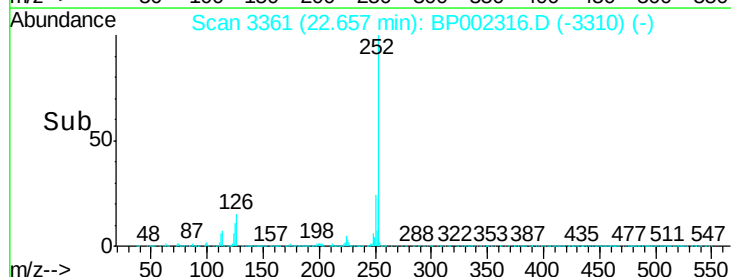
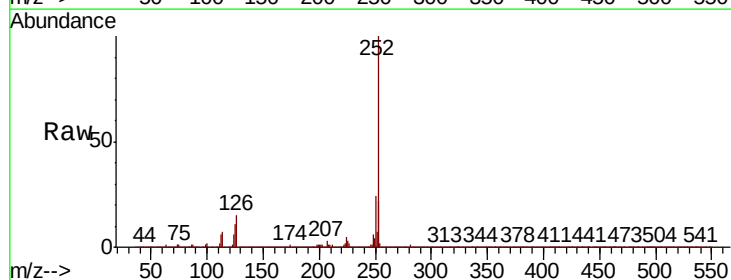
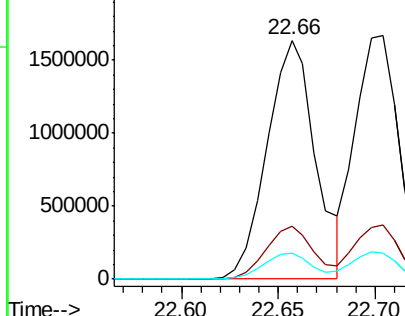
Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.3	18.2	27.2
125	10.9	7.2	10.8#

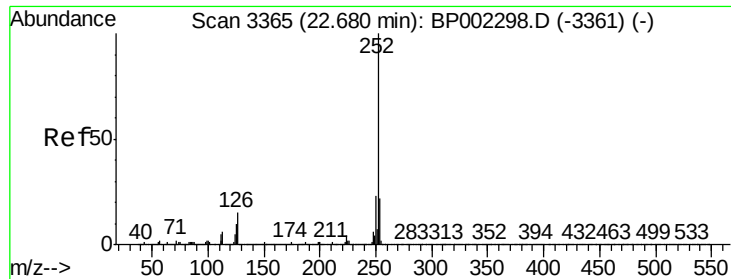
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





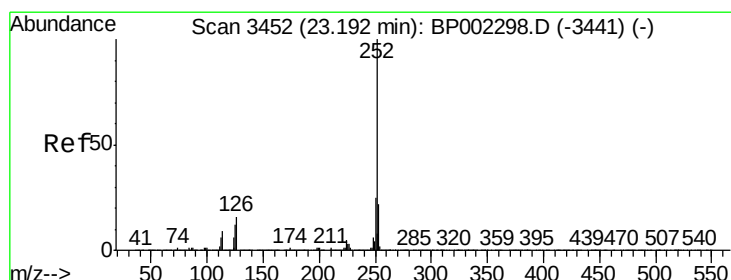
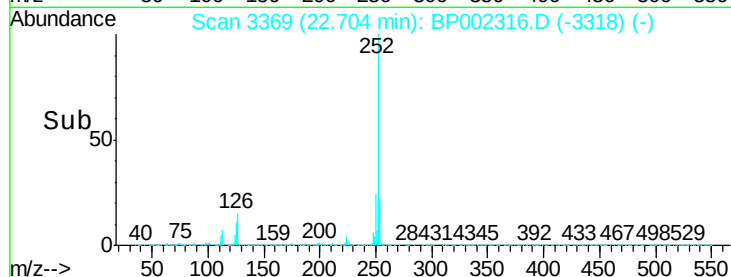
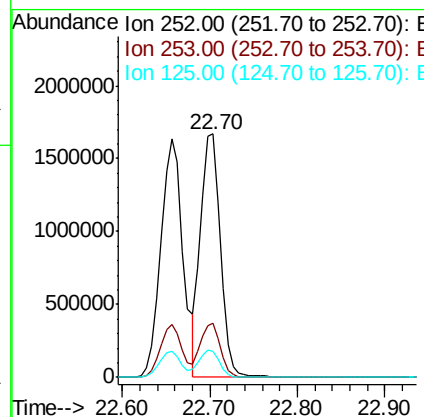
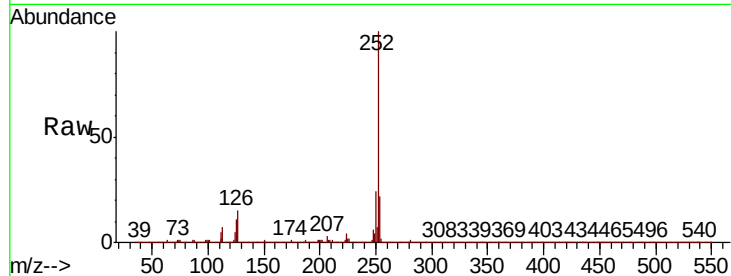
#89
Benzo(k)fluoranthene
Concen: 40.900 ng
RT: 22.70 min Scan# 3369
Delta R.T. 0.00 min
Lab File: BP002316.D
Acq: 29 May 2020 15:46

