

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP010620\
 Data File : BP001537.D
 Acq On : 06 Jan 2020 19:20
 Operator : JU
 Sample : K6471-14MSD
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 MC-123019-0-2-COMP-B1MSD

Manual Integrations
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 1/7/2020 12:31:32 PM

Quant Time: Jan 07 03:13:42 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP010320.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 06 16:38:29 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.68	152	45093	20.00	ng	0.00
21) Naphthalene-d8	10.46	136	168465	20.00	ng	0.00
39) Acenaphthene-d10	14.32	164	116905	20.00	ng	0.00
64) Phenanthrene-d10	17.08	188	274250	20.00	ng	0.00
76) Chrysene-d12	21.18	240	212421	20.00	ng	0.00
87) Perylene-d12	23.43	264	224778	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.32	112	205398	76.52	ng	0.00
7) Phenol-d6	6.89	99	297146	82.19	ng	0.00
23) Nitrobenzene-d5	8.83	82	207072	60.71	ng	0.00
42) 2,4,6-Tribromophenol	15.82	330	134005	101.28	ng	0.00
45) 2-Fluorobiphenyl	12.94	172	426397	53.63	ng	0.00
79) Terphenyl-d14	19.66	244	691744	64.90	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.28	88	35112	31.116	ng	97
3) Pyridine	3.68	79	99455	28.995	ng	97
4) n-Nitrosodimethylamine	3.58	42	77719	53.594	ng	96
6) Aniline	7.02	93	134449	28.875	ng	100
8) 2-Chlorophenol	7.26	128	125474	45.097	ng	98
9) Benzaldehyde	6.83	77	84931	45.346	ng	98
10) Phenol	6.92	94	176023	46.283	ng	98
11) bis(2-Chloroethyl)ether	7.12	93	127005	42.412	ng	98
12) 1,3-Dichlorobenzene	7.57	146	150165	44.062	ng	94
13) 1,4-Dichlorobenzene	7.72	146	151191	44.146	ng	99
14) 1,2-Dichlorobenzene	8.03	146	144629	44.063	ng	99
15) Benzyl Alcohol	7.93	79	137286	47.244	ng	97
16) 2,2'-oxybis(1-Chloropropan	8.22	45	212484	50.706	ng	98
17) 2-Methylphenol	8.15	107	109233	43.944	ng	99
18) Hexachloroethane	8.75	117	53271	40.919	ng	95
19) n-Nitroso-di-n-propylamine	8.50	70	106708	45.298	ng	# 95
20) 3+4-Methylphenols	8.47	107	147348	44.012	ng	93
22) Acetophenone	8.50	105	198702	41.930	ng	98
24) Nitrobenzene	8.87	77	171060	48.694	ng	100
25) Isophorone	9.42	82	285964	43.911	ng	99
26) 2-Nitrophenol	9.58	139	65194	51.996	ng	98
27) 2,4-Dimethylphenol	9.66	122	114428	50.407	ng	97
28) bis(2-Chloroethoxy)methane	9.89	93	163928	40.134	ng	98
29) 2,4-Dichlorophenol	10.12	162	133925	48.153	ng	98
30) 1,2,4-Trichlorobenzene	10.32	180	160807	48.558	ng	98
31) Naphthalene	10.51	128	397229	44.828	ng	100
32) Benzoic acid	9.84	122	84226	52.630	ng	92
33) 4-Chloroaniline	10.62	127	75182	19.498	ng	97
34) Hexachlorobutadiene	10.80	225	112618	51.393	ng	96
35) Caprolactam	11.47	113	39216m	42.281	ng	
36) 4-Chloro-3-methylphenol	11.78	107	145993	47.887	ng	97
37) 2-Methylnaphthalene	12.13	142	298163	47.208	ng	99
38) 1-Methylnaphthalene	12.35	142	281350	47.091	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.50	216	191479	49.061	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.49	237	89871	44.605	nq	97
43) 2,4,6-Trichlorophenol	12.75	196	122658	50.201	nq	99
44) 2,4,5-Trichlorophenol	12.83	196	133999	52.725	nq	97
46) 1,1'-Biphenyl	13.15	154	391398	44.297	nq	97
47) 2-Chloronaphthalene	13.19	162	319575	44.038	nq	99
48) 2-Nitroaniline	13.40	65	112637	53.134	nq	96
49) Acenaphthylene	14.04	152	491764	44.680	nq	99
50) Dimethylphthalate	13.80	163	422106	46.191	nq	99
51) 2,6-Dinitrotoluene	13.90	165	83516	46.470	nq	98
52) Acenaphthene	14.39	154	290153	42.006	nq	99
53) 3-Nitroaniline	14.23	138	48195	23.778	nq	96
54) 2,4-Dinitrophenol	14.43	184	27495	40.392	nq	98
55) Dibenzofuran	14.73	168	489524	46.267	nq	99
56) 4-Nitrophenol	14.57	139	149277	98.482	nq	94
57) 2,4-Dinitrotoluene	14.69	165	116993	48.285	nq	97
58) Fluorene	15.38	166	381655	47.356	nq	99
59) 2,3,4,6-Tetrachlorophenol	14.96	232	122830	55.375	nq	97
60) Diethylphthalate	15.18	149	388985	42.288	nq	99
61) 4-Chlorophenyl-phenylether	15.38	204	216793	49.872	nq	99
62) 4-Nitroaniline	15.40	138	67861	33.353	nq	98
63) Azobenzene	15.67	77	412196	46.385	nq	99
65) 4,6-Dinitro-2-methylphenol	15.46	198	22422	24.590	nq	99
66) n-Nitrosodiphenylamine	15.60	169	342256	43.063	nq	99
67) 4-Bromophenyl-phenylether	16.28	248	141096	46.454	nq	98
68) Hexachlorobenzene	16.39	284	156472	45.794	nq	99
69) Atrazine	16.57	200	138630	49.220	nq	97
70) Pentachlorophenol	16.74	266	194046	110.383	nq	97
71) Phenanthrene	17.12	178	675807	45.433	nq	98
72) Anthracene	17.22	178	676595	45.894	nq	100
73) Carbazole	17.49	167	581663	42.640	nq	99
74) Di-n-butylphthalate	18.07	149	663574	38.325	nq	100
75) Fluoranthene	19.10	202	825535	45.846	nq	99
77) Benzidine	19.29	184	586693	120.790	nq	99
78) Pyrene	19.45	202	826554	53.622	nq	99
80) Butylbenzylphthalate	20.36	149	275441	41.534	nq	97
81) Benzo(a)anthracene	21.17	228	704415	47.261	nq	99
82) 3,3'-Dichlorobenzidine	21.10	252	275330	52.041	nq	100
83) Chrysene	21.22	228	662906	46.385	nq	100
84) Bis(2-ethylhexyl)phthalate	21.13	149	367890	37.856	nq	98
85) Di-n-octyl phthalate	22.02	149	601355	35.580	nq	99
86) Indeno(1,2,3-cd)pyrene	25.72	276	723762	41.612	nq	100
88) Benzo(b)fluoranthene	22.76	252	662755	47.619	nq	98
89) Benzo(k)fluoranthene	22.80	252	616414	46.237	nq	99
90) Benzo(a)pyrene	23.33	252	592062	45.445	nq	98
91) Dibenzo(a,h)anthracene	25.73	278	609292	47.056	nq	99
92) Benzo(g,h,i)perylene	26.40	276	616951	47.773	nq	98

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

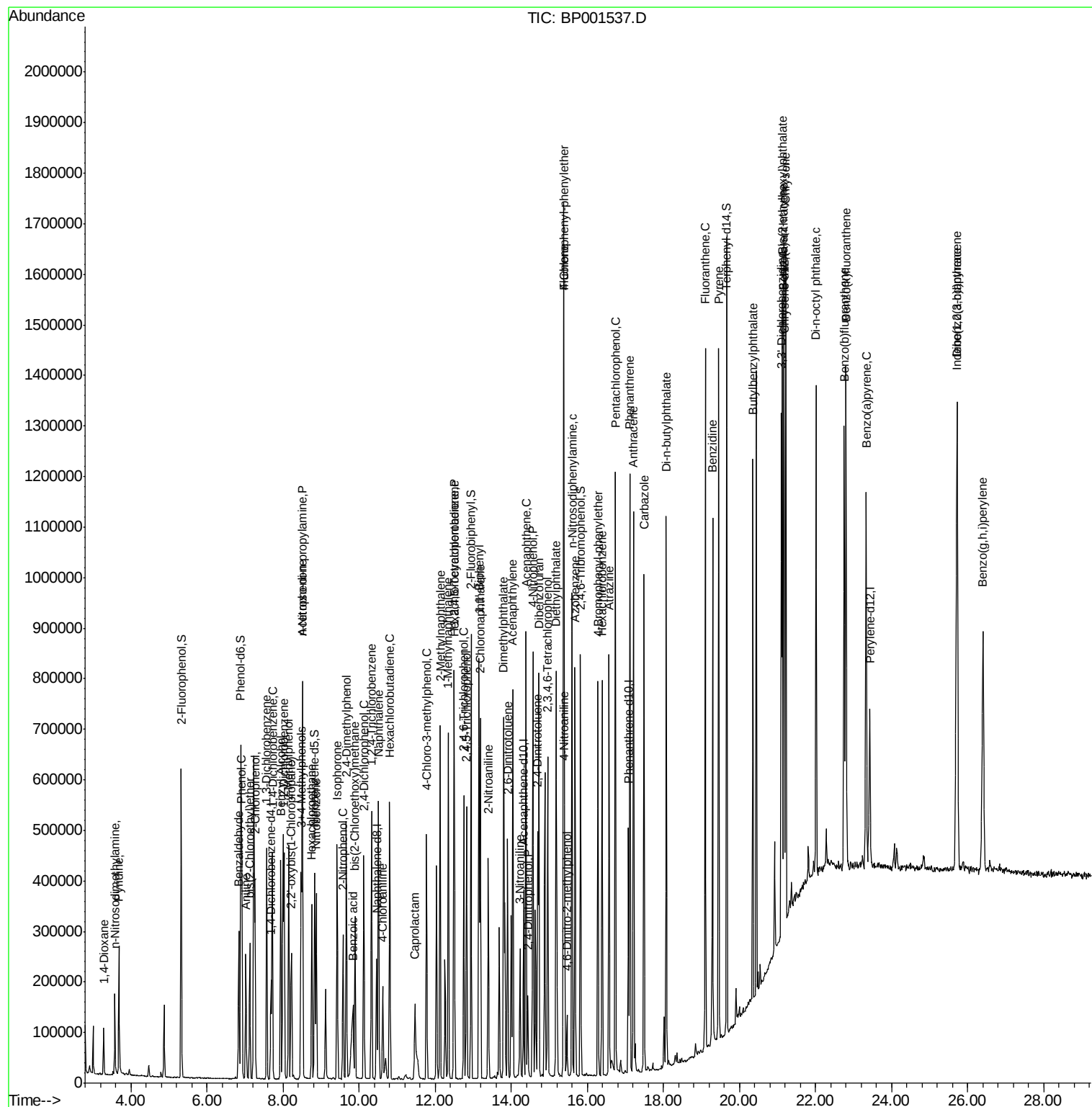
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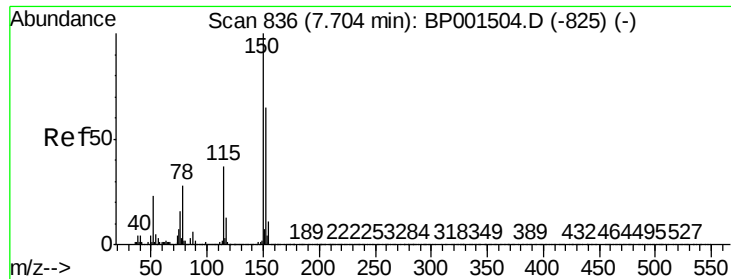
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#1

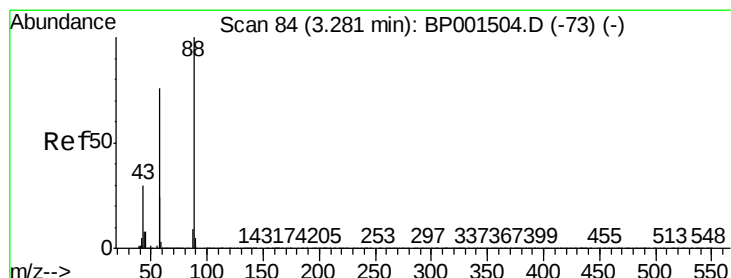
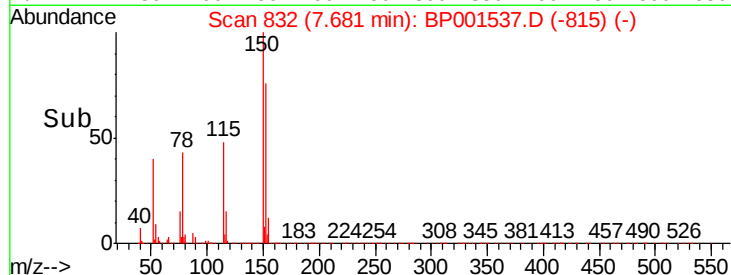
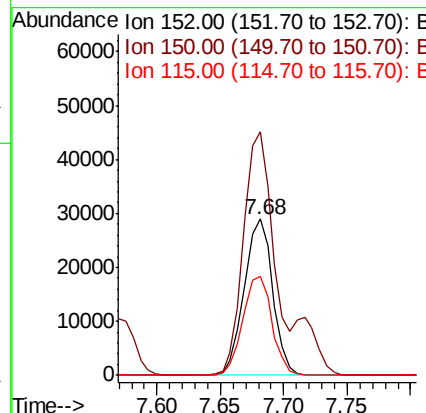
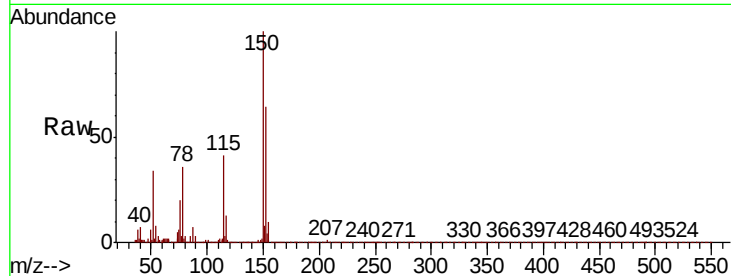
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.68 min Scan# 832
Delta R.T. 0.00 min
Lab File: BP001537.D
Acq: 06 Jan 2020 19:20

Instrument :
BNA_P
ClientSampleId :
MC-123019-0-2-COMP-B1MSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.8	117.9	176.9
115	63.7	50.3	75.5

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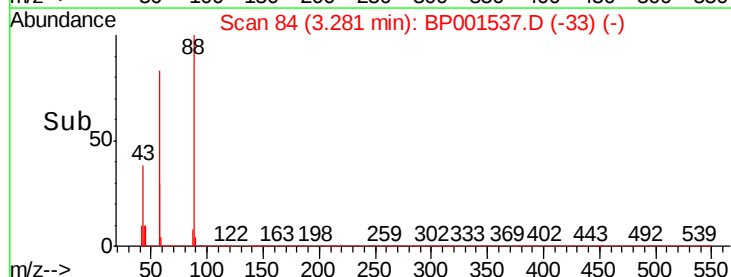
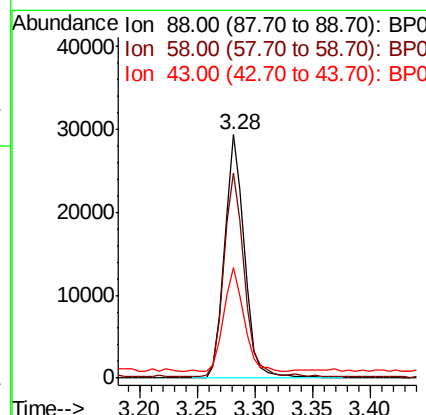
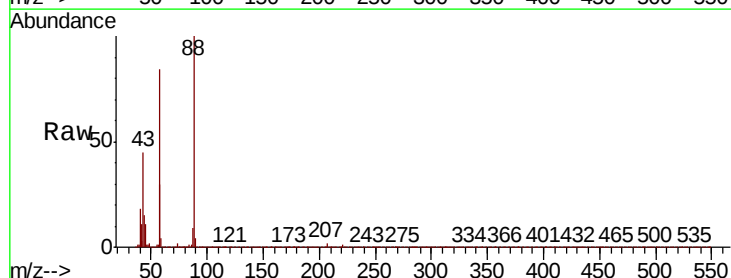
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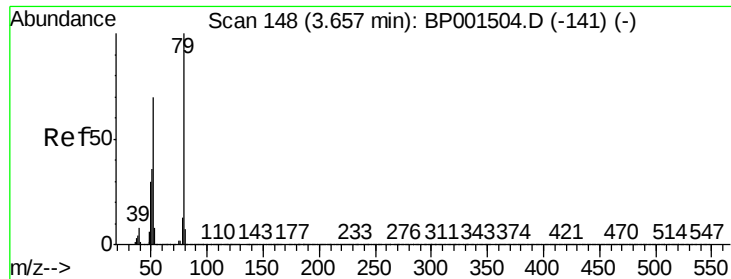


#2

1,4-Dioxane
Concen: 31.116 ng
RT: 3.28 min Scan# 84
Delta R.T. 0.00 min
Lab File: BP001537.D
Acq: 06 Jan 2020 19:20

Tgt Ion	Ratio	Lower	Upper
88	100		
58	86.8	71.4	107.2
43	42.4	35.1	52.7





#3

Pvridine

Concen: 28.995 ng

RT: 3.68 min Scan# 152

Delta R.T. -0.01 min

Lab File: BP001537.D

Acq: 06 Jan 2020 19:20

Instrument :

BNA_P

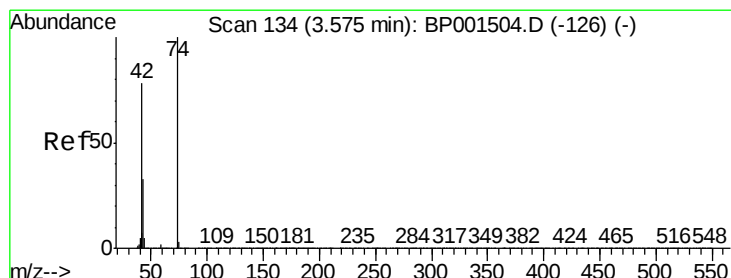
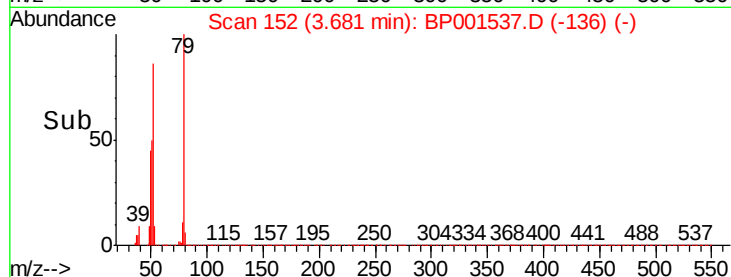
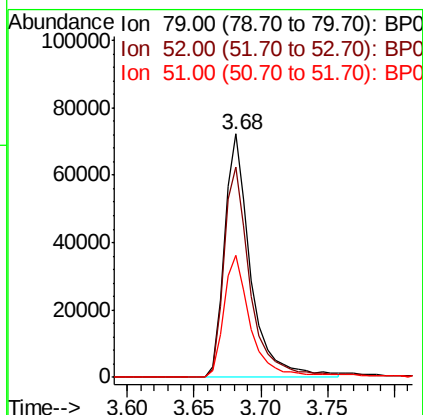
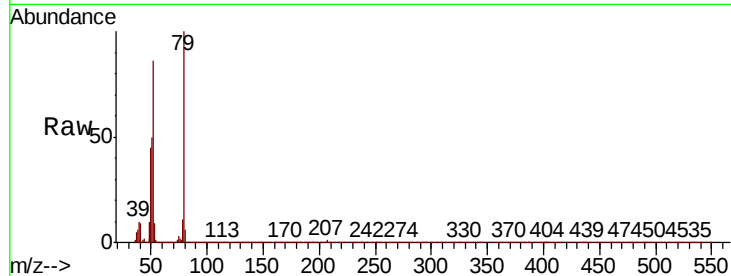
ClientSampleId :

MC-123019-0-2-COMP-B1MSD

Tot Ion:	79	Resp:	99455
Ion Ratio	Lower	Upper	
79	100		
52	86.2	71.8	107.8
51	50.3	39.8	59.6

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#4

n-Nitrosodimethylamine

Concen: 53.594 ng

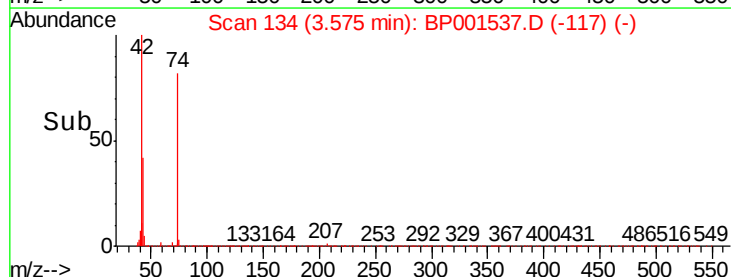
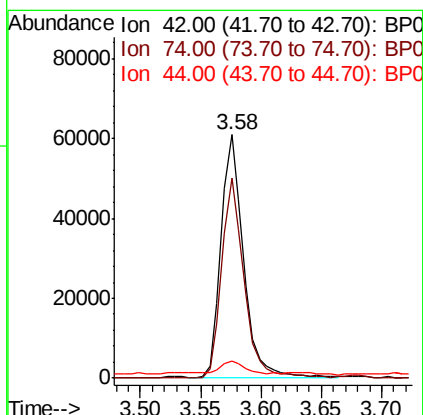
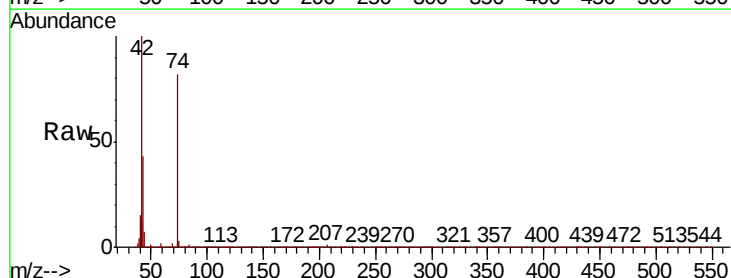
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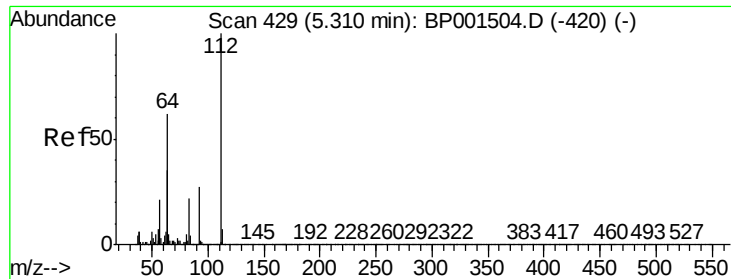
Delta R.T. 0.00 min

Lab File: BP001537.D

Acq: 06 Jan 2020 19:20

Tgt Ion:	42	Resp:	77719
Ion Ratio	Lower	Upper	
42	100		
74	82.3	63.0	94.6
44	6.9	6.1	9.1





#5

2-Fluorophenol

Concen: 76.524 ng

RT: 5.32 min Scan# 431

Delta R.T. 0.01 min

Lab File: BP001537.D

Acq: 06 Jan 2020 19:20

Instrument :

BNA_P

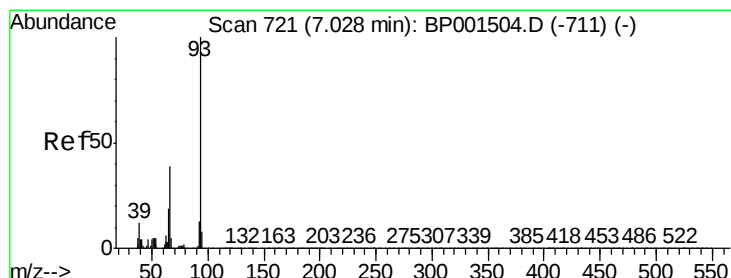
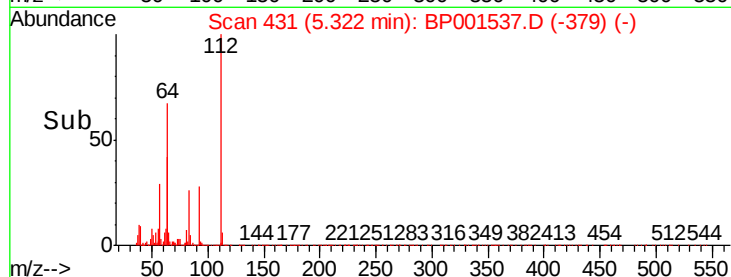
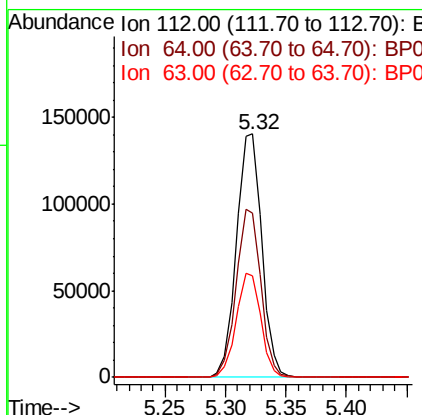
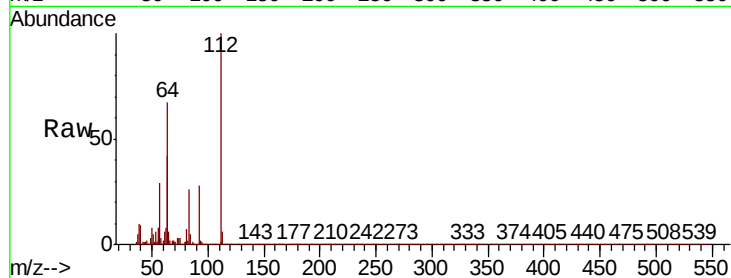
ClientSampleId :

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Tot Ion:	112	Resp:	205398
Ion Ratio	Lower	Upper	
112	100		
64	67.2	52.6	79.0
63	41.8	32.6	48.8

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#6

Aniline

Concen: 28.875 ng

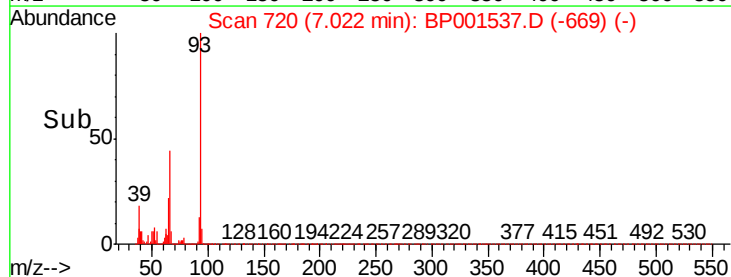
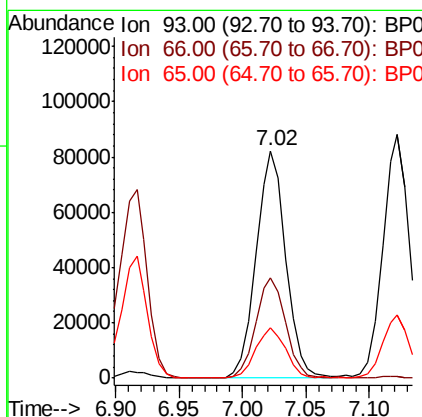
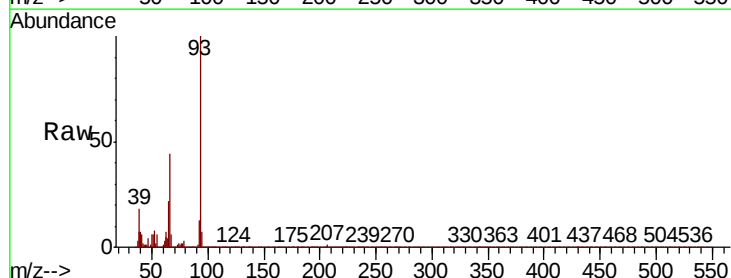
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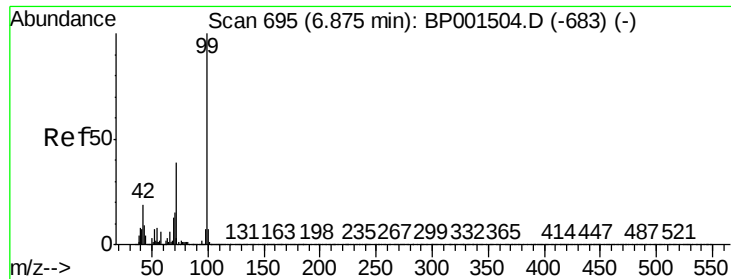
Delta R.T. 0.00 min

Lab File: BP001537.D

Acq: 06 Jan 2020 19:20

Tgt Ion:	93	Resp:	134449
Ion Ratio	Lower	Upper	
93	100		
66	44.4	35.4	53.0
65	22.2	18.1	27.1





#7

Phenol-d6

Concen: 82.193 ng

RT: 6.89 min Scan# 697

Delta R.T. 0.00 min

Lab File: BP001537.D

Acq: 06 Jan 2020 19:20

Instrument :

BNA_P

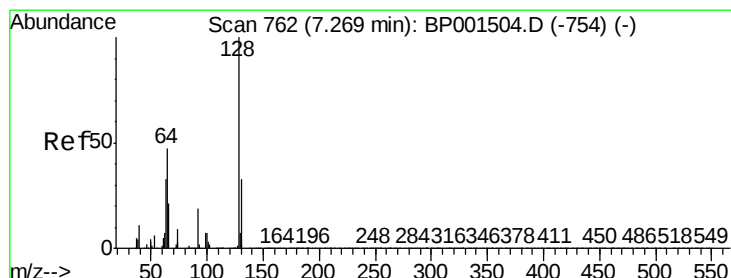
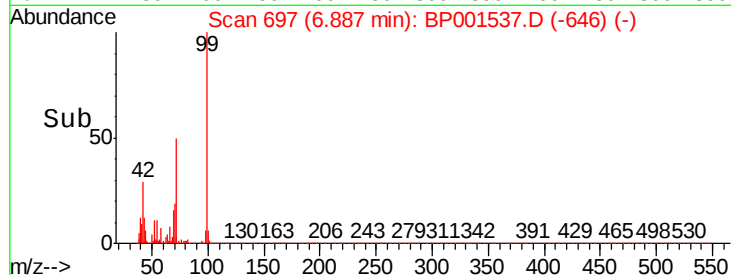
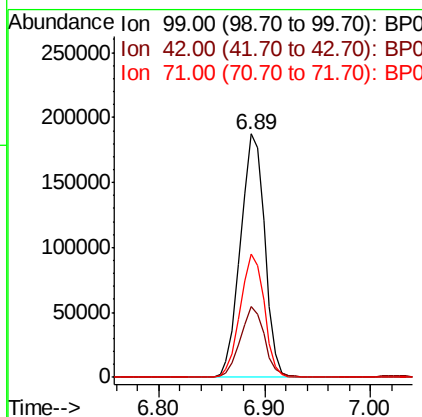
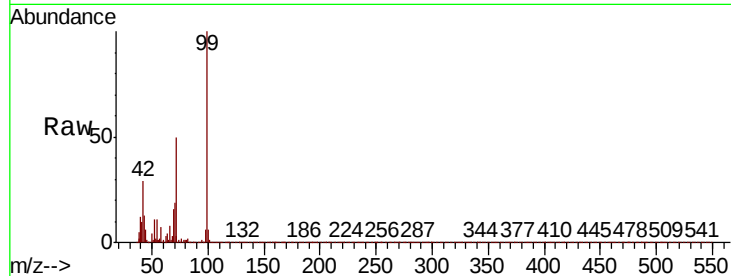
ClientSampleId :

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Tot Ion:	99	Resp:	297146
Ion Ratio	Lower	Upper	
99	100		
42	29.1	21.2	31.8
71	50.5	40.0	60.0

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#8

2-Chlorophenol

Concen: 45.097 ng

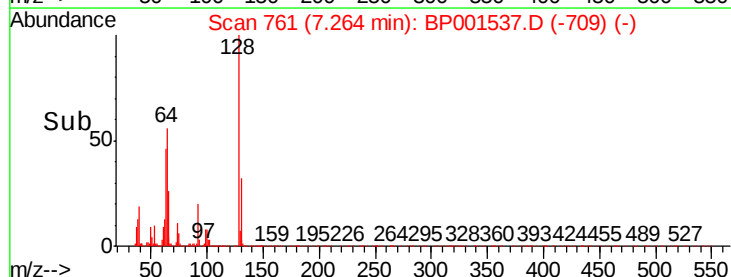
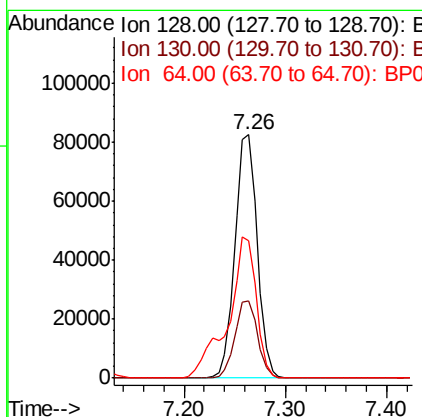
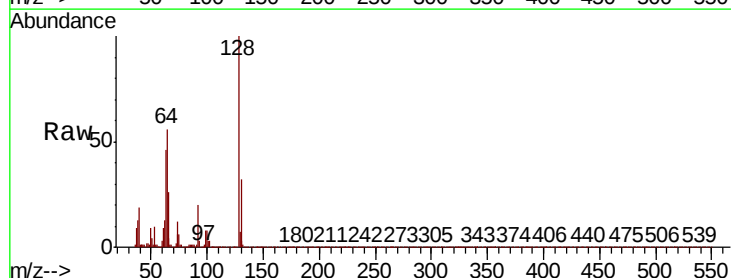
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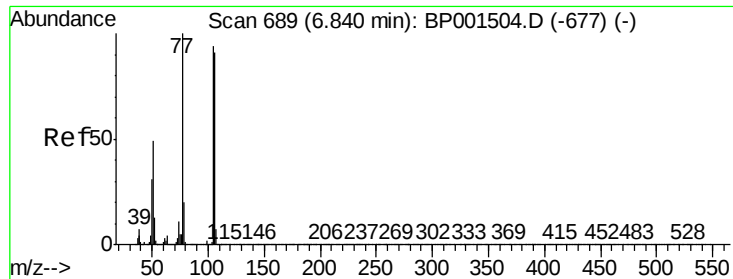
Delta R.T. 0.01 min

Lab File: BP001537.D

Acq: 06 Jan 2020 19:20

Tgt Ion:	128	Resp:	125474
Ion Ratio	Lower	Upper	
128	100		
130	31.6	14.2	54.2
64	56.4	37.1	77.1





#9

Benzaldehyde

Concen: 45.346 ng

RT: 6.83 min Scan# 688

Delta R.T. 0.00 min

Lab File: BP001537.D

Acq: 06 Jan 2020 19:20

Instrument :

BNA_P

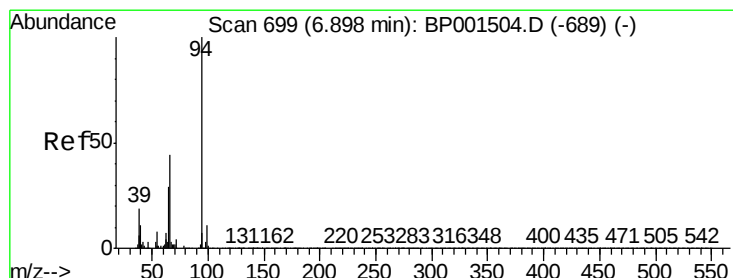
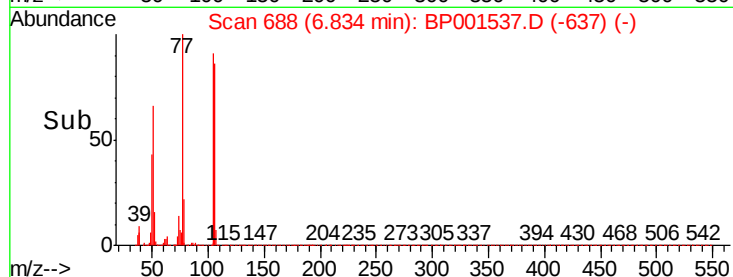
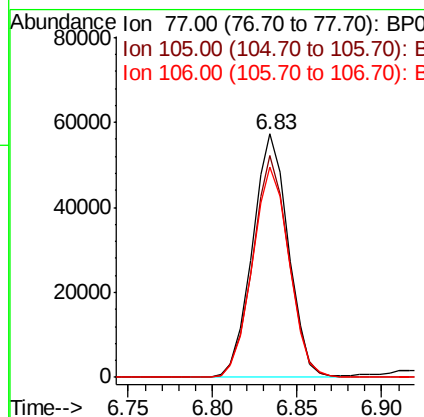
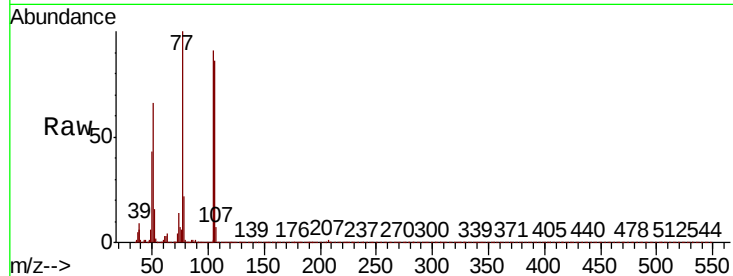
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Tot Ion:	77	Resp:	84931
Ion	Ratio	Lower	Upper
77	100		
105	91.0	69.2	109.2
106	86.2	64.2	104.2

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#10

Phenol

Concen: 46.283 ng

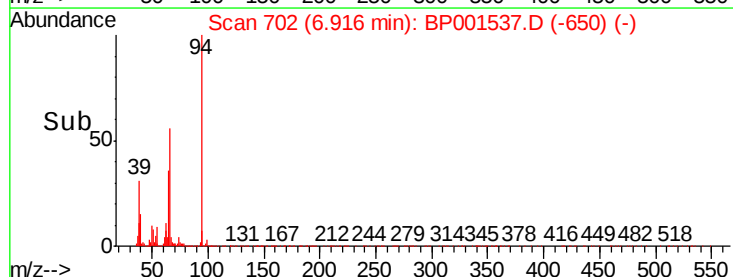
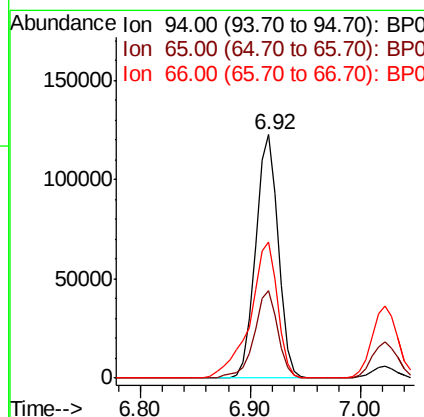
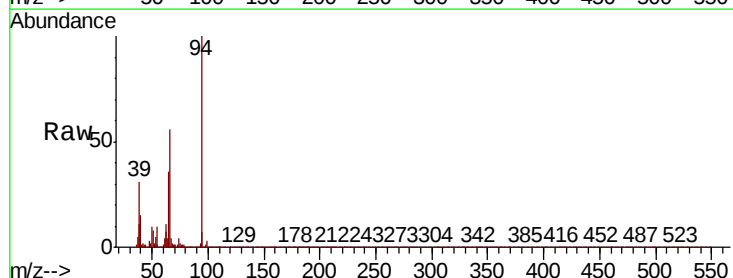
RT: 6.92 min Scan# 702

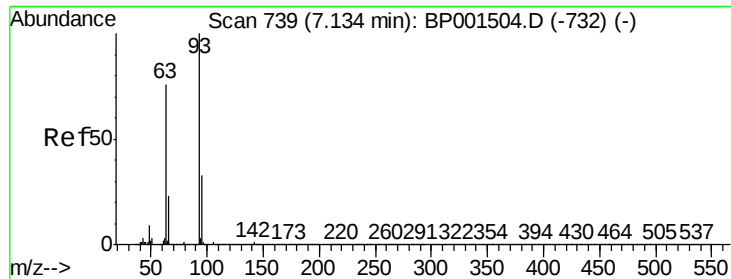
Delta R.T. 0.01 min

Lab File: BP001537.D

Acq: 06 Jan 2020 19:20

Tgt Ion:	94	Resp:	176023
Ion	Ratio	Lower	Upper
94	100		
65	35.9	15.7	55.7
66	55.7	37.8	77.8





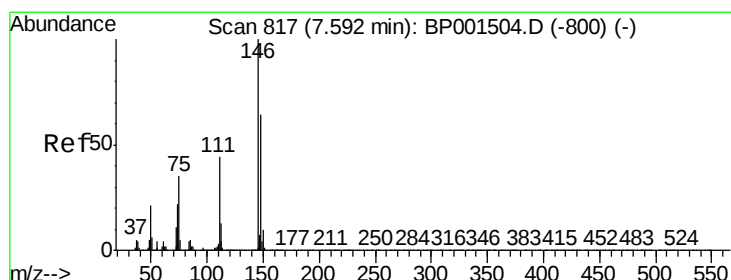
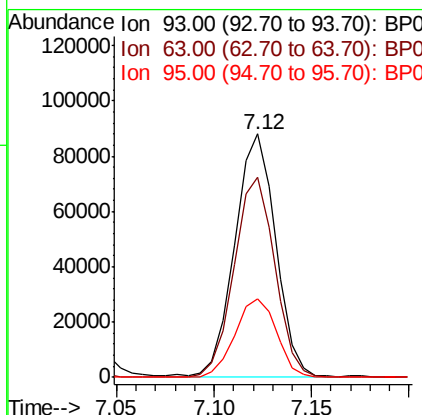
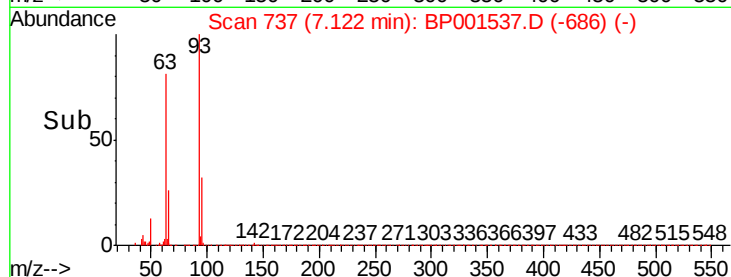
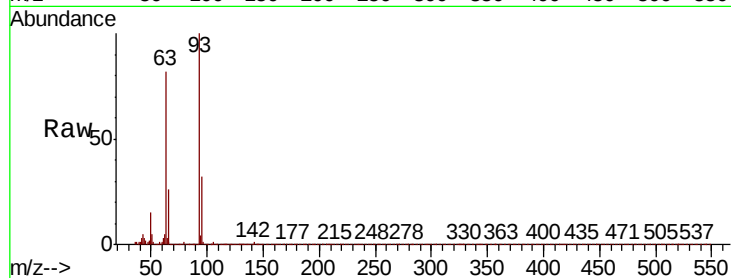
#11
bis(2-Chloroethyl)ether
Concen: 42.412 ng
RT: 7.12 min Scan# 737
Delta R.T. 0.00 min
Lab File: BP001537.D
Acq: 06 Jan 2020 19:20

Instrument :
BNA_P
ClientSampleId :
MC-123019-0-2-COMP-B1MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
93	100		127005		
63	82.4	61.5	101.5		
95	32.3	10.3	50.3		

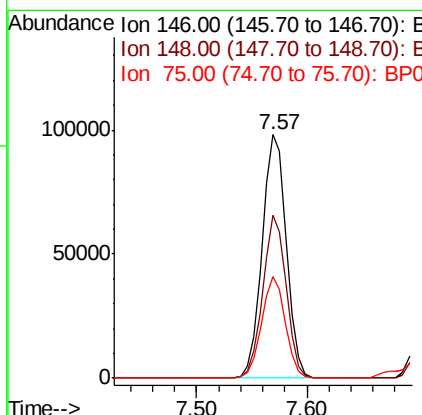
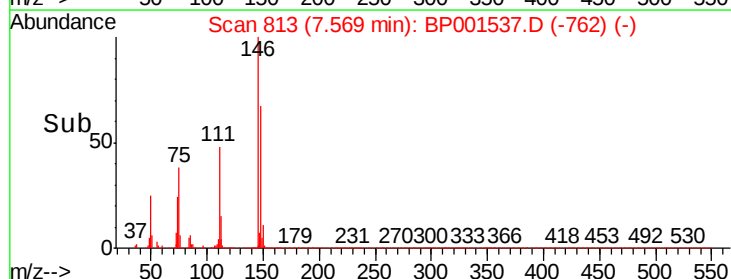
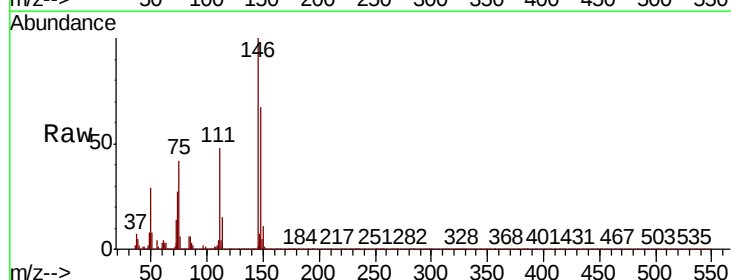
Manual Integrations
APPROVED

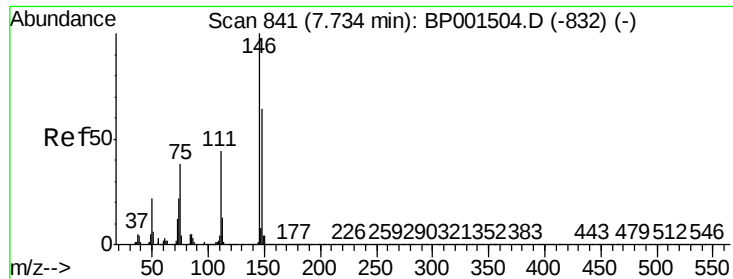
mohammad
1/7/2020 12:31:32 PM



#12
1,3-Dichlorobenzene
Concen: 44.062 ng
RT: 7.57 min Scan# 813
Delta R.T. 0.00 min
Lab File: BP001537.D
Acq: 06 Jan 2020 19:20

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
146	100		150165		
148	67.0	48.1	72.1		
75	41.7	32.6	48.8		





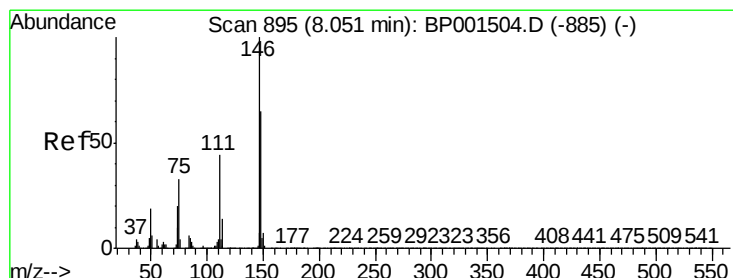
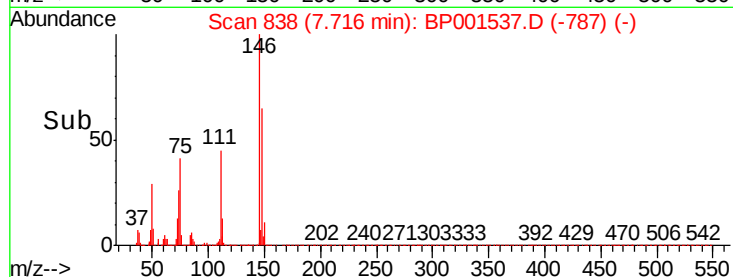
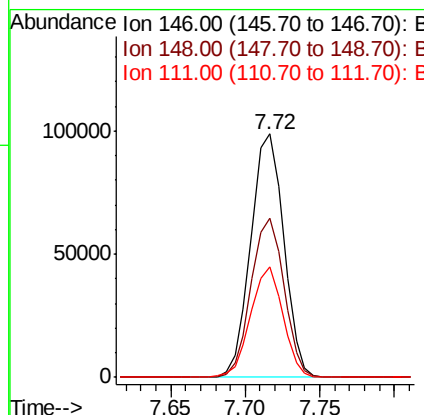
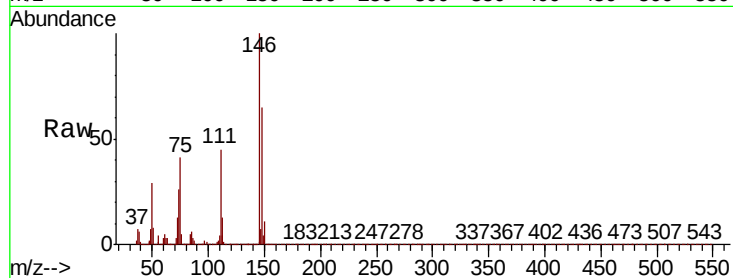
#13
1,4-Dichlorobenzene
Concen: 44.146 ng
RT: 7.72 min Scan# 838
Delta R.T. 0.00 min
Lab File: BP001537.D
Acq: 06 Jan 2020 19:20

Instrument :
BNA_P
ClientSampleId :
MC-123019-0-2-COMP-B1MSD

Tot Ion	Ratio	Lower	Upper
146	100		
148	65.5	52.2	78.4
111	45.5	35.8	53.6

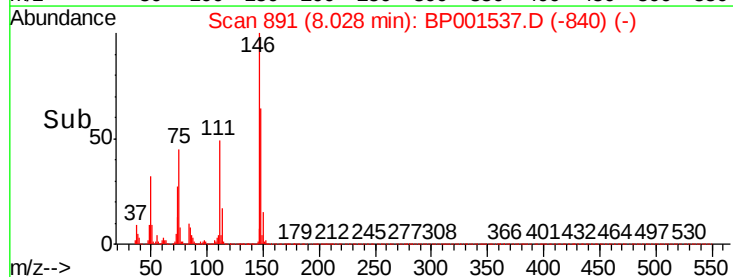
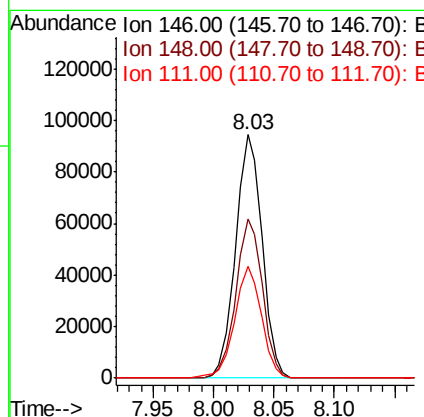
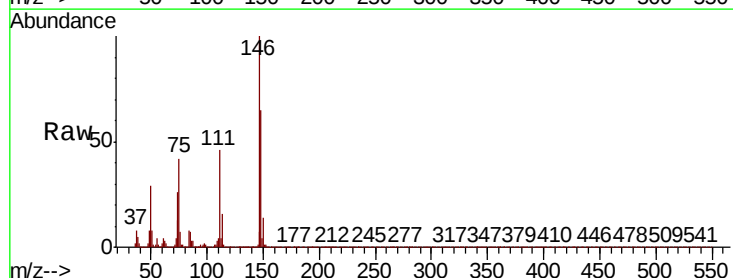
Manual Integrations
APPROVED

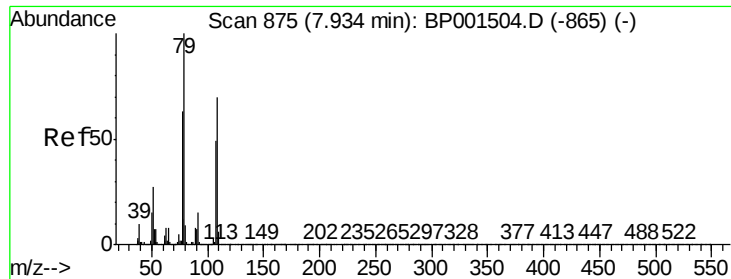
mohammad
1/7/2020 12:31:32 PM



#14
1,2-Dichlorobenzene
Concen: 44.063 ng
RT: 8.03 min Scan# 891
Delta R.T. 0.00 min
Lab File: BP001537.D
Acq: 06 Jan 2020 19:20

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.4	51.8	77.8
111	45.7	35.9	53.9