Instrument :
BNA_P
ClientSampleId :
PB129148BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.9	26.9
125	10.6	7.4	11.2

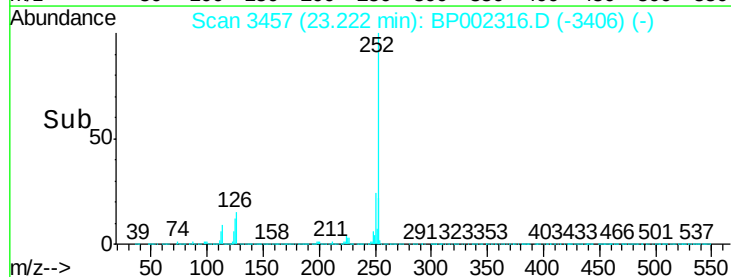
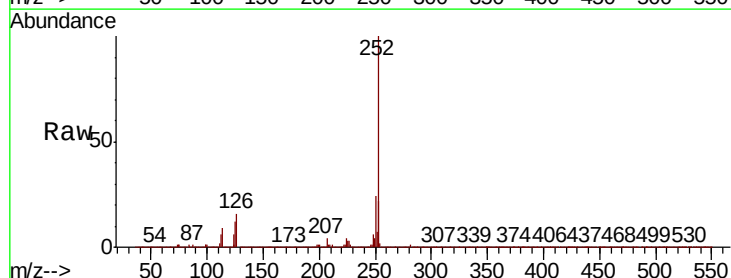
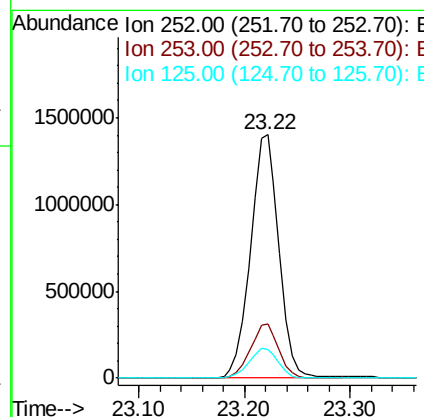
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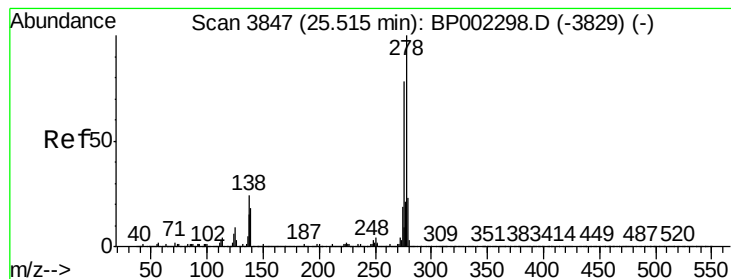
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#90
Benzo(a)pyrene
Concen: 41.684 ng
RT: 23.22 min Scan# 3457
Delta R.T. 0.00 min
Lab File: BP002316.D
Acq: 29 May 2020 15:46