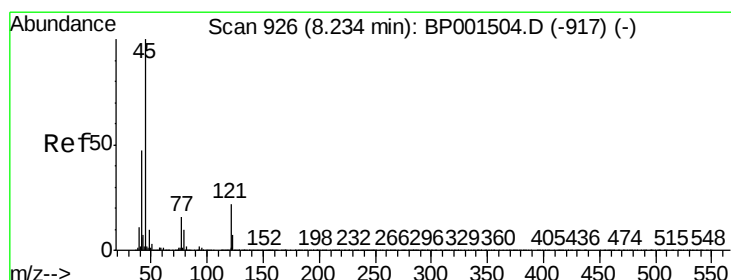
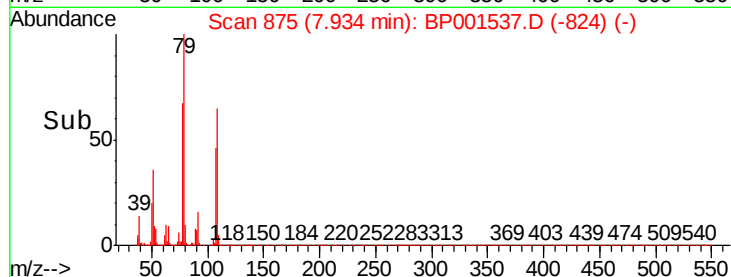
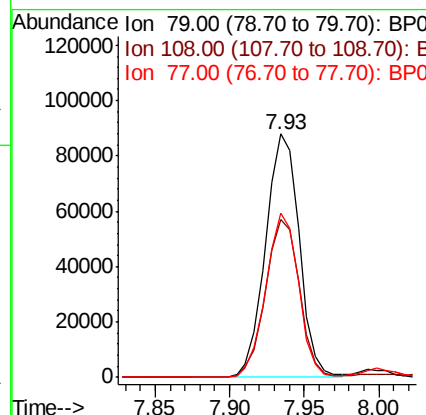
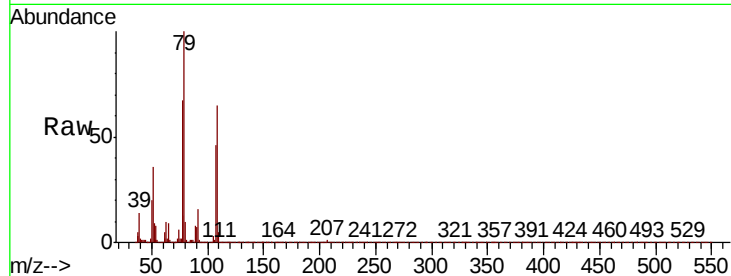
#15
Benzyl Alcohol
Concen: 47.244 ng
RT: 7.93 min Scan# 875
Delta R.T. 0.00 min
Lab File: BP001537.D
Acq: 06 Jan 2020 19:20

Instrument :
BNA_P
ClientSampleId :
MC-123019-0-2-COMP-B1MSD

Tot Ion	Ratio	Lower	Upper
79	100		
108	64.7	50.2	75.4
77	67.3	51.8	77.6

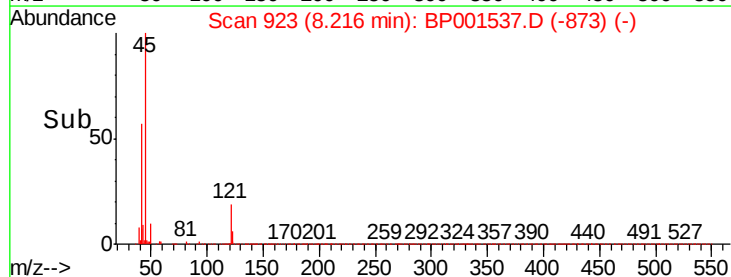
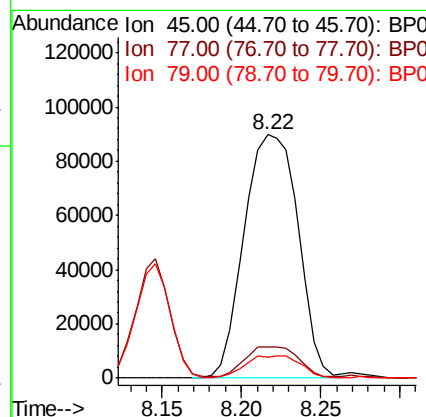
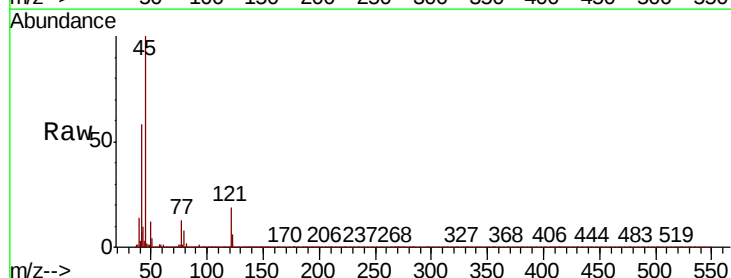
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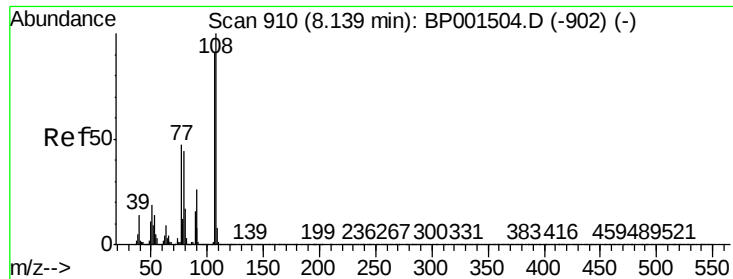
mohammad
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#16
2,2'-oxybis(1-chloropropane)
Concen: 50.706 ng
RT: 8.22 min Scan# 923
Delta R.T. -0.01 min
Lab File: BP001537.D
Acq: 06 Jan 2020 19:20

Tgt Ion	Ratio	Lower	Upper
45	100		
77	13.0	0.0	32.4
79	8.4	0.0	29.3





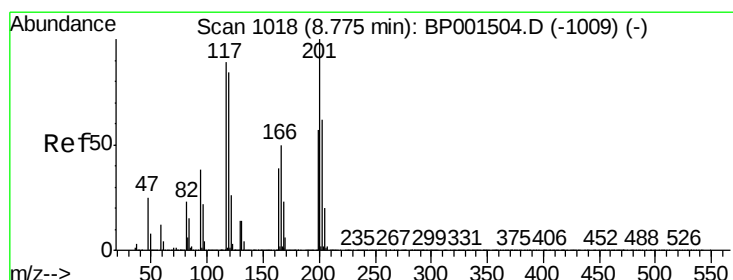
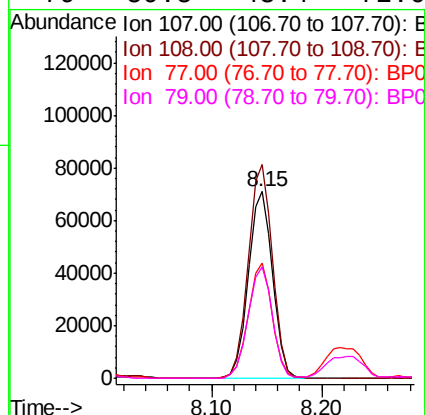
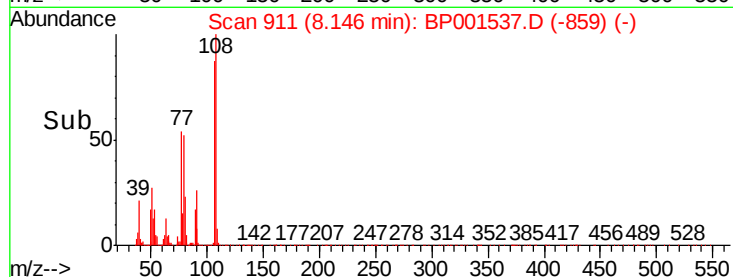
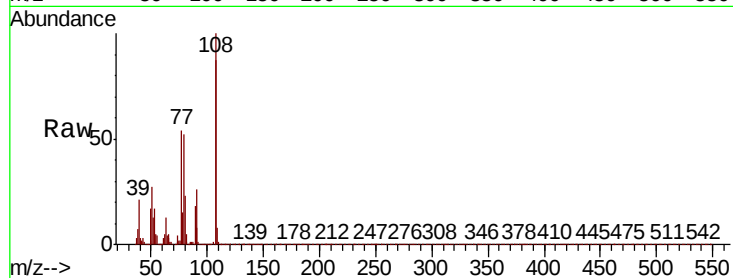
#17
2-Methylphenol
Concen: 43.944 ng
RT: 8.15 min Scan# 911
Delta R.T. 0.01 min
Lab File: BP001537.D
Acq: 06 Jan 2020 19:20

Instrument :
BNA_P
ClientSampleId :
MC-123019-0-2-COMP-B1MSD

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	114.5	91.4	137.2	
77	62.0	48.3	72.5	
79	59.5	48.4	72.6	

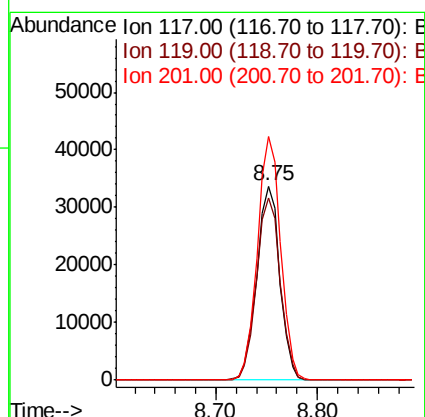
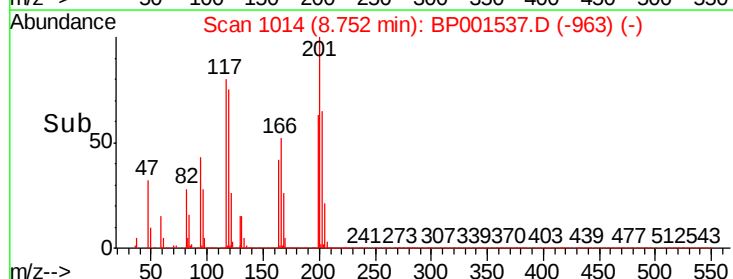
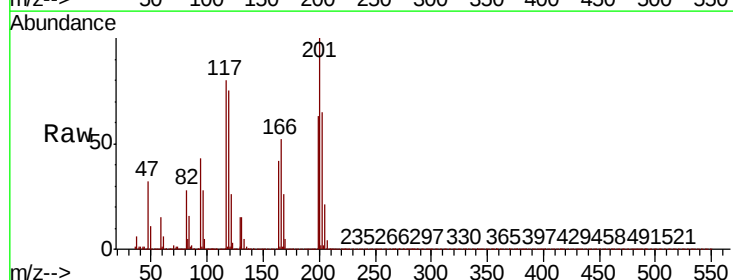
Manual Integrations
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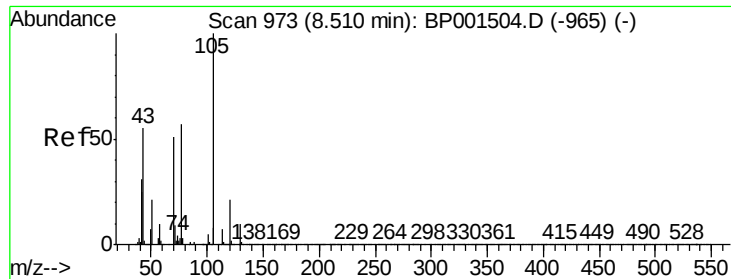
mohammad
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#18
Hexachloroethane
Concen: 40.919 ng
RT: 8.75 min Scan# 1014
Delta R.T. 0.00 min
Lab File: BP001537.D
Acq: 06 Jan 2020 19:20

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	93.9	71.5	107.3	
201	125.4	95.8	143.8	





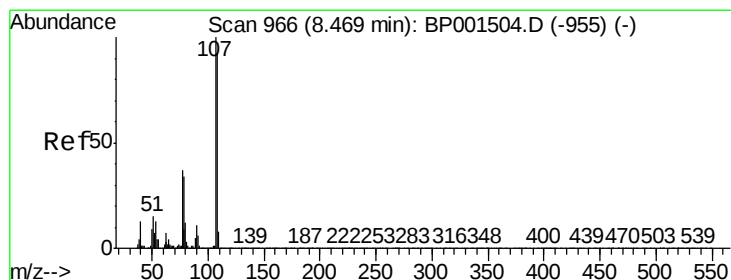
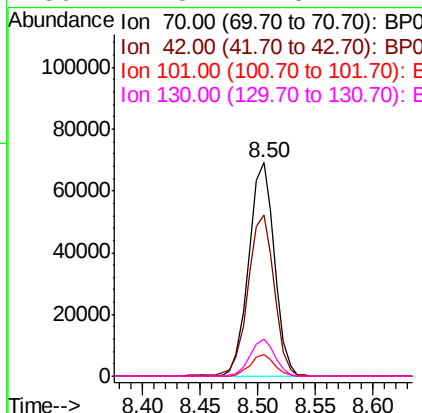
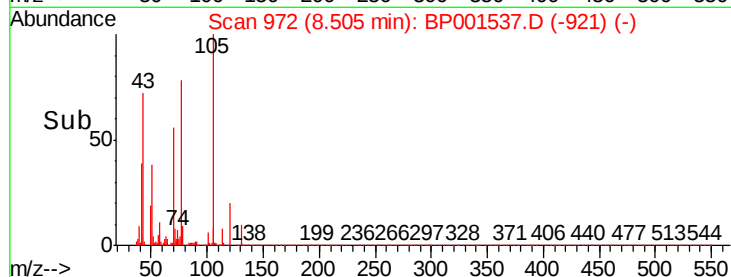
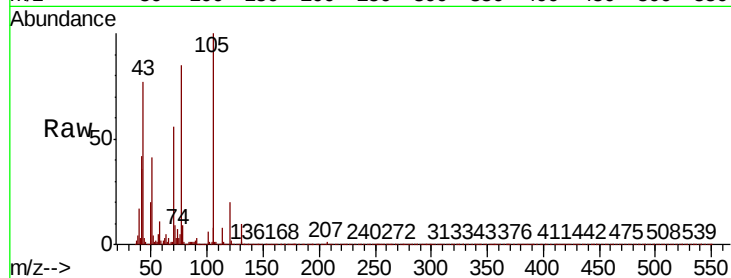
#19
n-Nitroso-di-n-propylamine
Concen: 45.298 ng
RT: 8.50 min Scan# 972
Delta R.T. 0.00 min
Lab File: BP001537.D
Acq: 06 Jan 2020 19:20

Instrument :
BNA_P
ClientSampleId :
MC-123019-0-2-COMP-B1MSD

Tot Ion	Ratio	Lower	Upper
70	100		
42	75.4	64.0	96.0
101	10.3	6.2	9.4#
130	17.3	14.8	22.2

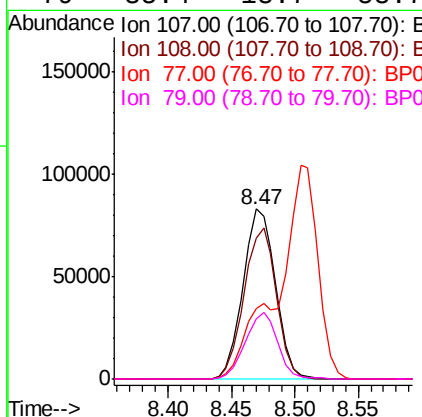
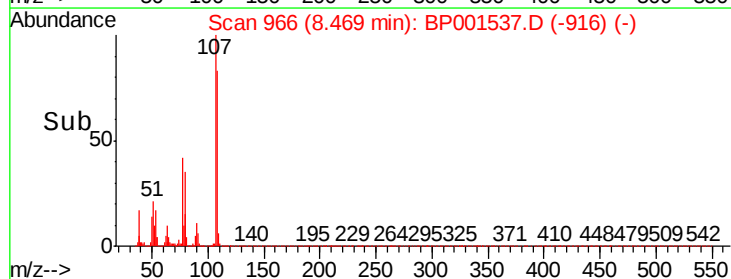
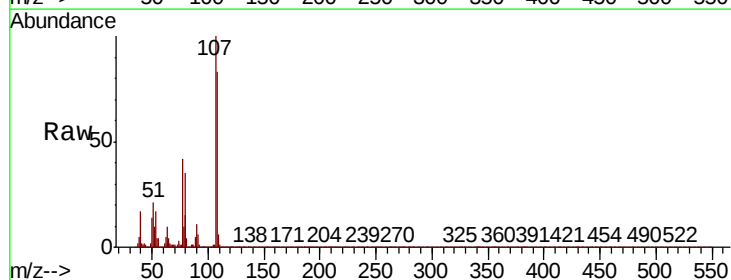
Manual Integrations
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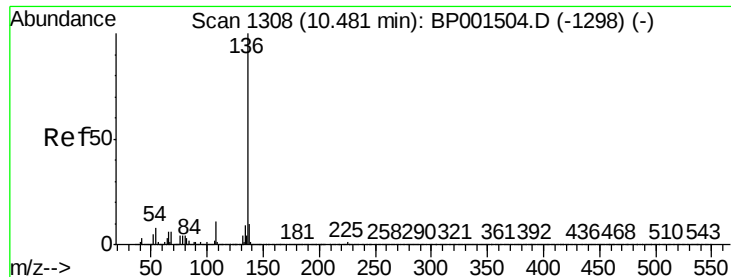
mohammad
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#20
3+4-Methylphenols
Concen: 44.012 ng
RT: 8.47 min Scan# 966
Delta R.T. -0.01 min
Lab File: BP001537.D
Acq: 06 Jan 2020 19:20

Tgt Ion	Ratio	Lower	Upper
107	100		
108	83.2	72.5	112.5
77	41.7	23.8	63.8
79	35.4	18.7	58.7





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.46 min Scan# 1304

Delta R.T. 0.00 min

Lab File: BP001537.D

Acq: 06 Jan 2020 19:20

Instrument :

BNA_P

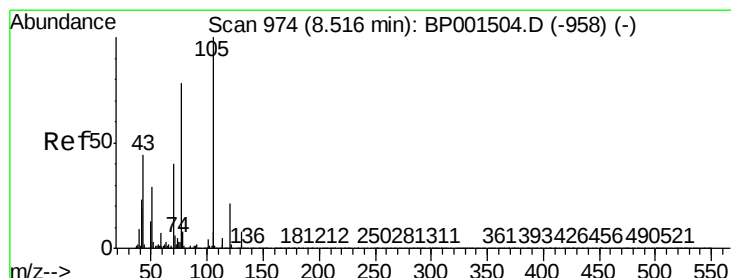
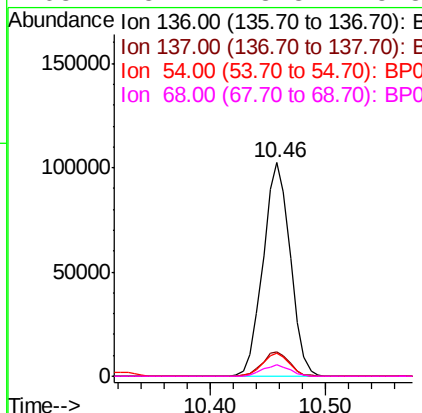
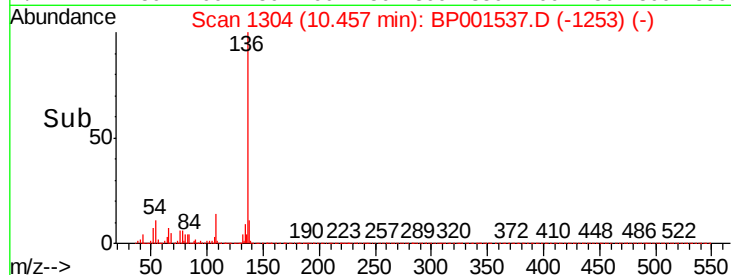
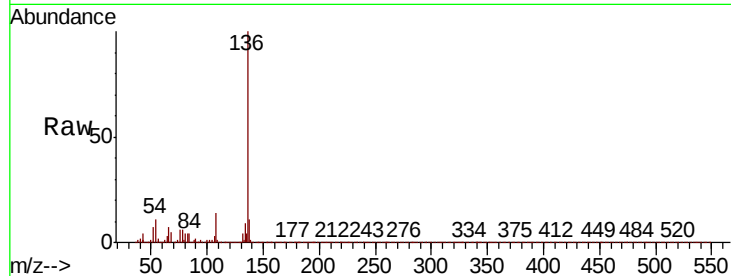
ClientSampleId :

MC-123019-0-2-COMP-B1MSD

Tot Ion	Ratio	Resp	Lower	Upper
136	100	168465		
137	11.3	8.4	12.6	
54	10.9	8.4	12.6	
68	5.2	3.8	5.8	

Manual Integrations
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#22

Acetophenone

Concen: 41.930 ng

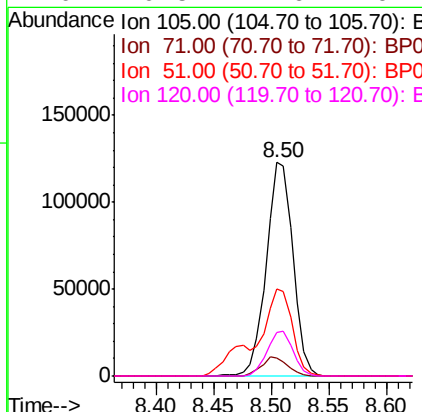
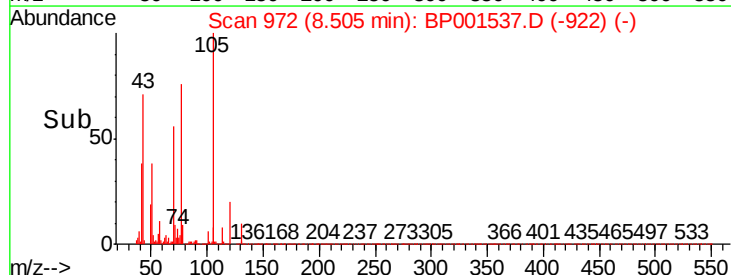
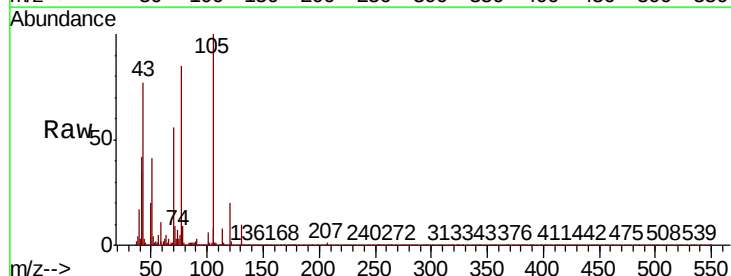
RT: 8.50 min Scan# 972

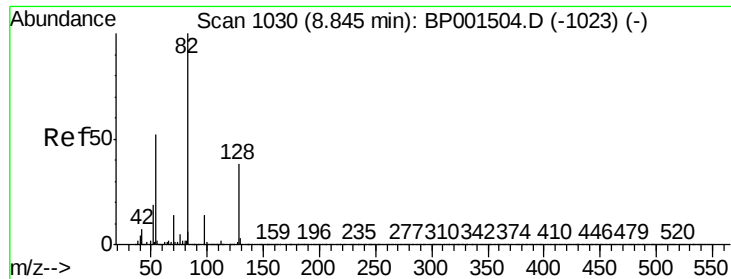
Delta R.T. -0.01 min

Lab File: BP001537.D

Acq: 06 Jan 2020 19:20

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	198702		
71	8.6	6.2	9.4	
51	40.9	33.4	50.0	
120	20.5	17.6	26.4	





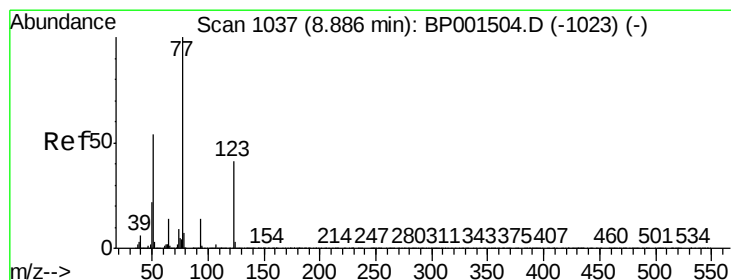
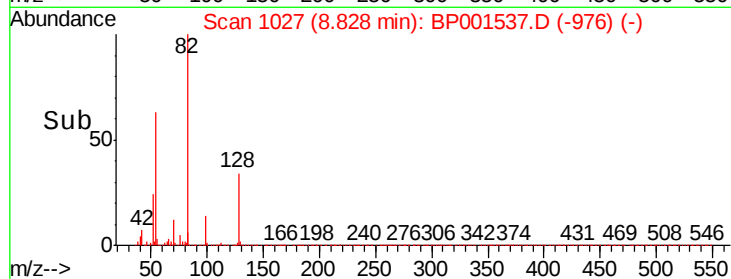
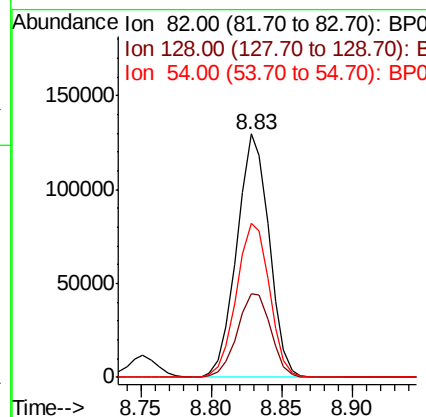
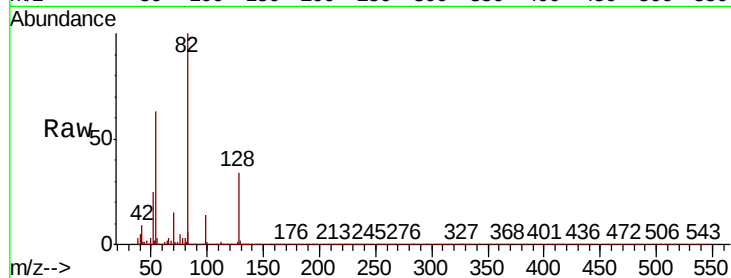
#23
Nitrobenzene-d5
Concen: 60.711 ng
RT: 8.83 min Scan# 1027
Delta R.T. 0.00 min
Lab File: BP001537.D
Acq: 06 Jan 2020 19:20

Instrument :
BNA_P
ClientSampleId :
MC-123019-0-2-COMP-B1MSD

Tot Ion	Ratio	Lower	Upper
82	100		
128	34.3	26.9	40.3
54	63.5	51.8	77.8

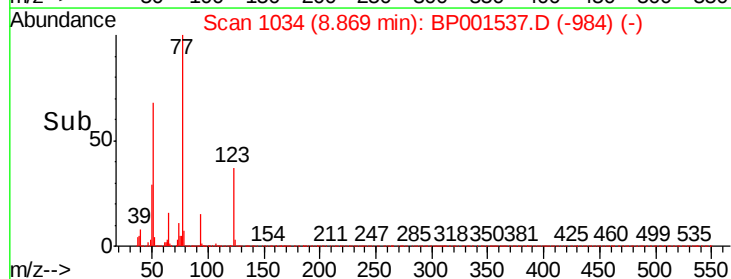
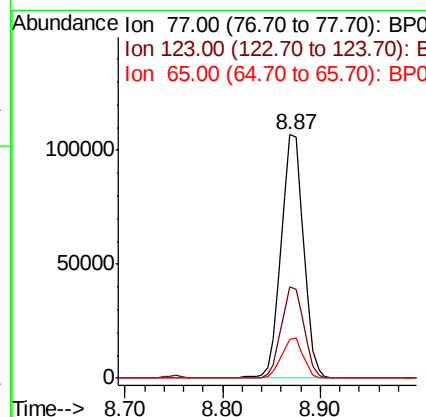
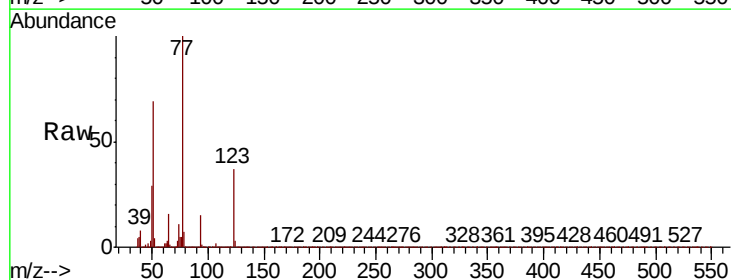
Manual Integrations
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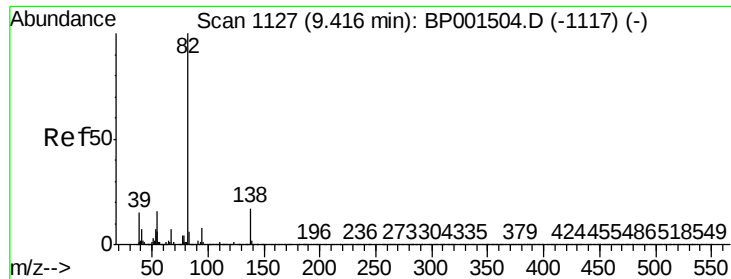
mohammad
1/7/2020 12:31:32 PM



#24
Nitrobenzene
Concen: 48.694 ng
RT: 8.87 min Scan# 1034
Delta R.T. -0.01 min
Lab File: BP001537.D
Acq: 06 Jan 2020 19:20

Tgt Ion	Ratio	Lower	Upper
77	100		
123	37.4	29.9	44.9
65	16.2	13.3	19.9





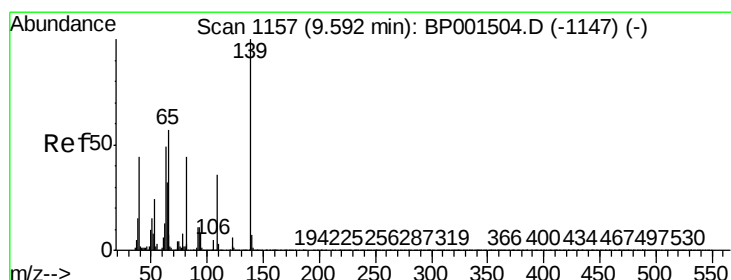
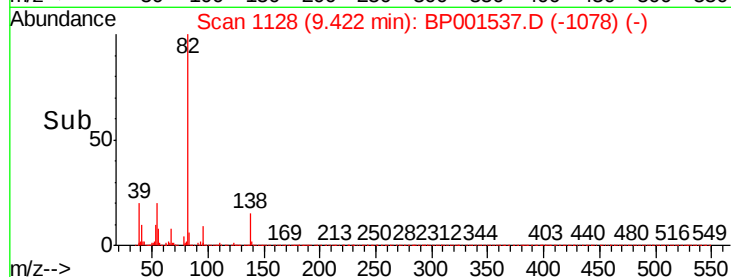
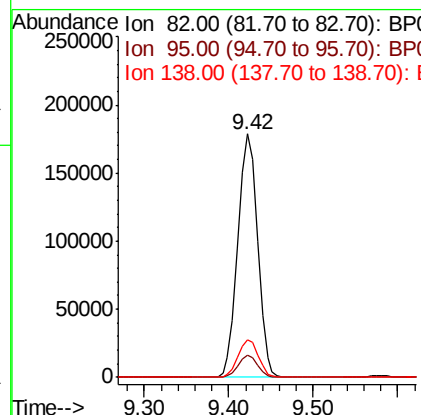
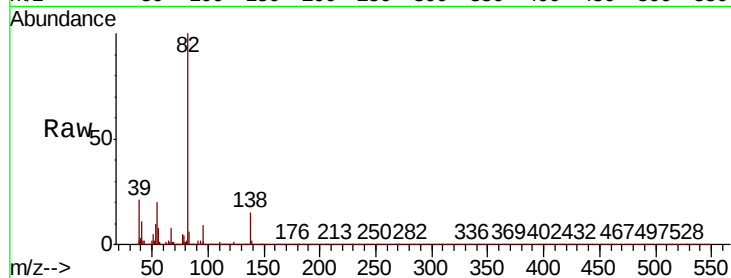
#25
Isophorone
Concen: 43.911 ng
RT: 9.42 min Scan# 1128
Delta R.T. -0.01 min
Lab File: BP001537.D
Acq: 06 Jan 2020 19:20

Instrument :
BNA_P
ClientSampleId :
MC-123019-0-2-COMP-B1MSD

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
95	9.2	7.3	10.9	
138	15.4	12.9	19.3	

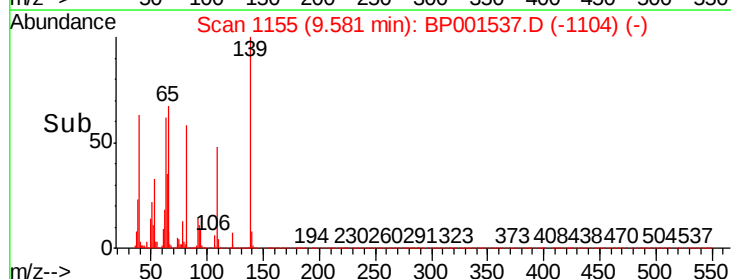
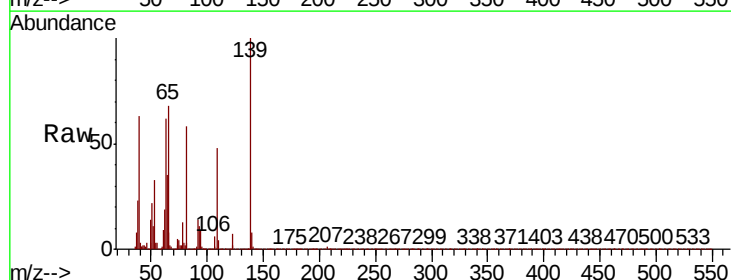
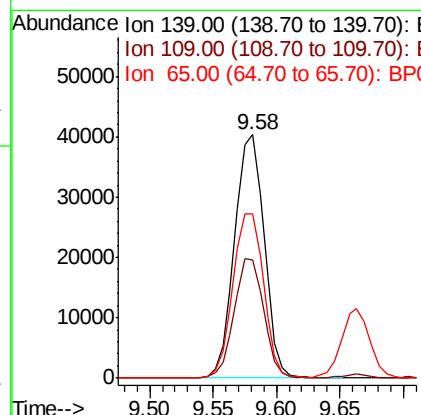
Manual Integrations
APPROVED

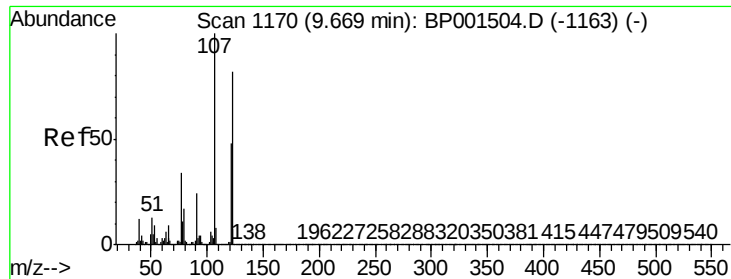
mohammad
1/7/2020 12:31:32 PM



#26
2-Nitrophenol
Concen: 51.996 ng
RT: 9.58 min Scan# 1155
Delta R.T. 0.00 min
Lab File: BP001537.D
Acq: 06 Jan 2020 19:20

Tgt Ion	Ratio	Resp	Lower	Upper
139	100			
109	48.3	40.6	61.0	
65	67.6	53.3	79.9	





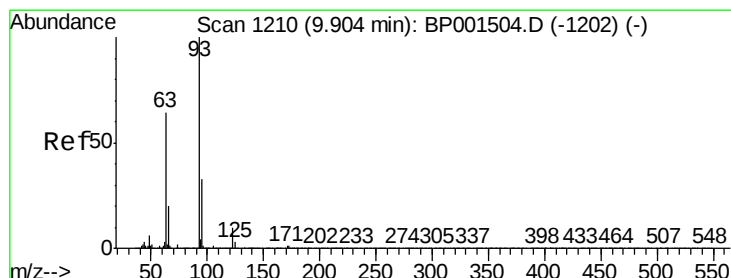
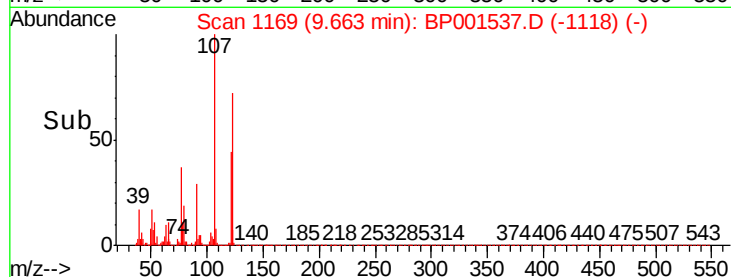
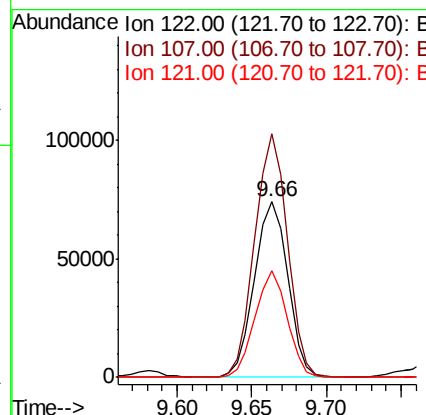
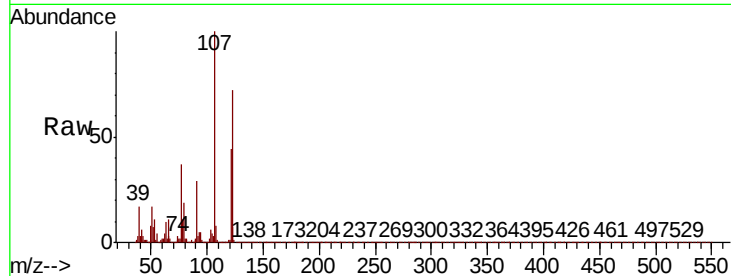
#27
2,4-Dimethylphenol
Concen: 50.407 ng
RT: 9.66 min Scan# 1169
Delta R.T. 0.00 min
Lab File: BP001537.D
Acq: 06 Jan 2020 19:20

Instrument :
BNA_P
ClientSampleId :
MC-123019-0-2-COMP-B1MSD

Tot Ion	Ratio	Lower	Upper
122	100		
107	138.8	109.3	163.9
121	60.7	45.8	68.8

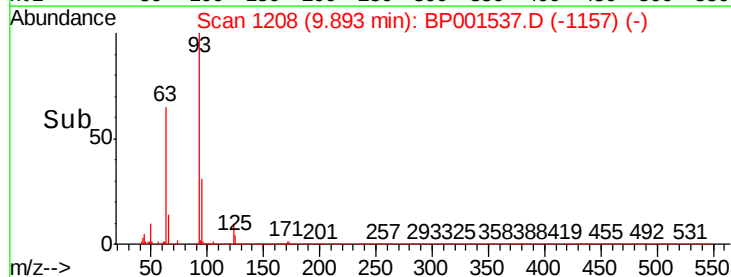
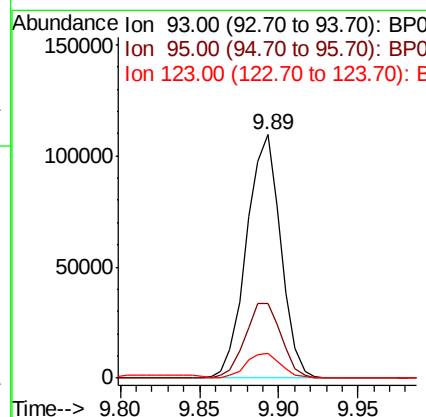
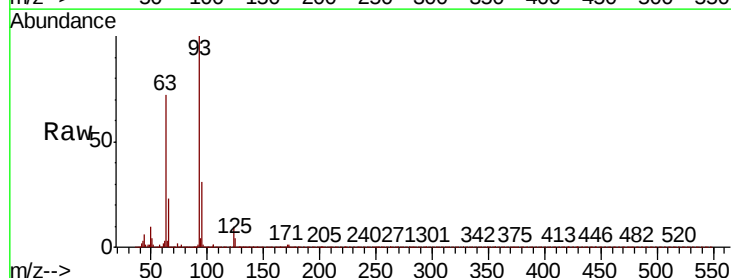
Manual Integrations
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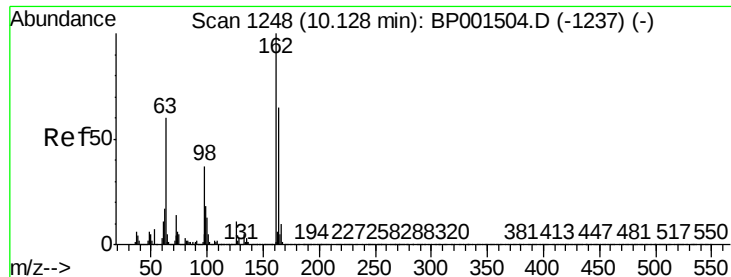
mohammad
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#28
bis(2-Chloroethoxy)methane
Concen: 40.134 ng
RT: 9.89 min Scan# 1208
Delta R.T. 0.00 min
Lab File: BP001537.D
Acq: 06 Jan 2020 19:20

Tgt Ion	Ratio	Lower	Upper
93	100		
95	30.6	25.8	38.8
123	10.4	8.2	12.4





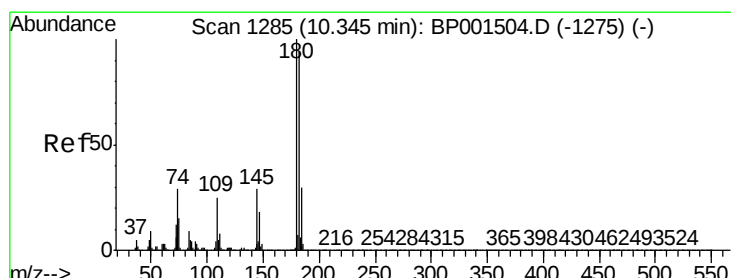
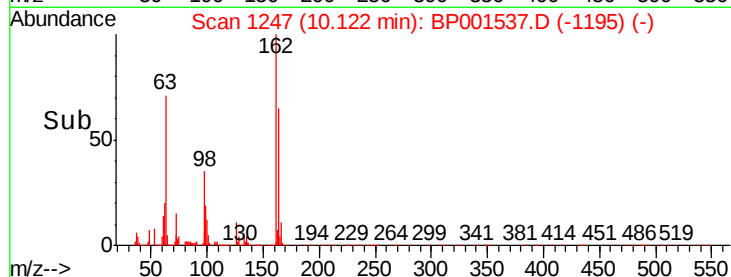
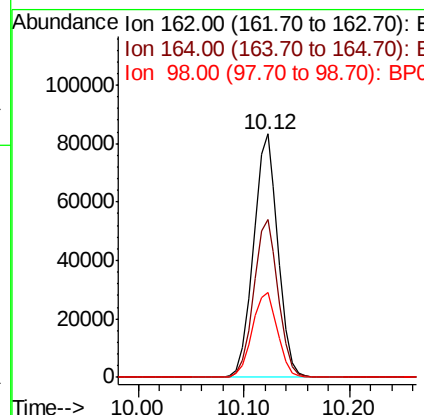
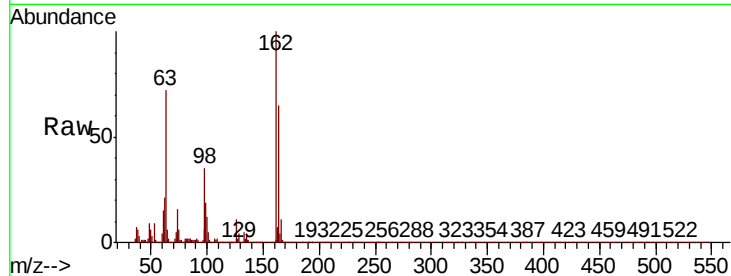
#29
2,4-Dichlorophenol
Concen: 48.153 ng
RT: 10.12 min Scan# 1247
Delta R.T. 0.01 min
Lab File: BP001537.D
Acq: 06 Jan 2020 19:20

Instrument :
BNA_P
ClientSampleId :
MC-123019-0-2-COMP-B1MSD

Tot Ion	Ratio	Resp Lower	Resp Upper
162	100		
164	64.9	43.0	83.0
98	35.1	16.4	56.4

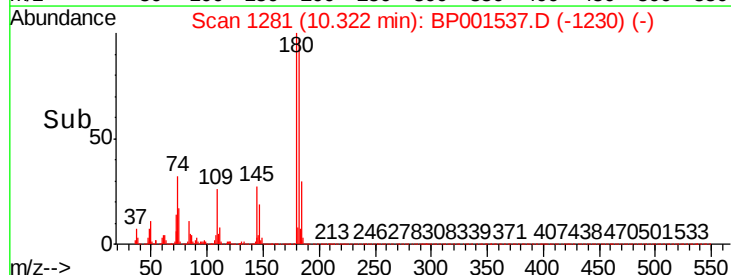
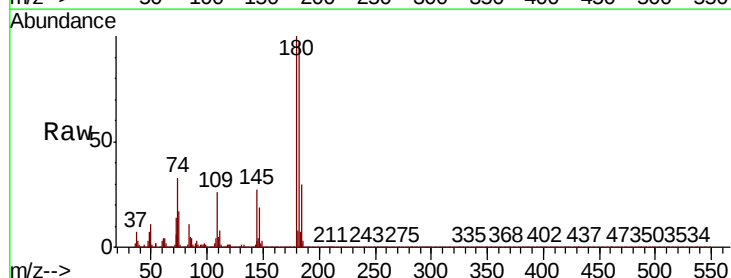
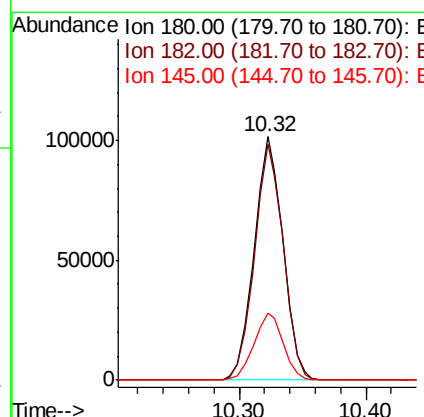
Manual Integrations
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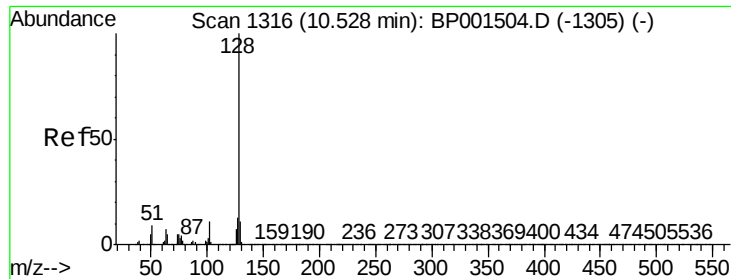
mohammad
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#30
1,2,4-Trichlorobenzene
Concen: 48.558 ng
RT: 10.32 min Scan# 1281
Delta R.T. 0.00 min
Lab File: BP001537.D
Acq: 06 Jan 2020 19:20

Tgt Ion	Ratio	Resp Lower	Resp Upper
180	100		
182	96.7	75.4	113.0
145	27.3	22.7	34.1





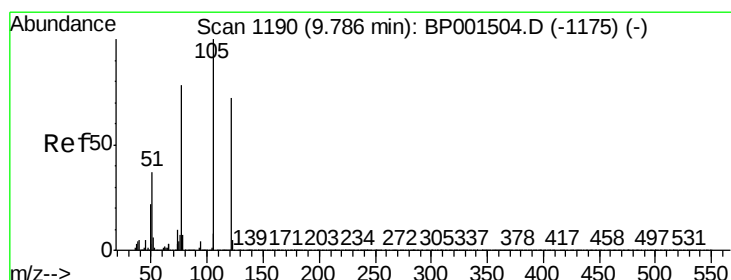
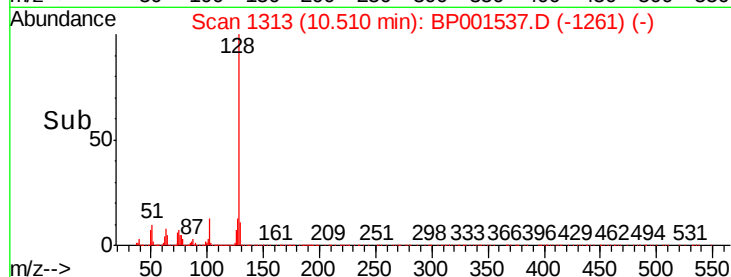
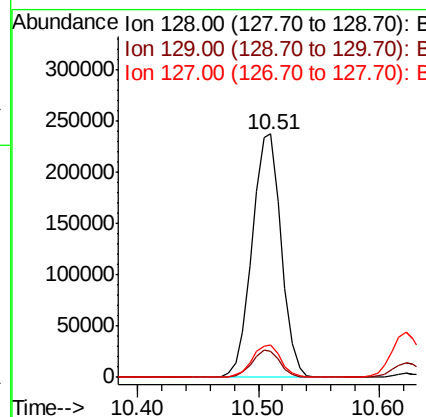
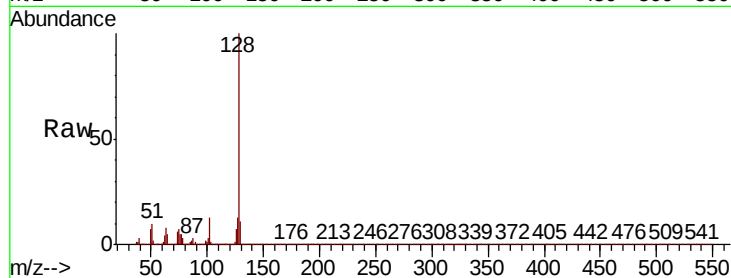
#31
Naphthalene
Concen: 44.828 ng
RT: 10.51 min Scan# 1313
Delta R.T. 0.01 min
Lab File: BP001537.D
Acq: 06 Jan 2020 19:20

Instrument :
BNA_P
ClientSampleId :
MC-123019-0-2-COMP-B1MSD

Tot Ion	Ratio	Lower	Upper
128	100		
129	10.7	8.6	13.0
127	13.3	10.5	15.7

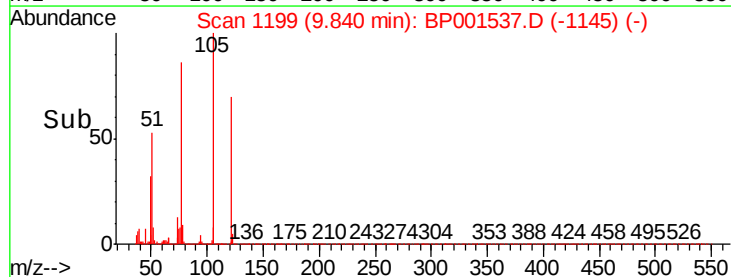
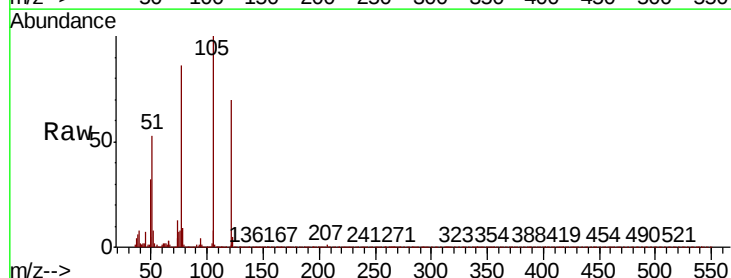
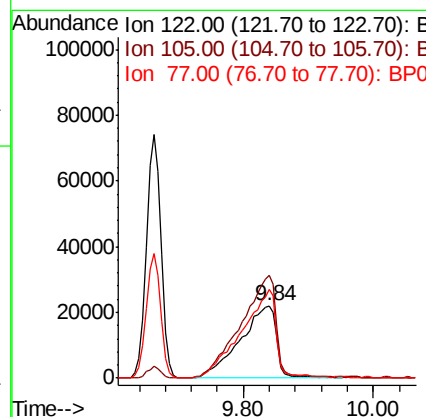
Manual Integrations
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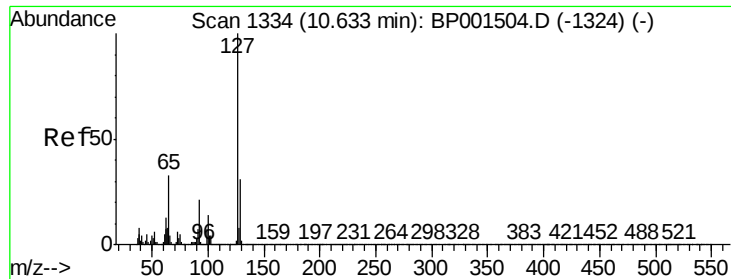
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#32
Benzoic acid
Concen: 52.630 ng
RT: 9.84 min Scan# 1199
Delta R.T. 0.02 min
Lab File: BP001537.D
Acq: 06 Jan 2020 19:20

Tgt Ion	Ratio	Lower	Upper
122	100		
105	142.9	111.0	151.0
77	123.2	96.4	136.4





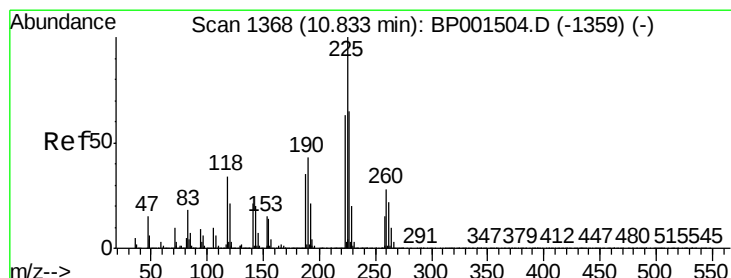
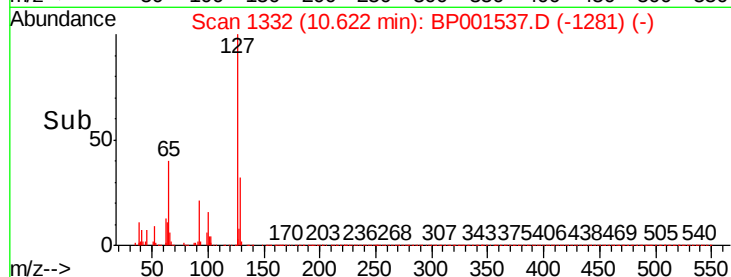
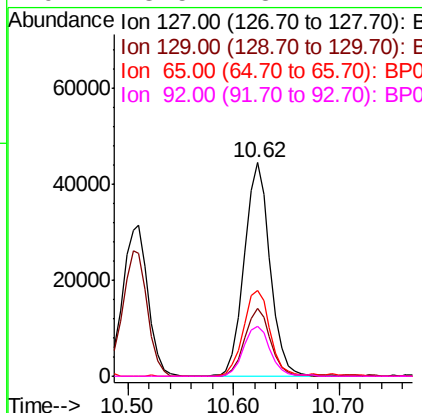
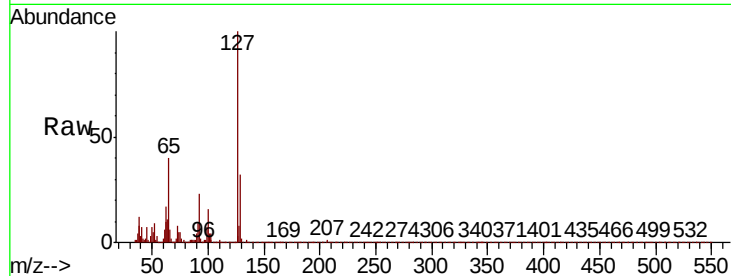
#33
4-Chloroaniline
Concen: 19.498 ng
RT: 10.62 min Scan# 1332
Delta R.T. 0.00 min
Lab File: BP001537.D
Acq: 06 Jan 2020 19:20