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.1	18.0	27.0
125	11.7	8.4	12.6





#91

Dibenzo(a,h)anthracene

Concen: 45.766 ng

RT: 25.56 min Scan# 3854

Delta R.T. -0.01 min

Lab File: BP002316.D

Acq: 29 May 2020 15:46

Instrument :

BNA_P

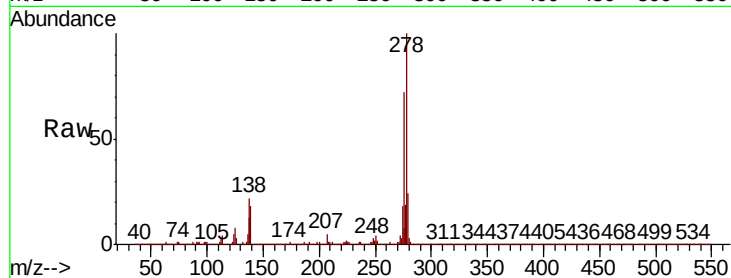
ClientSampleId :

PB129148BS

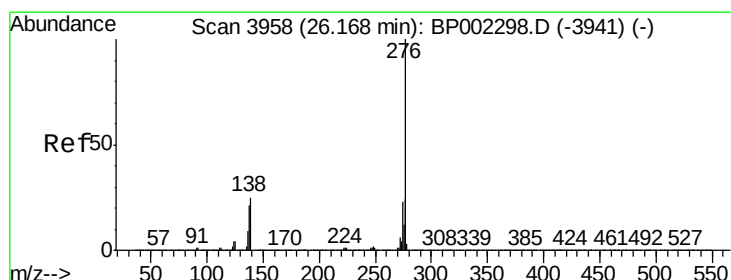
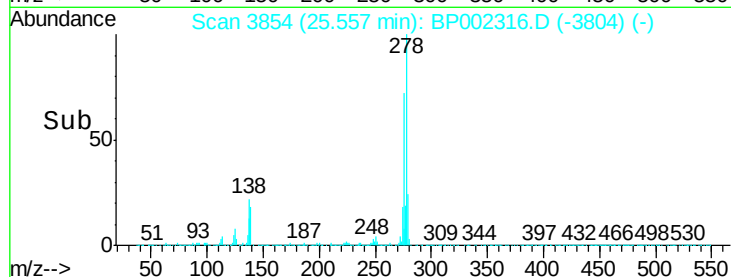
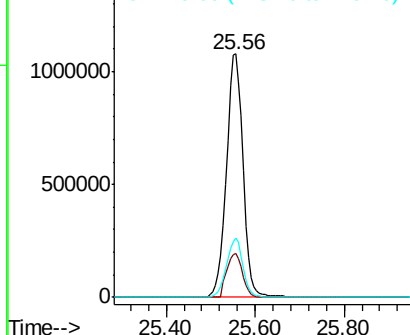
Tot Ion:	278	Resp:	2865019
Ion	Ratio	Lower	Upper
278	100		
139	18.2	11.3	16.9#
279	24.3	18.9	28.3

Manual Integrations
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Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 47.332 ng

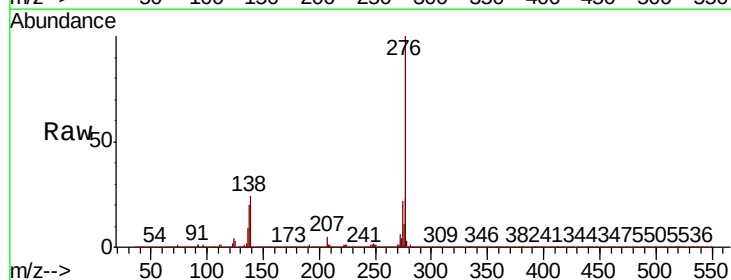
RT: 26.22 min Scan# 3966

Delta R.T. 0.00 min

Lab File: BP002316.D

Acq: 29 May 2020 15:46

Tgt Ion:	276	Resp:	3022515
Ion	Ratio	Lower	Upper
276	100		
277	23.3	18.6	28.0
138	24.3	16.0	24.0#



Abundance Ion 276.00 (275.70 to 276.70): E
Ion 277.00 (276.70 to 277.70): E
Ion 138.00 (137.70 to 138.70): E