Instrument :
BNA_P
ClientSampleId :
MC-123019-0-2-COMP-B1MSD

Tot Ion	Ratio	Lower	Upper
127	100		
129	32.1	25.0	37.4
65	40.0	34.0	51.0
92	23.5	18.1	27.1

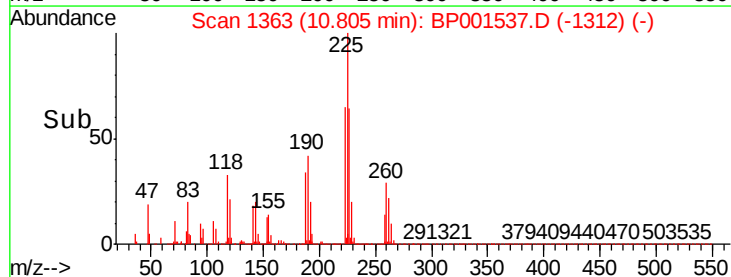
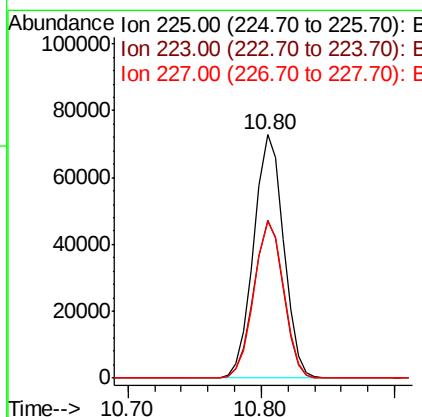
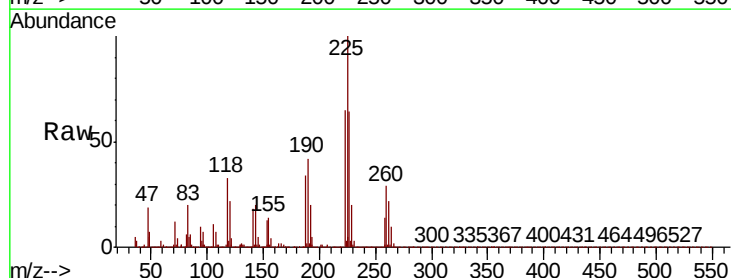
Manual Integrations
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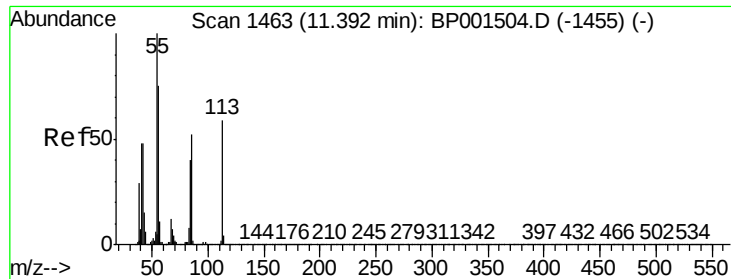
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#34
Hexachlorobutadiene
Concen: 51.393 ng
RT: 10.80 min Scan# 1363
Delta R.T. 0.00 min
Lab File: BP001537.D
Acq: 06 Jan 2020 19:20

Tgt Ion	Ratio	Lower	Upper
225	100		
223	64.9	49.0	73.4
227	64.4	50.1	75.1





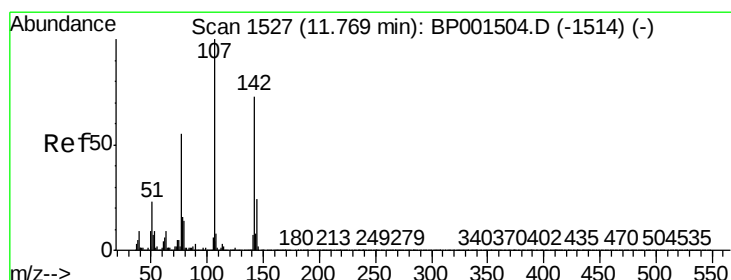
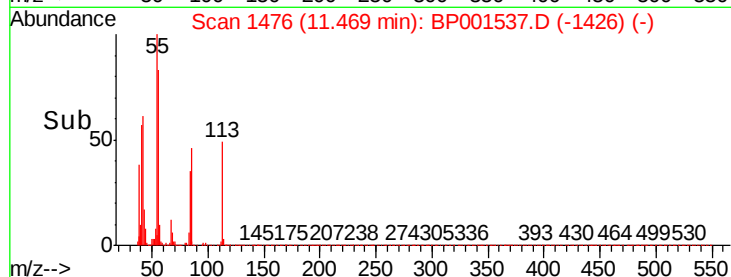
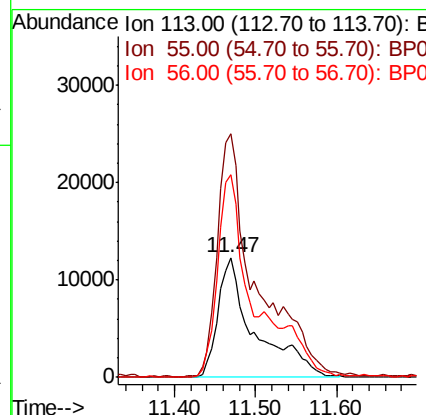
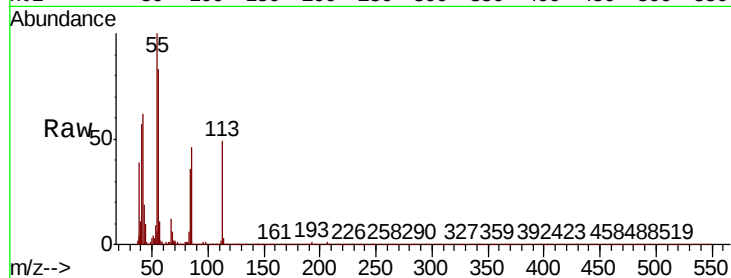
#35
Caprolactam
Concen: 42.281 ng/ml
RT: 11.47 min Scan# 1476
Delta R.T. -0.01 min
Lab File: BP001537.D
Acq: 06 Jan 2020 19:20

Instrument :
BNA_P
ClientSampleId :
MC-123019-0-2-COMP-B1MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
113	100				
55	203.2	176.1	216.1		
56	169.2	137.1	177.1		

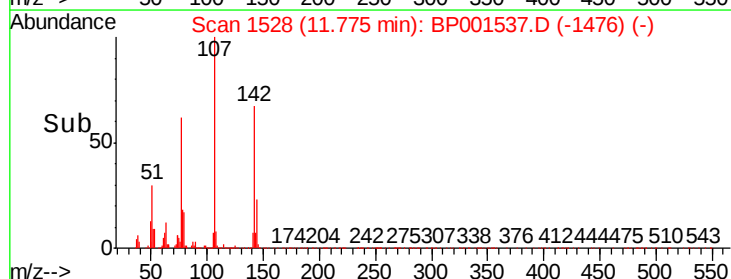
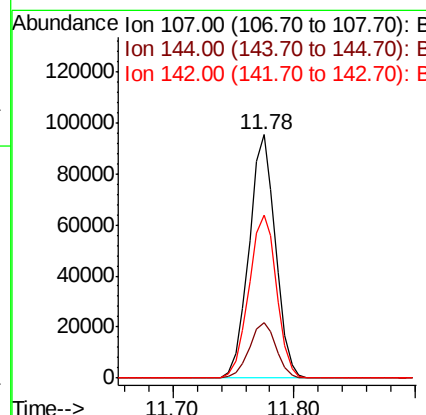
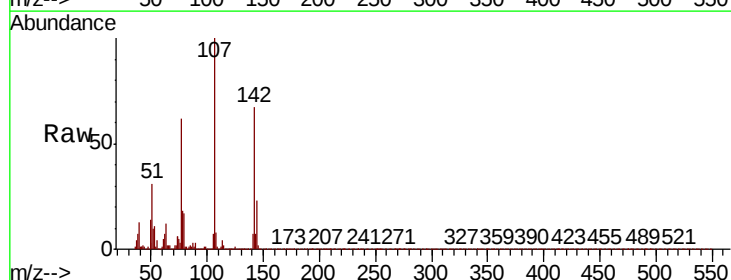
Manual Integrations
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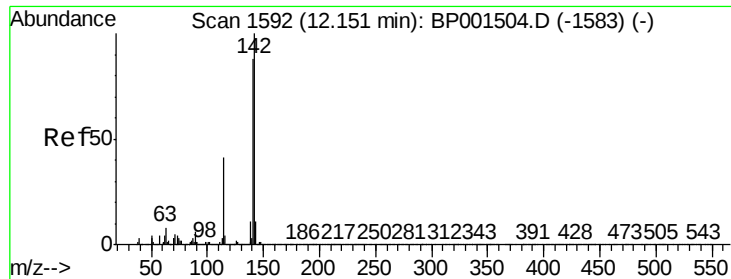
mohammad
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#36
4-Chloro-3-methylphenol
Concen: 47.887 ng/ml
RT: 11.78 min Scan# 1528
Delta R.T. 0.01 min
Lab File: BP001537.D
Acq: 06 Jan 2020 19:20

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100				
144	22.7	17.8	26.8		
142	67.0	56.4	84.6		





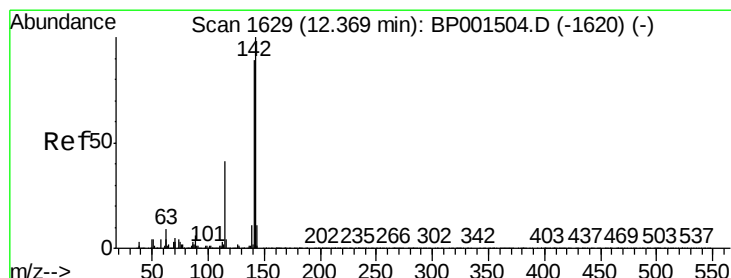
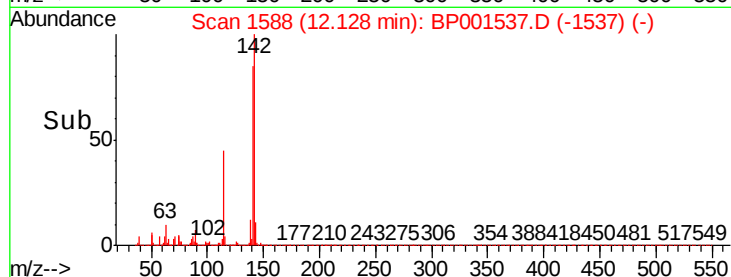
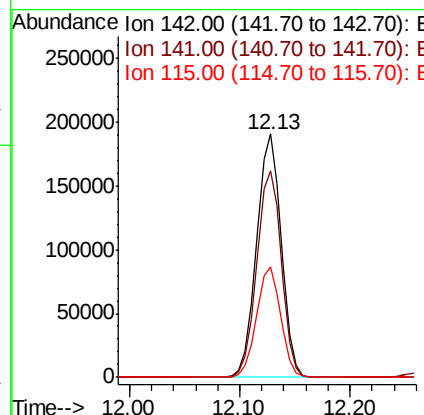
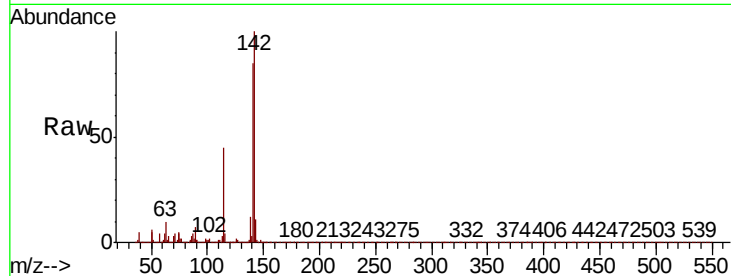
#37
2-Methylnaphthalene
Concen: 47.208 ng
RT: 12.13 min Scan# 1588
Delta R.T. 0.00 min
Lab File: BP001537.D
Acq: 06 Jan 2020 19:20

Instrument :
BNA_P
ClientSampleId :
MC-123019-0-2-COMP-B1MSD

Tot Ion	Ratio	Lower	Upper
142	100		
141	85.0	69.3	103.9
115	45.4	35.8	53.8

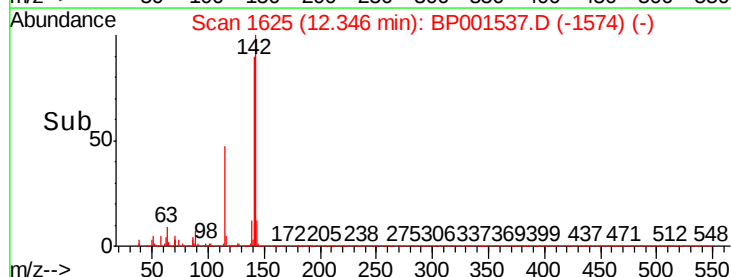
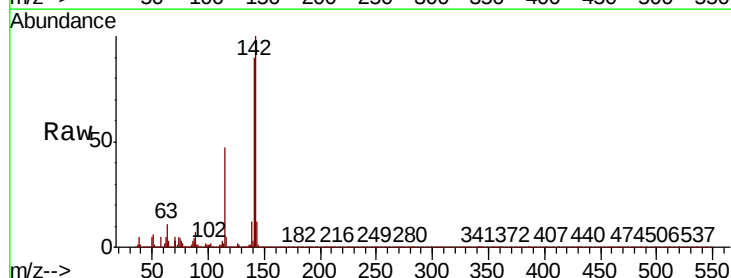
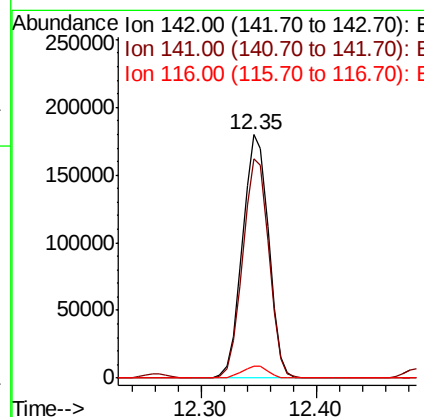
Manual Integrations
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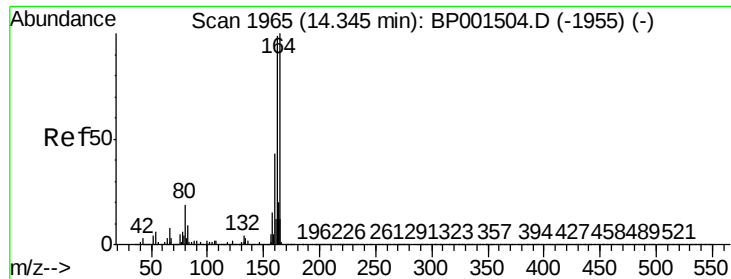
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#38
1-Methylnaphthalene
Concen: 47.091 ng
RT: 12.35 min Scan# 1625
Delta R.T. 0.00 min
Lab File: BP001537.D
Acq: 06 Jan 2020 19:20

Tgt Ion	Ratio	Lower	Upper
142	100		
141	90.2	71.7	107.5
116	5.0	3.9	5.9





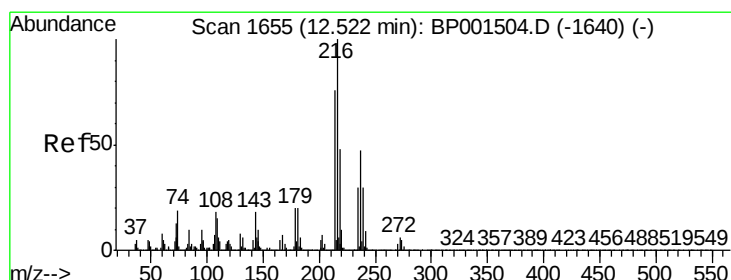
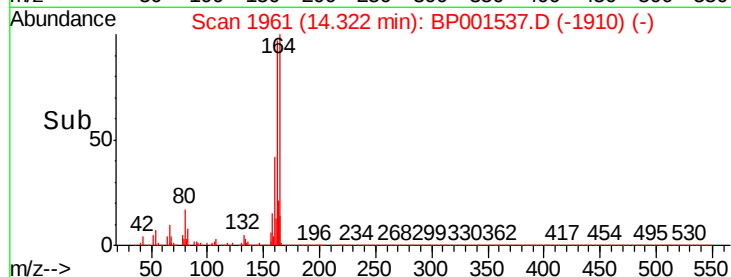
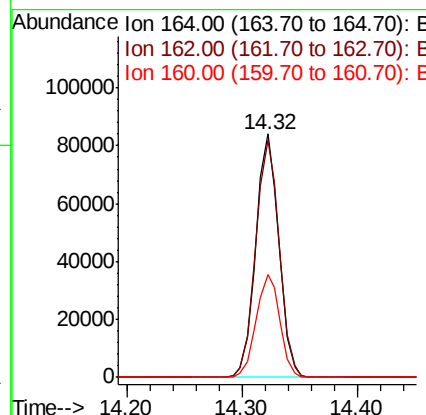
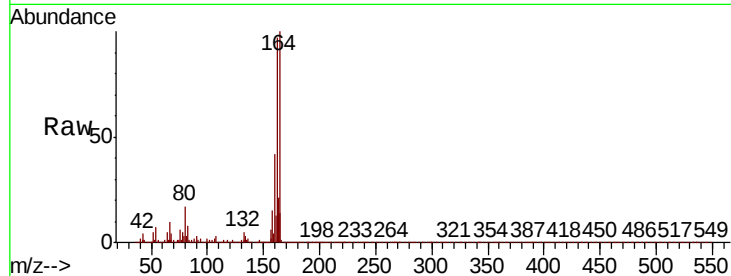
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.32 min Scan# 1961
Delta R.T. 0.00 min
Lab File: BP001537.D
Acq: 06 Jan 2020 19:20

Instrument :
BNA_P
ClientSampleId :
MC-123019-0-2-COMP-B1MSD

Tot Ion	Ratio	Lower	Upper
164	100		
162	97.4	79.0	118.4
160	42.3	34.1	51.1

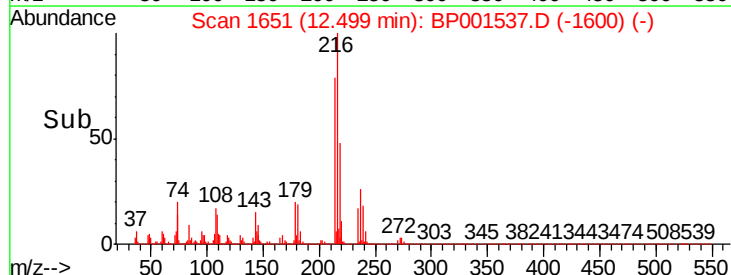
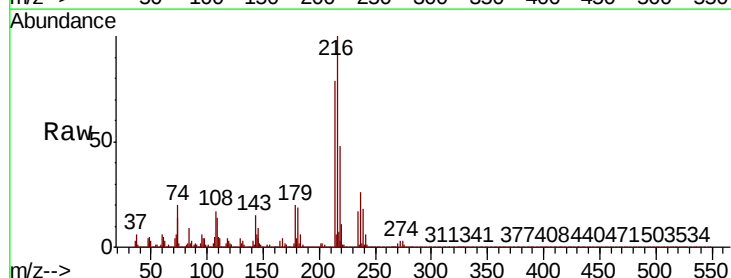
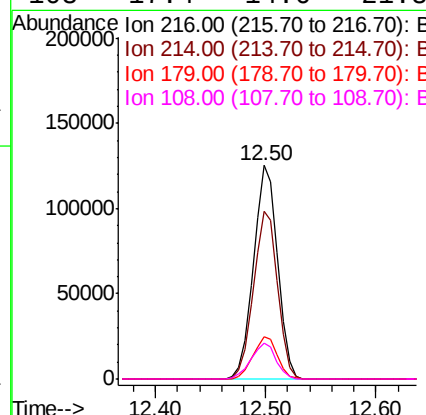
Manual Integrations
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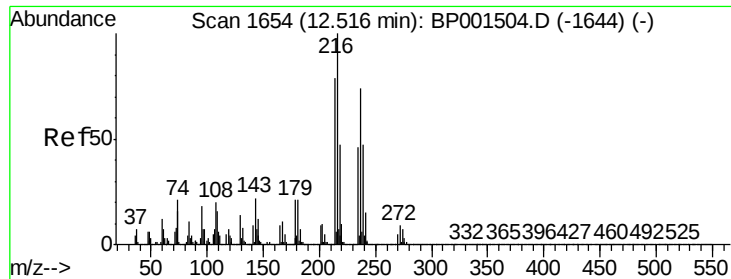
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#40
1,2,4,5-Tetrachlorobenzene
Concen: 49.061 ng
RT: 12.50 min Scan# 1651
Delta R.T. 0.00 min
Lab File: BP001537.D
Acq: 06 Jan 2020 19:20

Tgt Ion	Ratio	Lower	Upper
216	100		
214	78.7	62.3	93.5
179	19.8	16.6	25.0
108	17.4	14.6	21.8





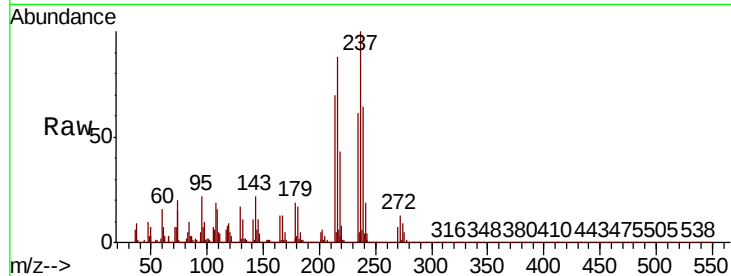
#41
Hexachlorocyclopentadiene
Concen: 44.605 ng
RT: 12.49 min Scan# 1649
Delta R.T. 0.00 min
Lab File: BP001537.D
Acq: 06 Jan 2020 19:20

Instrument :
BNA_P
ClientSampleId :
MC-123019-0-2-COMP-B1MSD

Tot Ion	Ratio	Resp	Lower	Upper
237	100			
235	61.3	43.4	83.4	
272	12.9	0.0	31.6	

Manual Integrations
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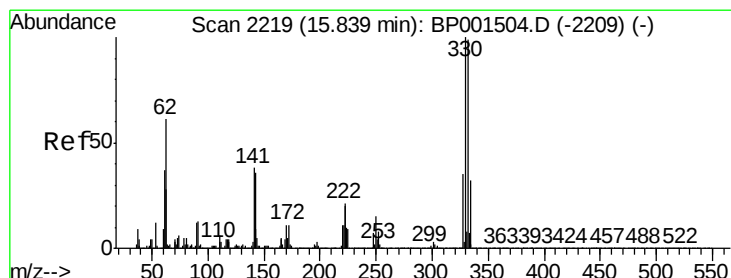
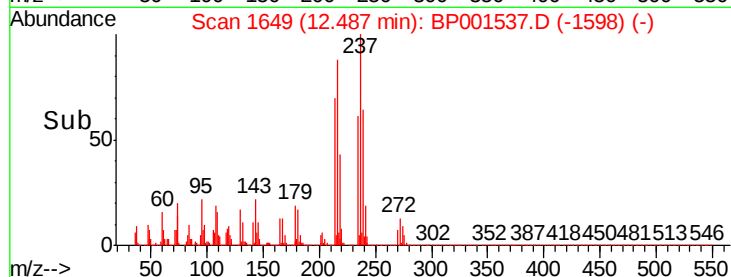
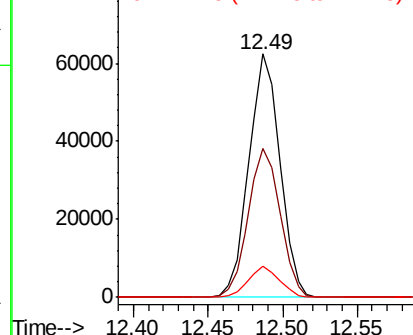


Abundance

Ion 236.80 (236.50 to 237.50): E

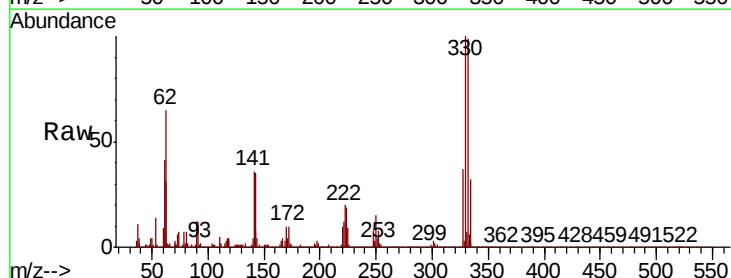
Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



#42
2,4,6-Tribromophenol
Concen: 101.281 ng
RT: 15.82 min Scan# 2216
Delta R.T. 0.00 min
Lab File: BP001537.D
Acq: 06 Jan 2020 19:20

Tgt Ion	Ratio	Resp	Lower	Upper
330	100			
332	96.8	78.0	117.0	
141	36.3	28.7	43.1	

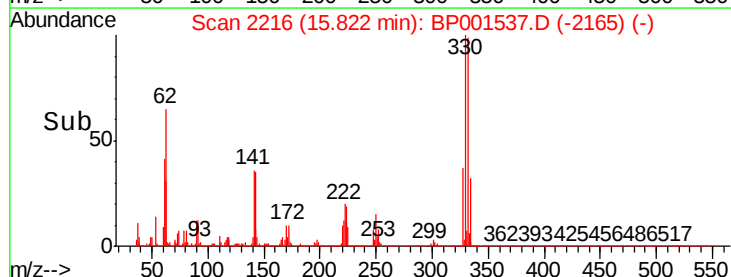
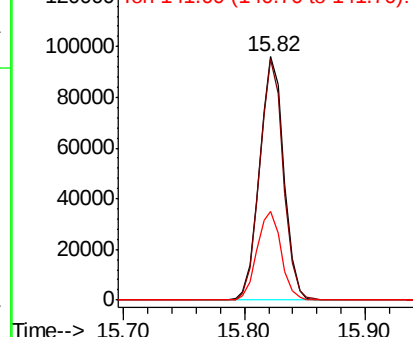


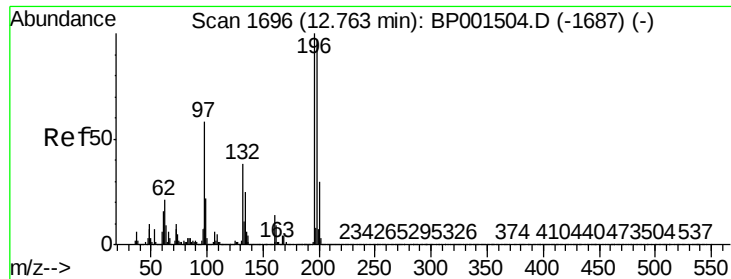
Abundance

Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





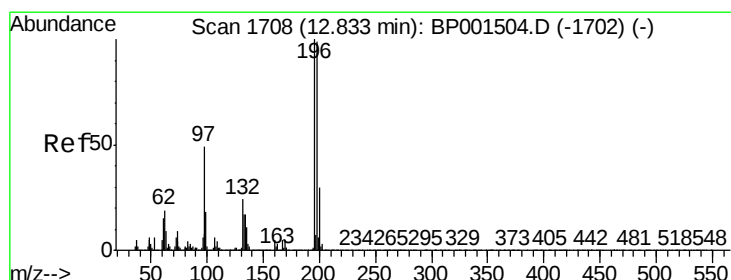
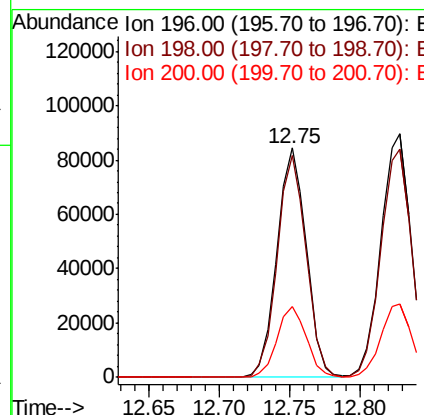
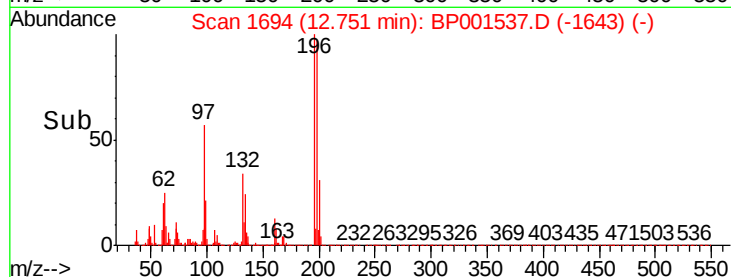
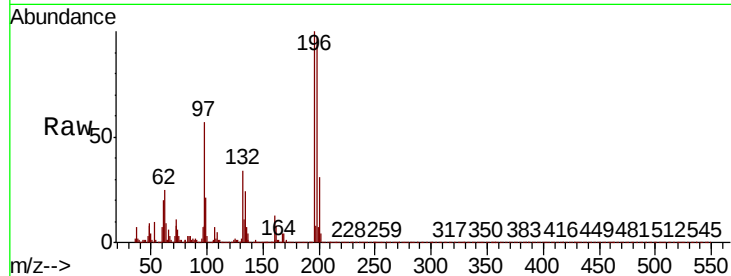
#43
2,4,6-Trichlorophenol
Concen: 50.201 ng
RT: 12.75 min Scan# 1694
Delta R.T. 0.00 min
Lab File: BP001537.D
Acq: 06 Jan 2020 19:20

Instrument :
BNA_P
ClientSampleId :
MC-123019-0-2-COMP-B1MSD

Tot Ion	Ratio	Resp	Lower	Upper
196	100	122658		
198	96.6	78.4	117.6	
200	31.0	24.4	36.6	

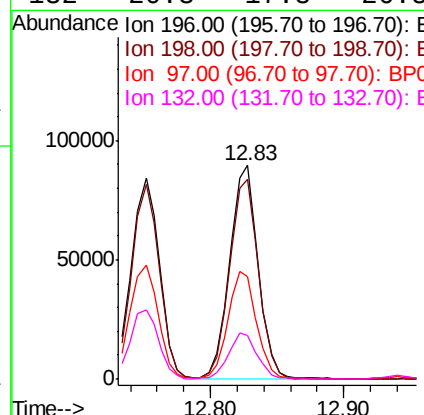
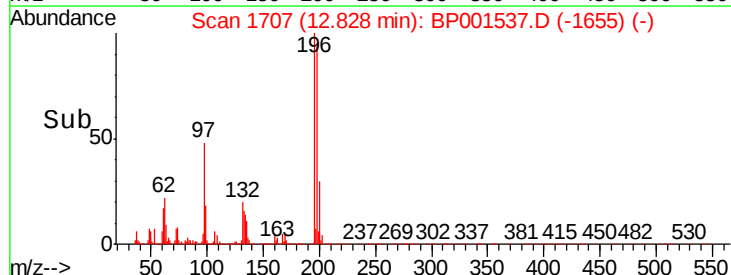
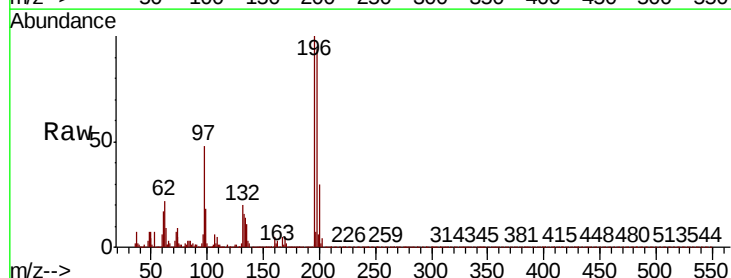
Manual Integrations
APPROVED

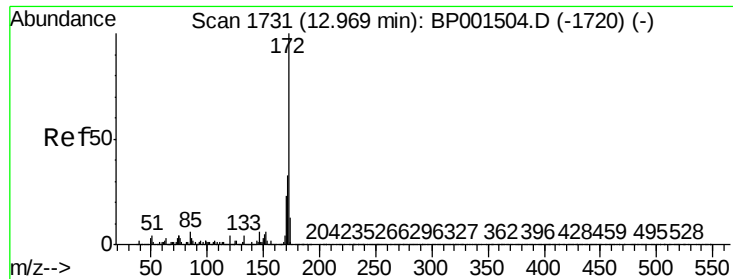
mohammad
1/7/2020 12:31:32 PM



#44
2,4,5-Trichlorophenol
Concen: 52.725 ng
RT: 12.83 min Scan# 1707
Delta R.T. 0.01 min
Lab File: BP001537.D
Acq: 06 Jan 2020 19:20

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	133999		
198	93.7	75.6	113.4	
97	47.9	41.8	62.8	
132	20.3	17.8	26.8	





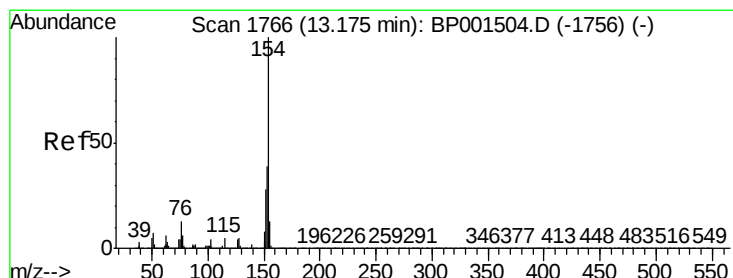
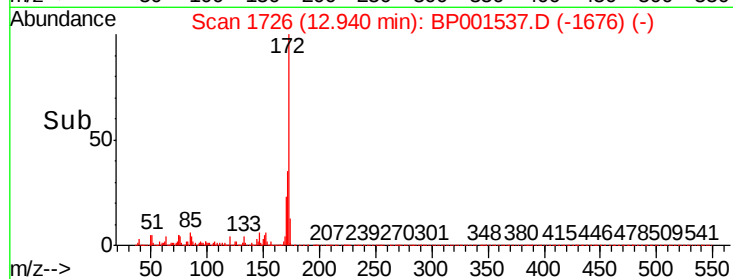
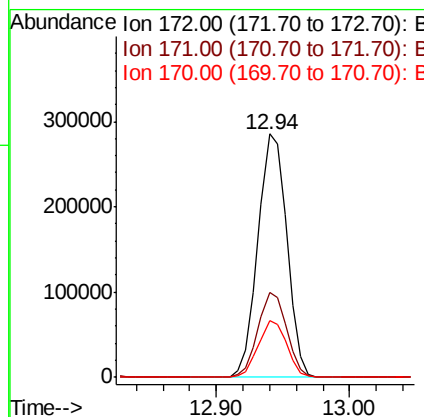
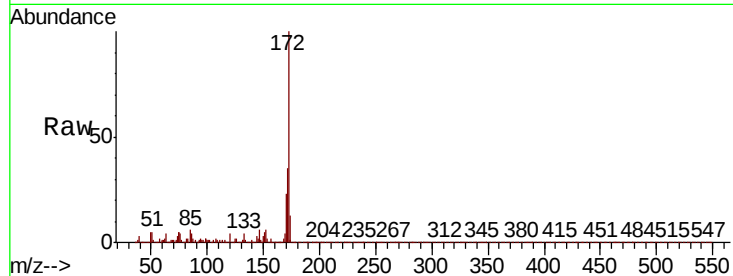
#45
2-Fluorobiphenyl
Concen: 53.631 ng
RT: 12.94 min Scan# 1726
Delta R.T. -0.01 min
Lab File: BP001537.D
Acq: 06 Jan 2020 19:20

Instrument :
BNA_P
ClientSampleId :
MC-123019-0-2-COMP-B1MSD

Tot Ion	Ratio	Lower	Upper
172	100		
171	34.7	28.0	42.0
170	23.1	18.6	27.8

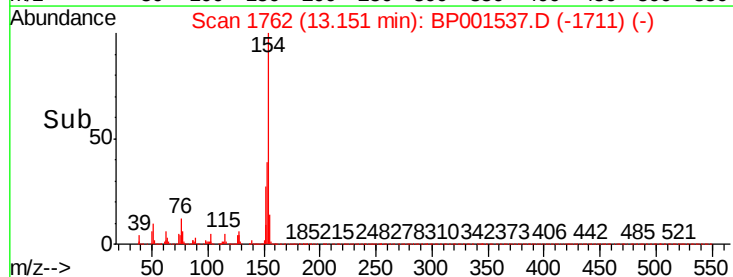
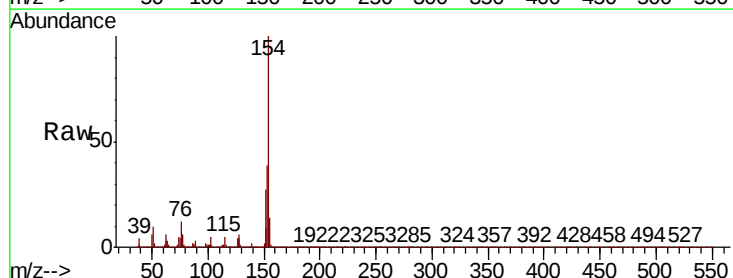
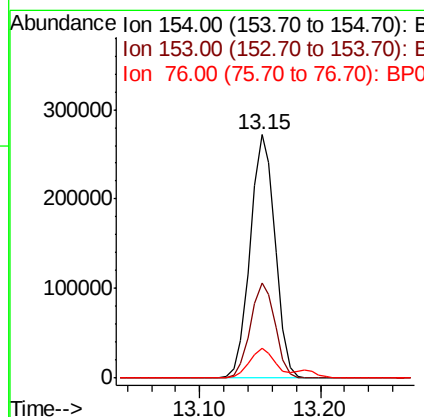
Manual Integrations
APPROVED

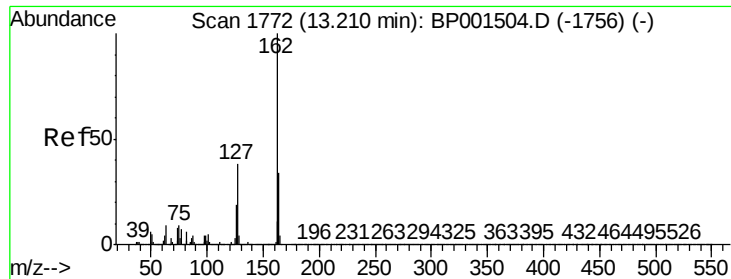
mohammad
1/7/2020 12:31:32 PM



#46
1,1'-Biphenyl
Concen: 44.297 ng
RT: 13.15 min Scan# 1762
Delta R.T. 0.00 min
Lab File: BP001537.D
Acq: 06 Jan 2020 19:20

Tgt Ion	Ratio	Lower	Upper
154	100		
153	39.1	20.6	60.6
76	12.2	0.0	33.3





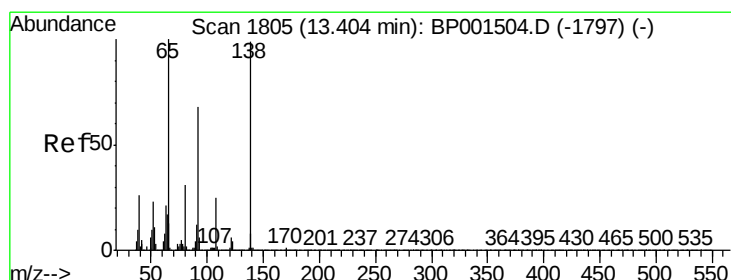
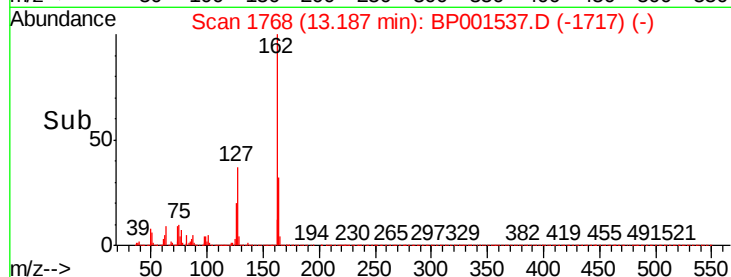
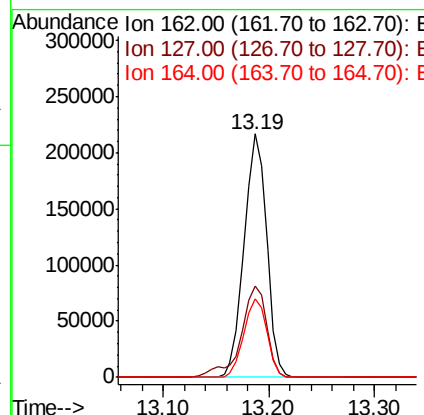
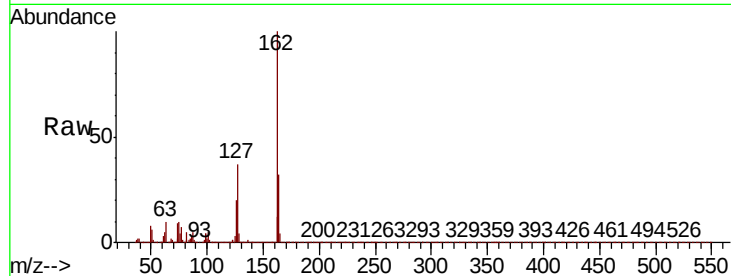
#47
2-Chloronaphthalene
Concen: 44.038 ng
RT: 13.19 min Scan# 1768
Delta R.T. 0.00 min
Lab File: BP001537.D
Acq: 06 Jan 2020 19:20

Instrument :
BNA_P
ClientSampleId :
MC-123019-0-2-COMP-B1MSD

Tot Ion	Ratio	Lower	Upper
162	100		
127	37.5	30.3	45.5
164	32.2	26.1	39.1

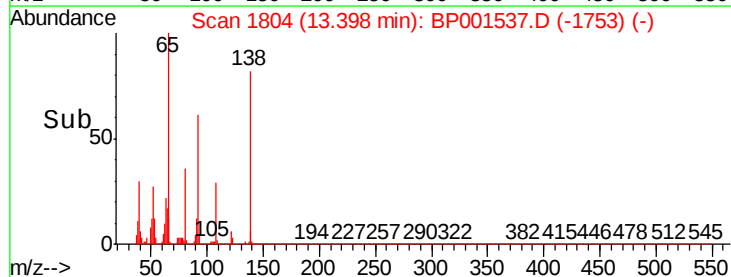
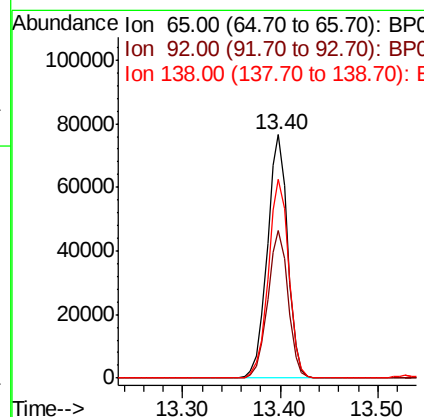
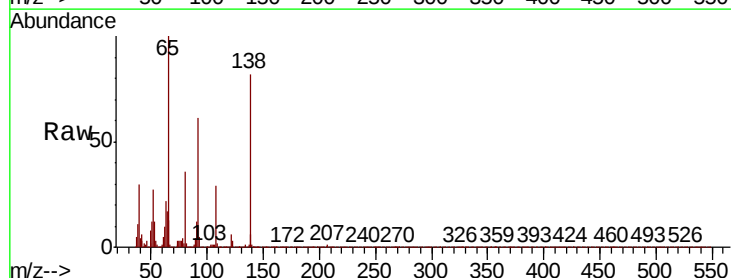
Manual Integrations
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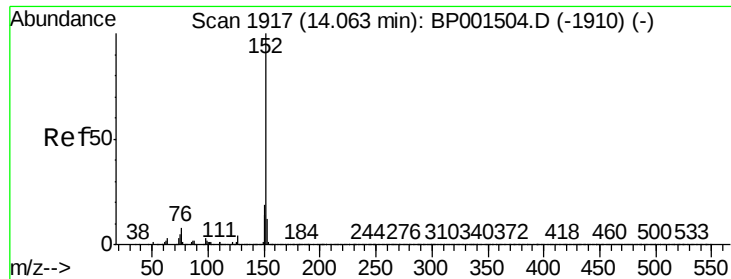
mohammad
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#48
2-Nitroaniline
Concen: 53.134 ng
RT: 13.40 min Scan# 1804
Delta R.T. 0.00 min
Lab File: BP001537.D
Acq: 06 Jan 2020 19:20

Tgt Ion	Ratio	Lower	Upper
65	100		
92	60.8	51.3	76.9
138	81.5	67.4	101.2





#49

Acenaphthylene

Concen: 44.680 ng

RT: 14.04 min Scan# 1913

Delta R.T. 0.00 min

Lab File: BP001537.D

Acq: 06 Jan 2020 19:20

Instrument :

BNA_P

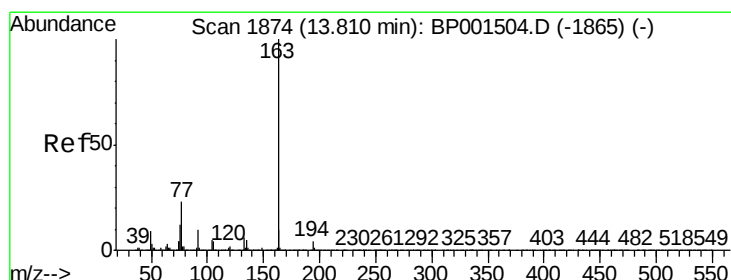
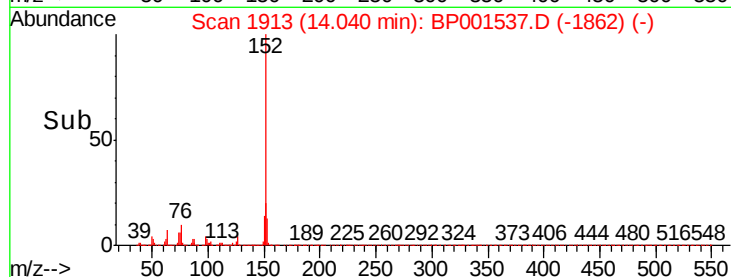
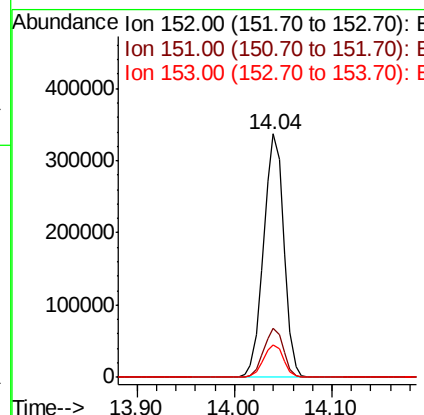
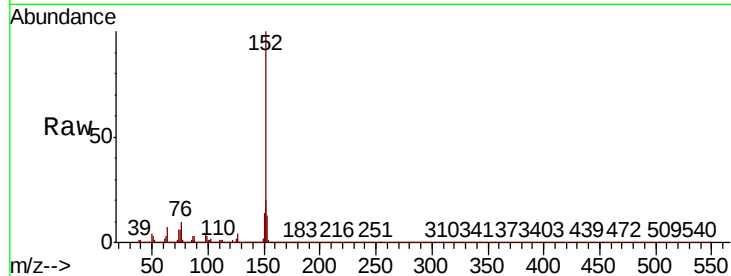
ClientSampleId :

MC-123019-0-2-COMP-B1MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
152	100		491764		
151	20.4	15.7	23.5		
153	13.4	10.6	16.0		

Manual Integrations
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#50

Dimethylphthalate

Concen: 46.191 ng

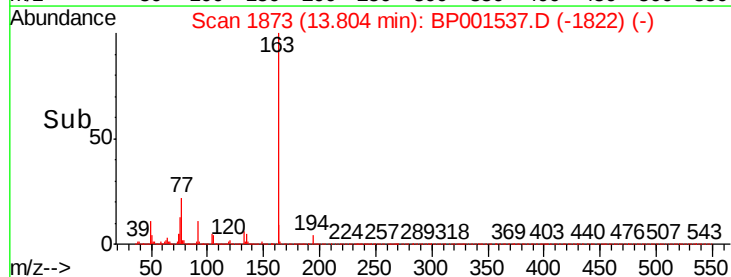
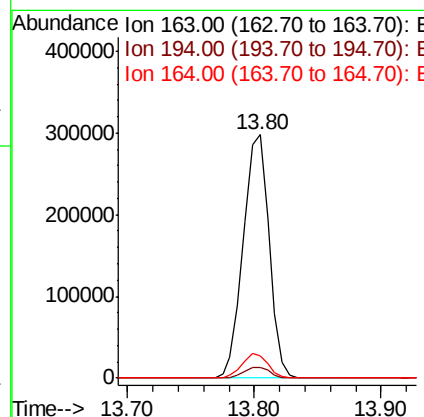
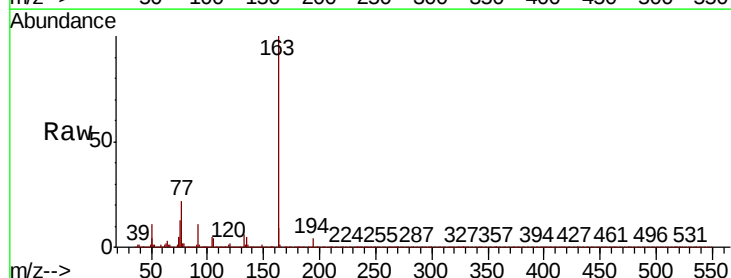
RT: 13.80 min Scan# 1873

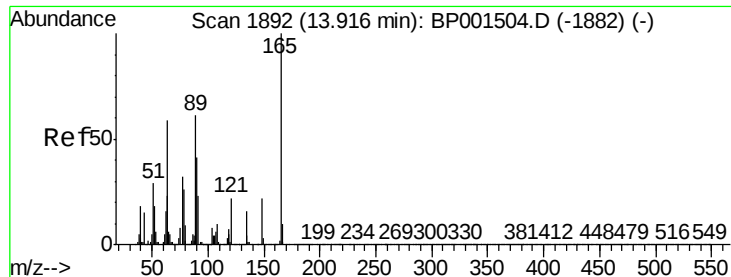
Delta R.T. 0.00 min

Lab File: BP001537.D

Acq: 06 Jan 2020 19:20

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
163	100		422106		
194	4.3	3.5	5.3		
164	9.3	7.9	11.9		





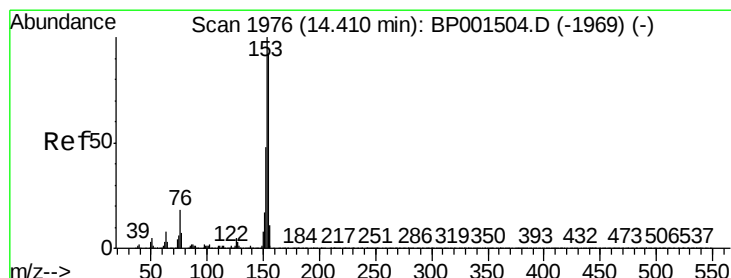
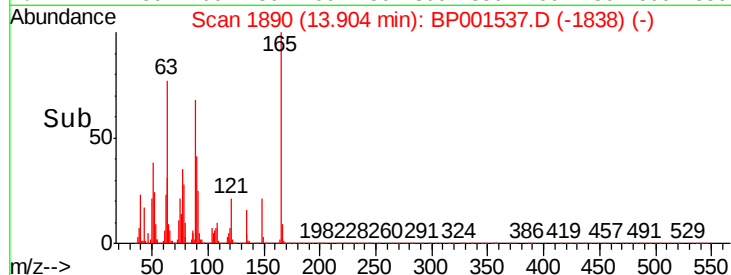
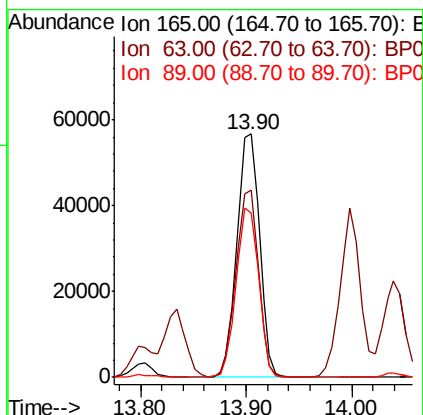
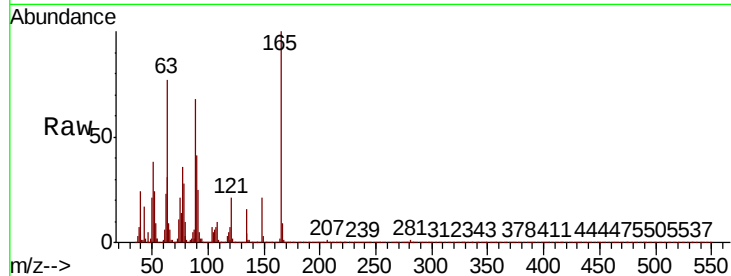
#51
2,6-Dinitrotoluene
Concen: 46.470 ng
RT: 13.90 min Scan# 1890
Delta R.T. 0.01 min
Lab File: BP001537.D
Acq: 06 Jan 2020 19:20

Instrument :
BNA_P
ClientSampleId :
MC-123019-0-2-COMP-B1MSD

Tot Ion	Ratio	Lower	Upper
165	100		
63	76.8	62.7	94.1
89	67.5	55.4	83.0

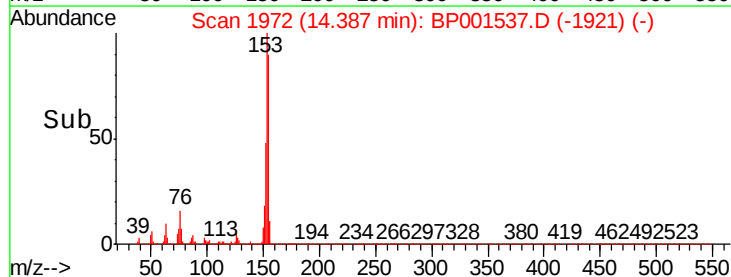
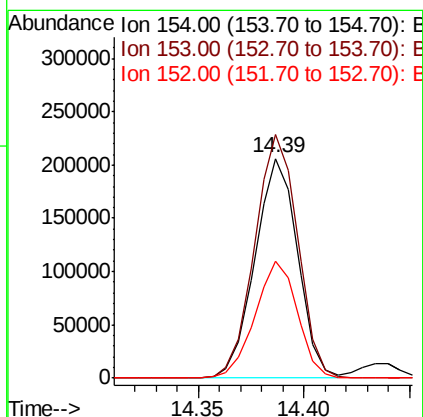
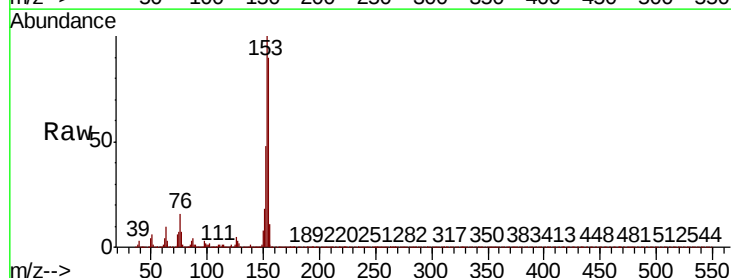
Manual Integrations
APPROVED

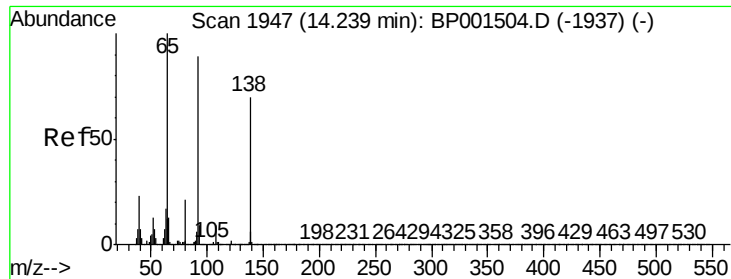
mohammad
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#52
Acenaphthene
Concen: 42.006 ng
RT: 14.39 min Scan# 1972
Delta R.T. 0.00 min
Lab File: BP001537.D
Acq: 06 Jan 2020 19:20

Tgt Ion	Ratio	Lower	Upper
154	100		
153	110.8	88.6	133.0
152	53.4	41.7	62.5





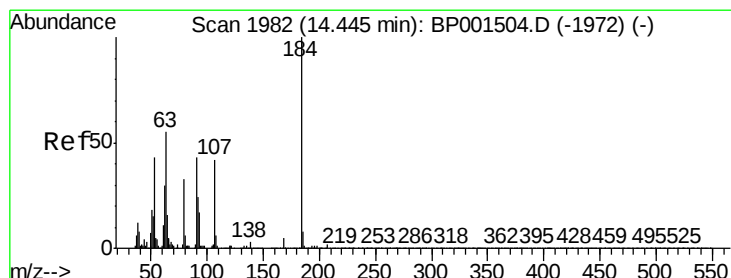
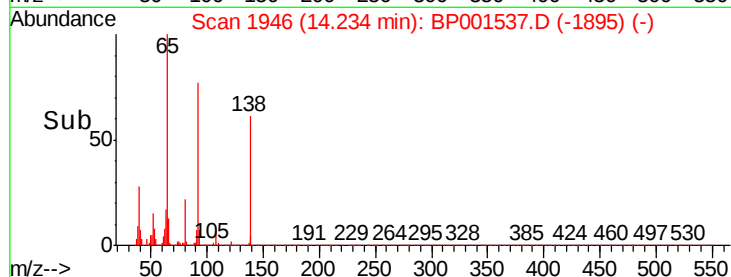
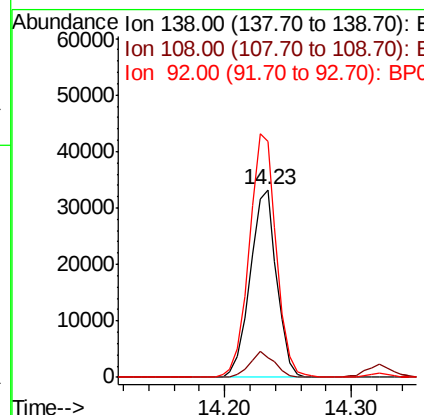
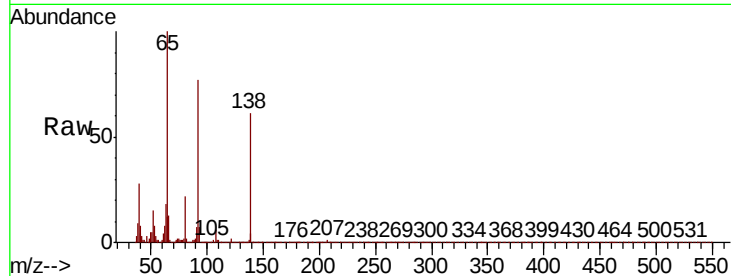
#53
3-Nitroaniline
Concen: 23.778 ng
RT: 14.23 min Scan# 1946
Delta R.T. 0.00 min
Lab File: BP001537.D
Acq: 06 Jan 2020 19:20

Instrument :
BNA_P
ClientSampleId :
MC-123019-0-2-COMP-B1MSD

Tot Ion	Ratio	Lower	Upper
138	100		
108	10.4	10.3	15.5
92	125.8	104.0	156.0

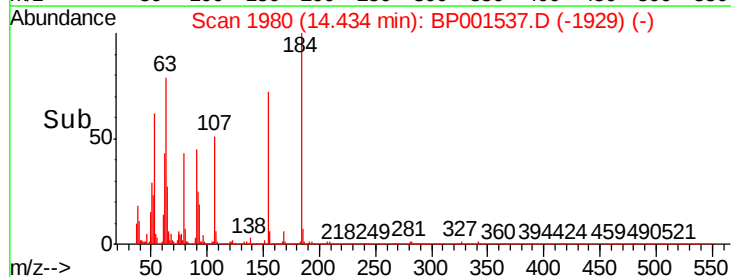
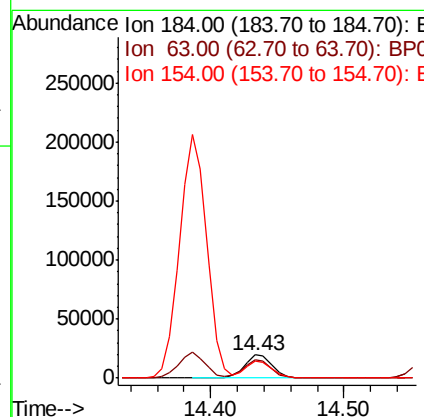
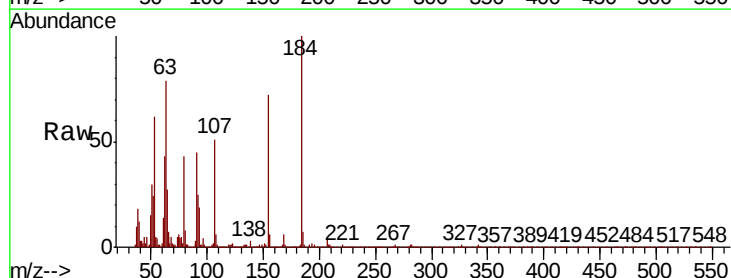
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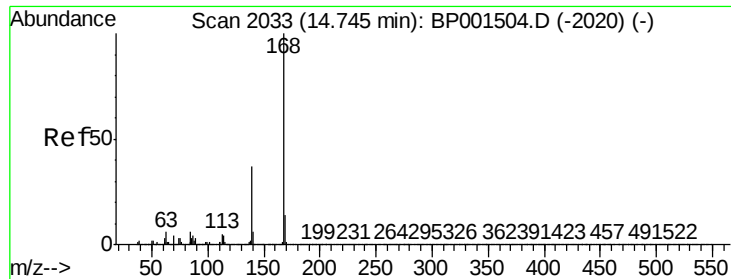
mohammad
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#54
2,4-Dinitrophenol
Concen: 40.392 ng
RT: 14.43 min Scan# 1980
Delta R.T. 0.00 min
Lab File: BP001537.D
Acq: 06 Jan 2020 19:20

Tgt Ion	Ratio	Lower	Upper
184	100		
63	78.9	61.7	92.5
154	72.4	58.9	88.3





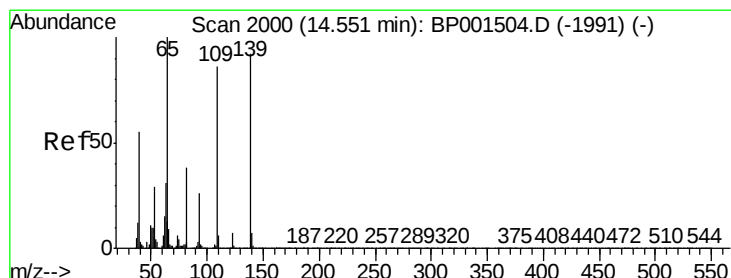
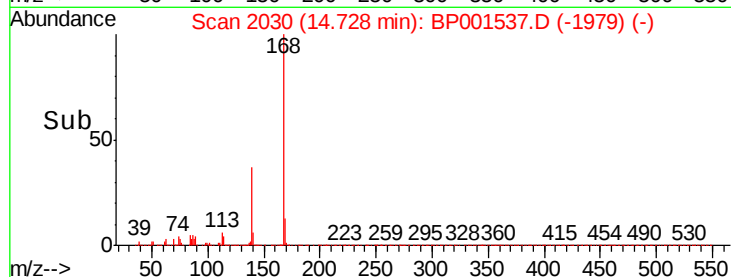
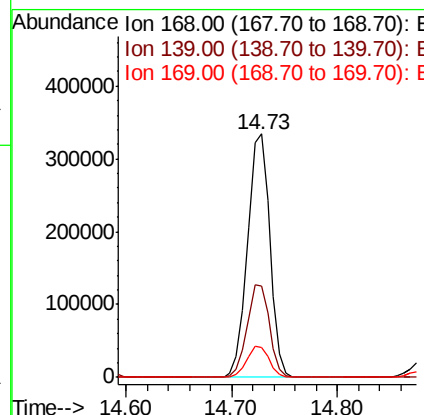
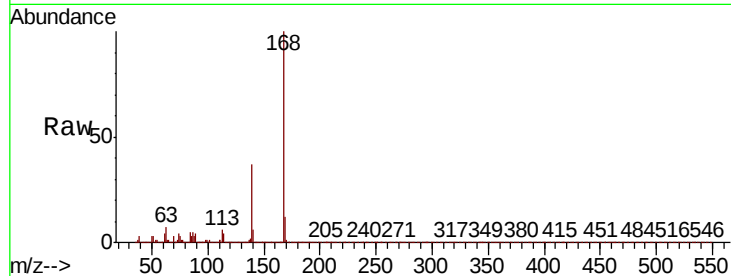
#55
Dibenzenofuran
Concen: 46.267 ng
RT: 14.73 min Scan# 2030
Delta R.T. 0.00 min
Lab File: BP001537.D
Acq: 06 Jan 2020 19:20

Instrument :
BNA_P
ClientSampleId :
MC-123019-0-2-COMP-B1MSD

Tot Ion	Ratio	Lower	Upper
168	100		
139	37.4	30.3	45.5
169	12.5	10.6	15.8

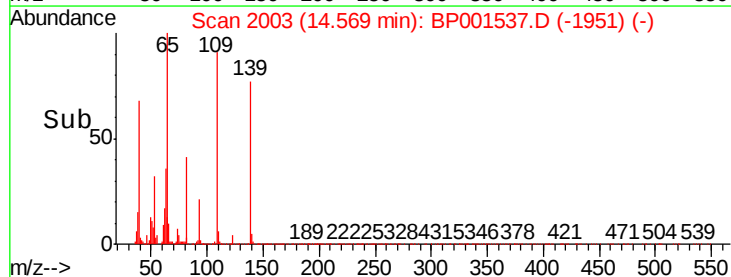
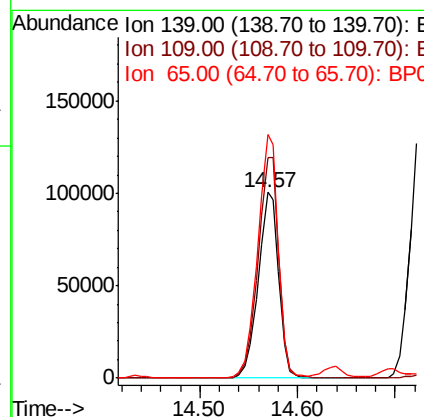
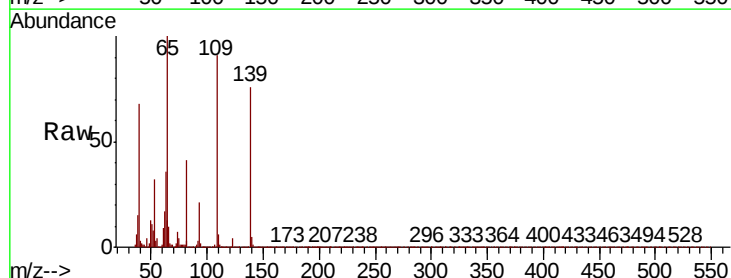
Manual Integrations
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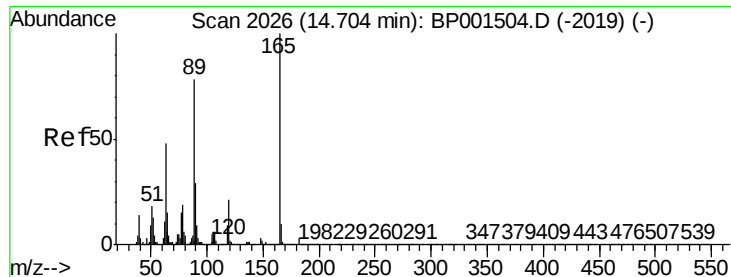
mohammad
1/7/2020 12:31:32 PM



#56
4-Nitrophenol
Concen: 98.482 ng
RT: 14.57 min Scan# 2003
Delta R.T. 0.01 min
Lab File: BP001537.D
Acq: 06 Jan 2020 19:20

Tgt Ion	Ratio	Lower	Upper
139	100		
109	118.7	96.2	136.2
65	131.2	101.6	141.6





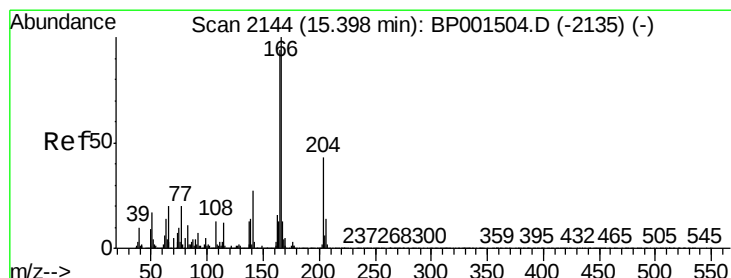
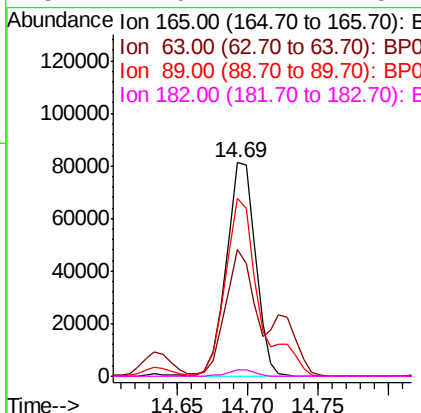
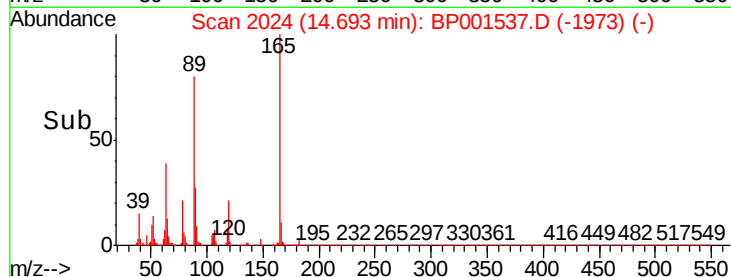
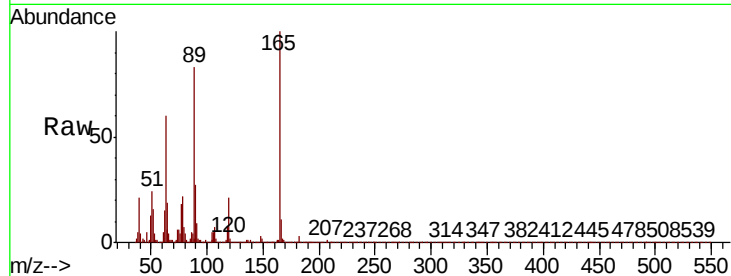
#57
2,4-Dinitrotoluene
Concen: 48.285 ng
RT: 14.69 min Scan# 2024
Delta R.T. 0.00 min
Lab File: BP001537.D
Acq: 06 Jan 2020 19:20

Instrument :
BNA_P
ClientSampleId :
MC-123019-0-2-COMP-B1MSD

Tot Ion	Ratio	Resp	Lower	Upper
165	100			
63	59.6	45.0	67.6	
89	83.3	65.5	98.3	
182	2.9	2.2	3.2	

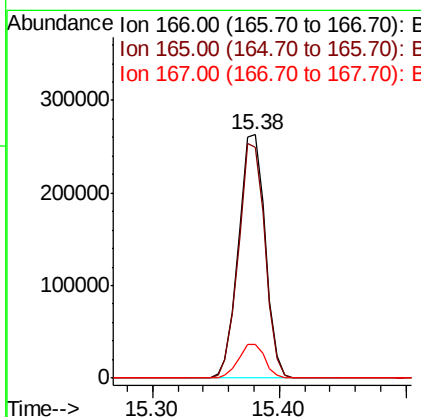
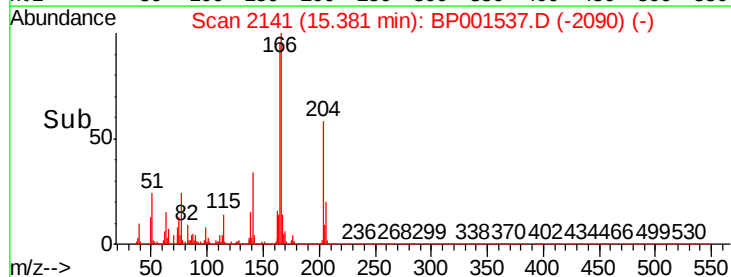
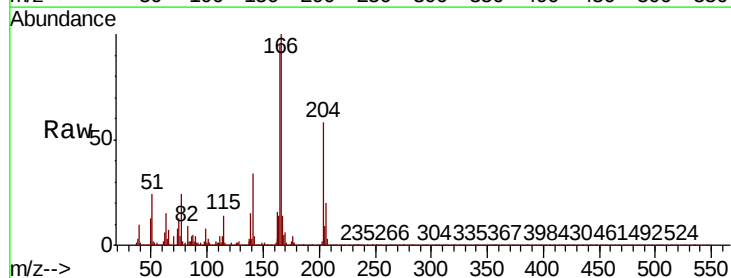
Manual Integrations
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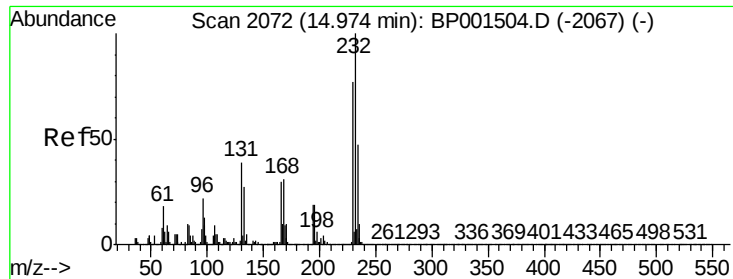
mohammad
1/7/2020 12:31:32 PM



#58
Fluorene
Concen: 47.356 ng
RT: 15.38 min Scan# 2141
Delta R.T. 0.00 min
Lab File: BP001537.D
Acq: 06 Jan 2020 19:20

Tgt Ion	Ratio	Resp	Lower	Upper
166	100			
165	94.8	76.2	114.4	
167	14.0	10.9	16.3	





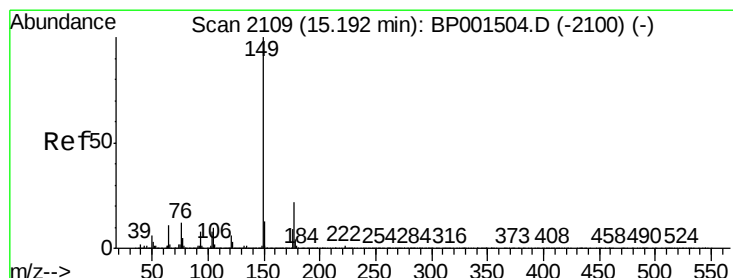
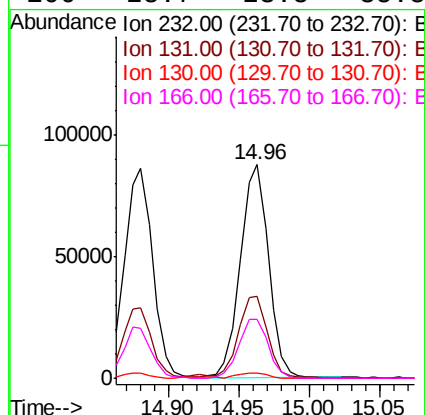
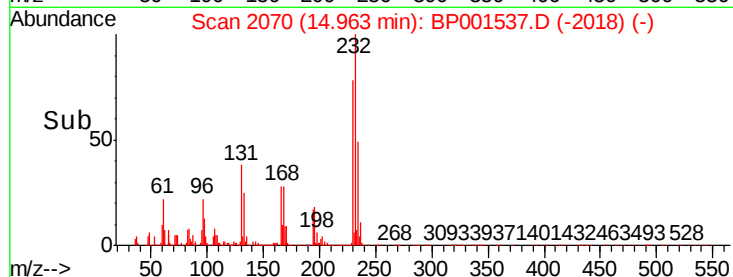
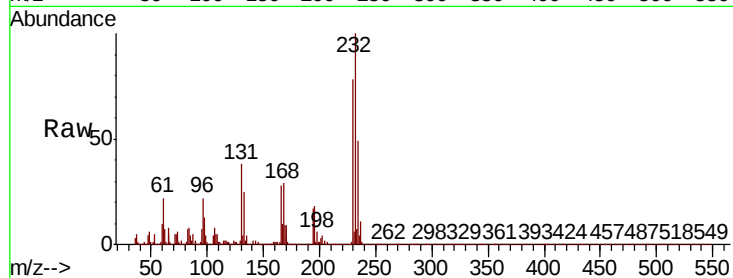
#59
2,3,4,6-Tetrachlorophenol
Concen: 55.375 ng
RT: 14.96 min Scan# 2070
Delta R.T. 0.01 min
Lab File: BP001537.D
Acq: 06 Jan 2020 19:20

Instrument :
BNA_P
ClientSampleId :
MC-123019-0-2-COMP-B1MSD

Tot Ion	Ratio	Resp Lower	Upper
232	100		
131	40.6	30.6	45.8
130	2.4	2.0	3.0
166	28.7	23.8	35.8

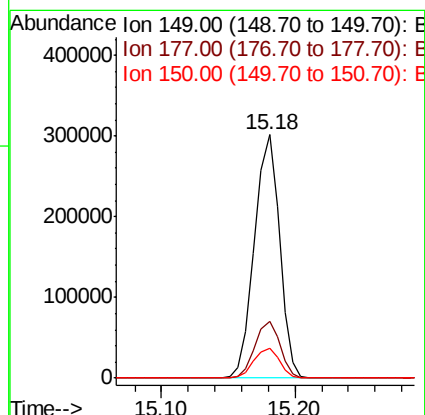
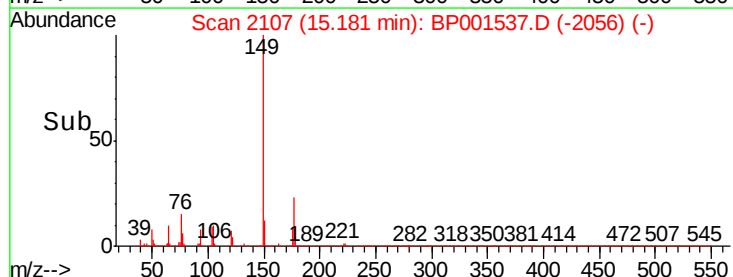
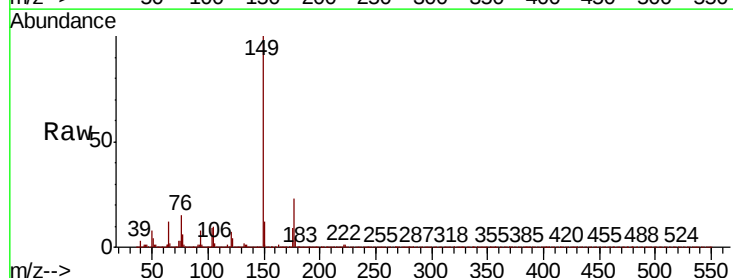
Manual Integrations
APPROVED

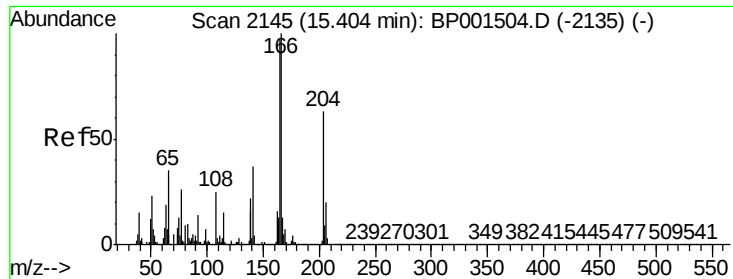
mohammad
1/7/2020 12:31:32 PM



#60
Diethylphthalate
Concen: 42.288 ng
RT: 15.18 min Scan# 2107
Delta R.T. 0.00 min
Lab File: BP001537.D
Acq: 06 Jan 2020 19:20

Tgt Ion	Ratio	Resp Lower	Upper
149	100		
177	23.1	18.9	28.3
150	12.1	10.2	15.2





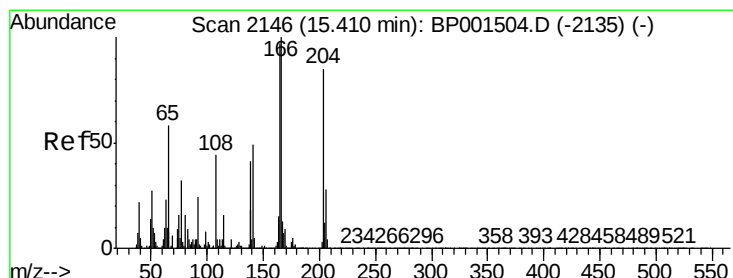
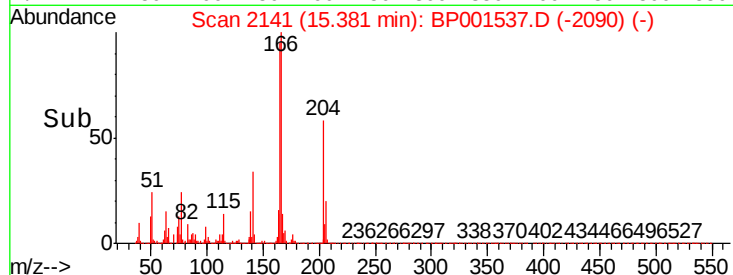
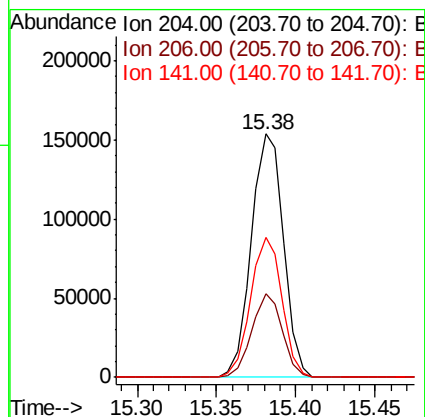
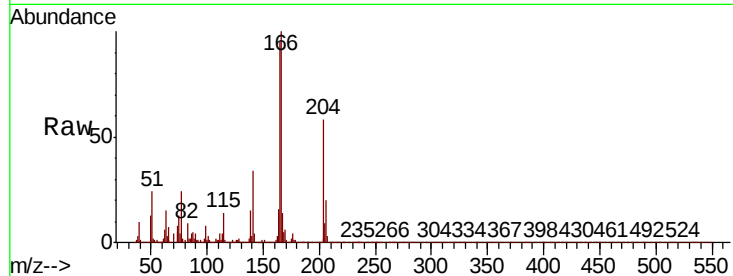
#61
4-Chlorophenyl-phenylether
Concen: 49.872 ng
RT: 15.38 min Scan# 2141
Delta R.T. 0.00 min
Lab File: BP001537.D
Acq: 06 Jan 2020 19:20

Instrument :
BNA_P
ClientSampleId :
MC-123019-0-2-COMP-B1MSD

Tot Ion	Ratio	Resp	Lower	Upper
204	100	216793		
206	34.2	26.2	39.4	
141	57.6	45.7	68.5	

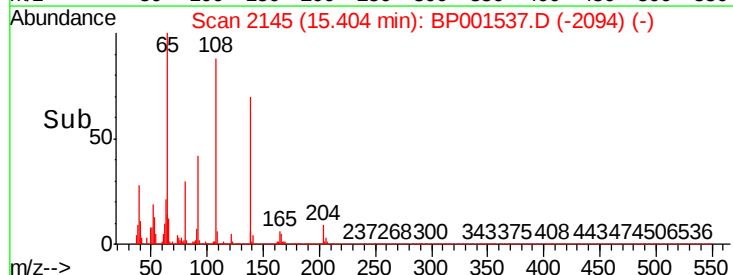
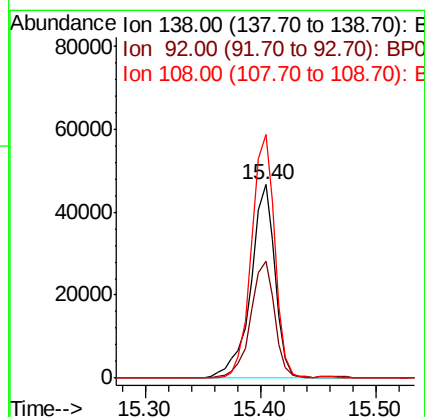
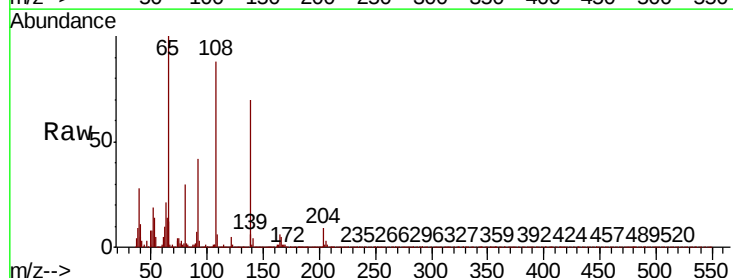
Manual Integrations
APPROVED

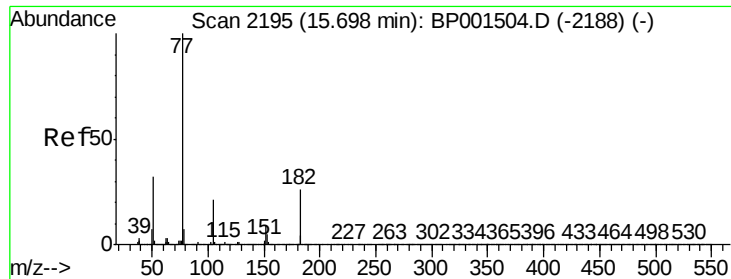
mohammad
1/7/2020 12:31:32 PM



#62
4-Nitroaniline
Concen: 33.353 ng
RT: 15.40 min Scan# 2145
Delta R.T. 0.00 min
Lab File: BP001537.D
Acq: 06 Jan 2020 19:20

Tgt Ion	Ratio	Resp	Lower	Upper
138	100	67861		
92	60.2	37.5	77.5	
108	126.0	106.7	146.7	





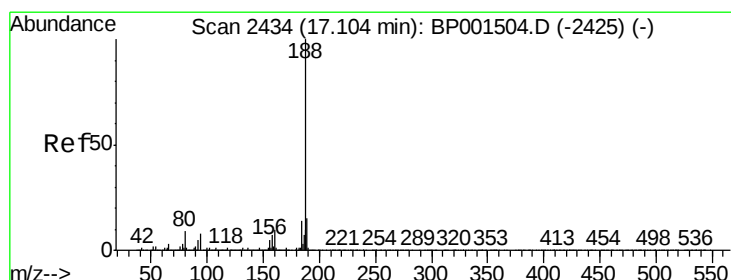
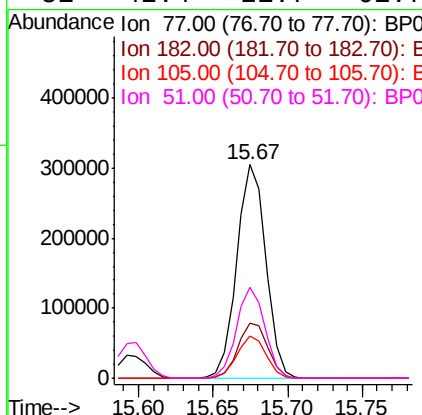
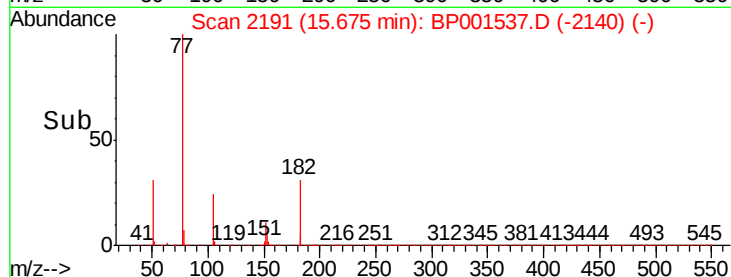
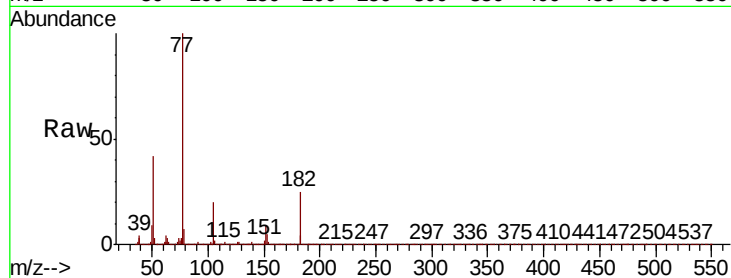
#63
Azobenzene
Concen: 46.385 ng
RT: 15.67 min Scan# 2191
Delta R.T. 0.00 min
Lab File: BP001537.D
Acq: 06 Jan 2020 19:20

Instrument :
BNA_P
ClientSampleId :
MC-123019-0-2-COMP-B1MSD

Tot Ion	Ion	Ratio	Lower	Upper
77	100			
182	25.5	5.9	45.9	
105	19.6	0.0	39.3	
51	42.4	21.7	61.7	

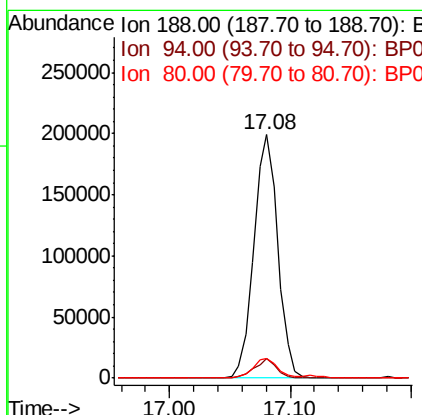
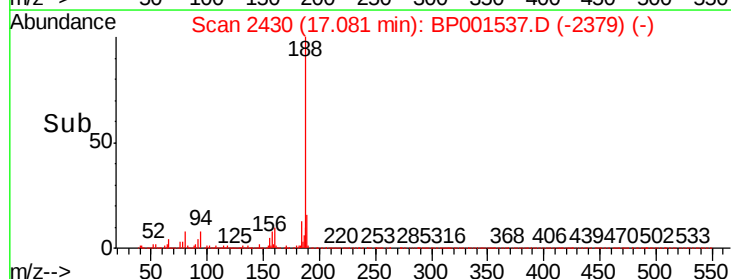
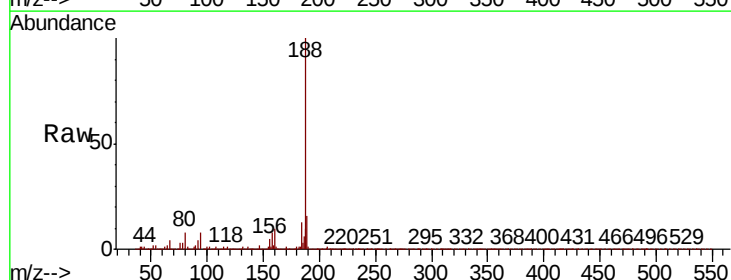
Manual Integrations
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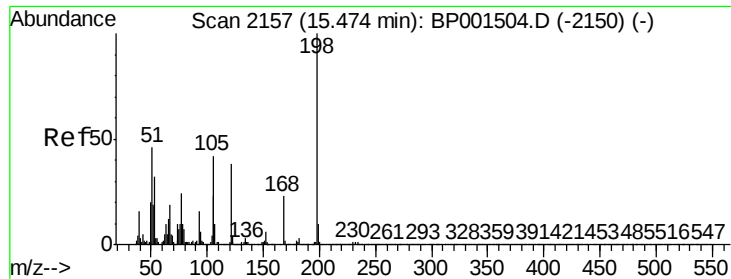
mohammad
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.08 min Scan# 2430
Delta R.T. 0.00 min
Lab File: BP001537.D
Acq: 06 Jan 2020 19:20

Tgt Ion	Ion	Ratio	Lower	Upper
188	100			
94	7.9	5.4	8.0	
80	8.3	6.3	9.5	





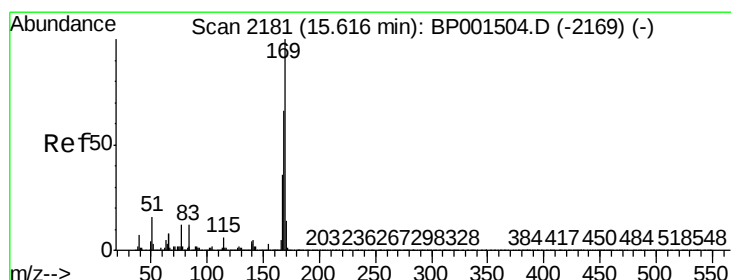
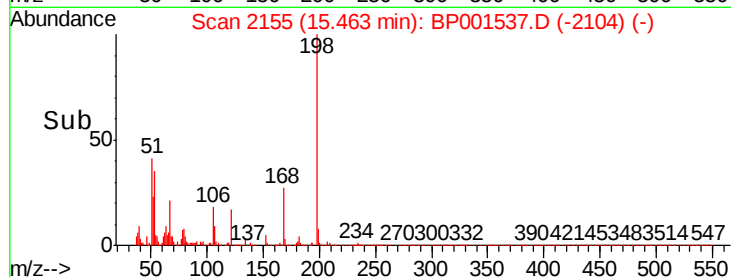
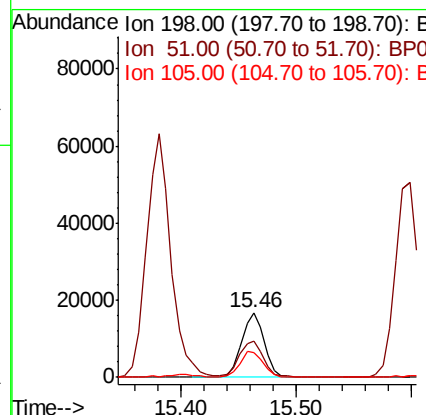
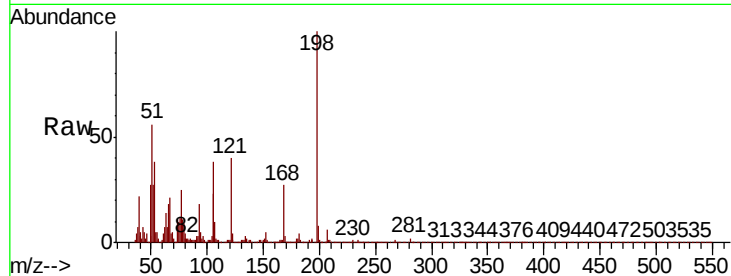
#65
4,6-Dinitro-2-methylphenol
Concen: 24.590 ng
RT: 15.46 min Scan# 2155
Delta R.T. 0.00 min
Lab File: BP001537.D
Acq: 06 Jan 2020 19:20

Instrument :
BNA_P
ClientSampleId :
MC-123019-0-2-COMP-B1MSD

Tot Ion	Ratio	Lower	Upper
198	100		
51	56.4	35.4	75.4
105	37.5	18.3	58.3

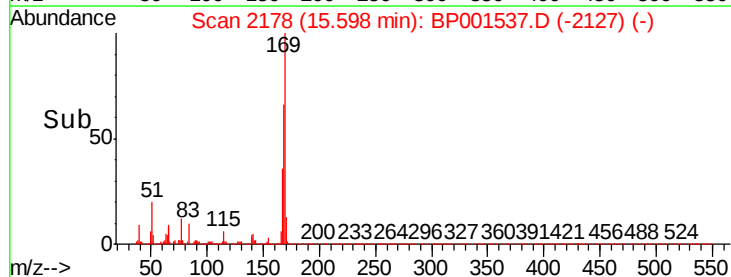
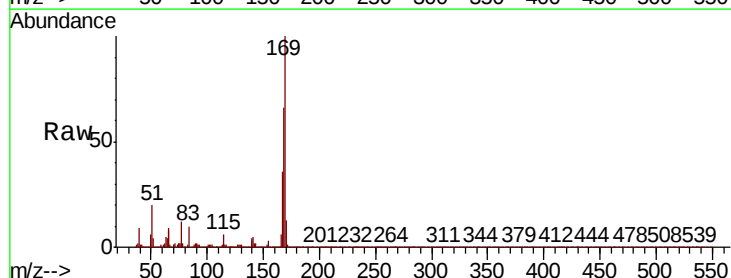
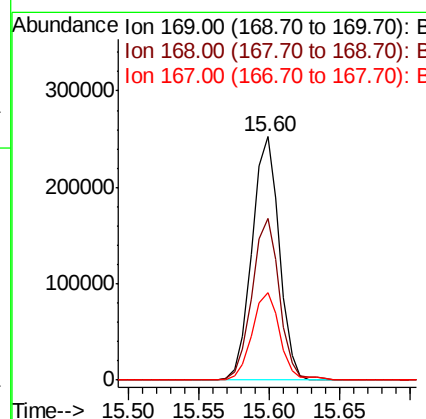
Manual Integrations
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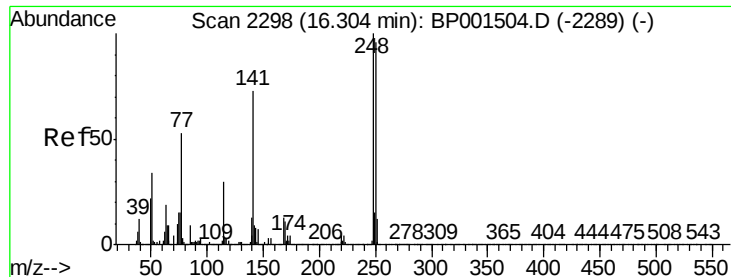
mohammad
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#66
n-Nitrosodiphenylamine
Concen: 43.063 ng
RT: 15.60 min Scan# 2178
Delta R.T. 0.00 min
Lab File: BP001537.D
Acq: 06 Jan 2020 19:20

Tgt Ion	Ratio	Lower	Upper
169	100		
168	66.3	52.1	78.1
167	35.7	28.8	43.2





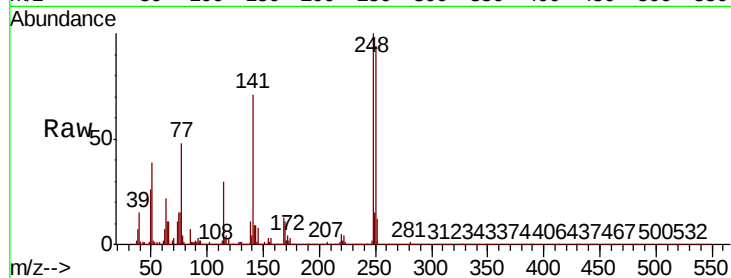
#67
4-Bromophenyl-phenylether
Concen: 46.454 ng
RT: 16.28 min Scan# 2294
Delta R.T. 0.00 min
Lab File: BP001537.D
Acq: 06 Jan 2020 19:20

Instrument :
BNA_P
ClientSampleId :
MC-123019-0-2-COMP-B1MSD

Tot Ion	Ratio	Lower	Upper
248	100		
250	93.5	76.3	114.5
141	71.0	57.6	86.4

Manual Integrations
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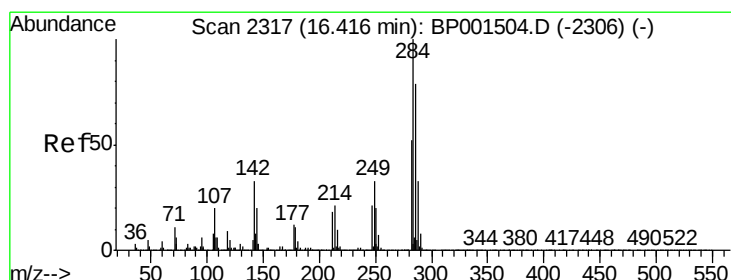
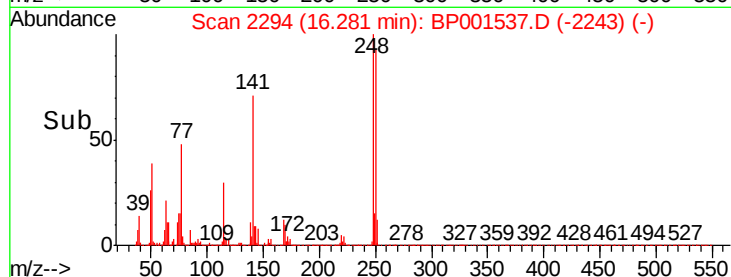
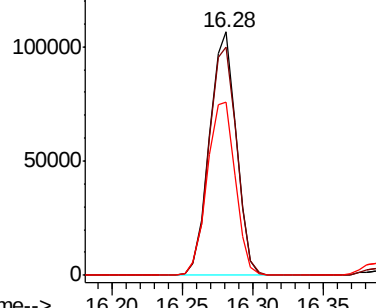


Abundance

Ion 248.00 (247.70 to 248.70): E

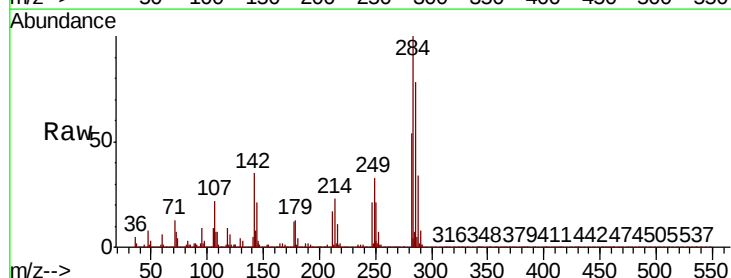
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68
Hexachlorobenzene
Concen: 45.794 ng
RT: 16.39 min Scan# 2312
Delta R.T. 0.00 min
Lab File: BP001537.D
Acq: 06 Jan 2020 19:20

Tgt Ion	Ratio	Lower	Upper
284	100		
142	34.5	27.4	41.2
249	33.5	25.8	38.6

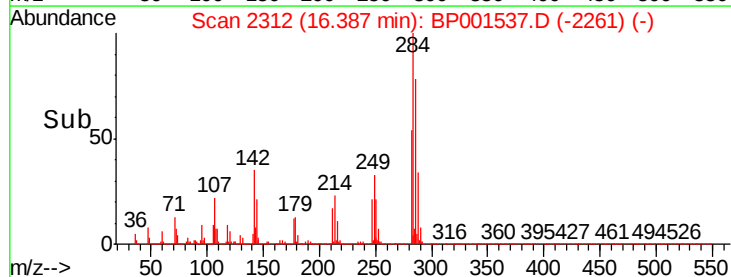
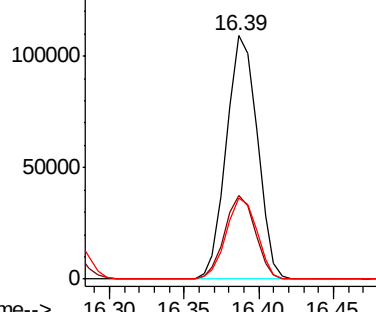


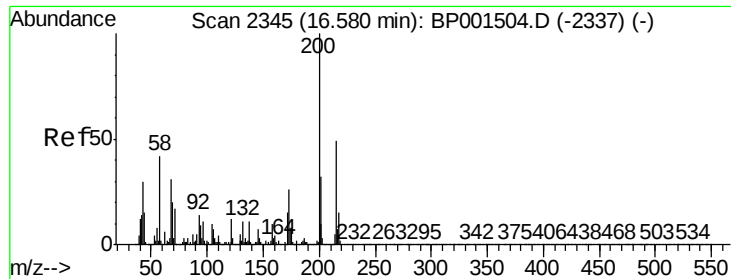
Abundance

Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E





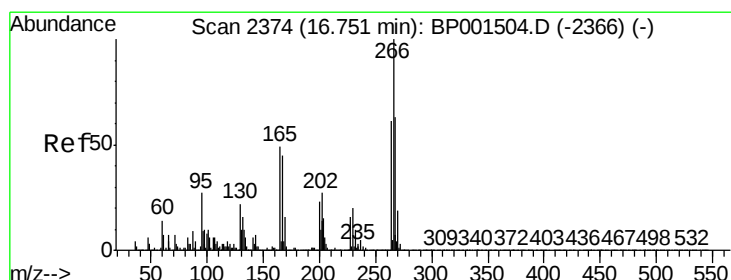
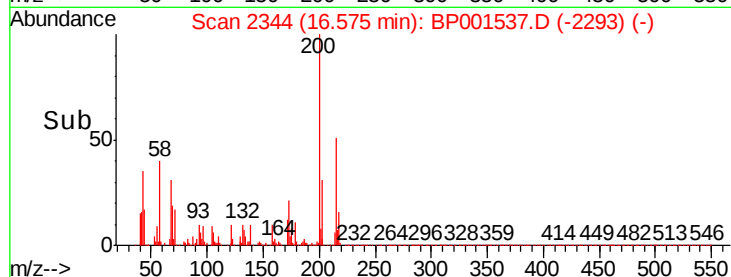
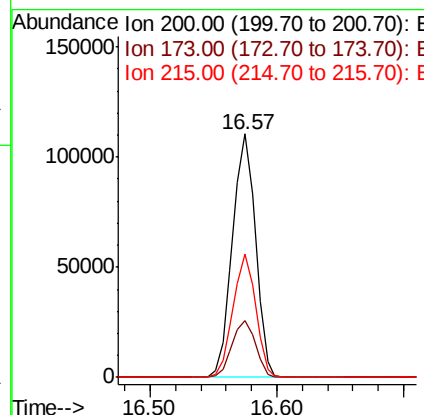
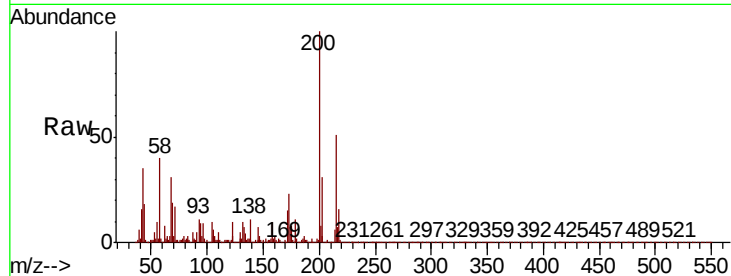
#69
Atrazine
Concen: 49.220 ng
RT: 16.57 min Scan# 2344
Delta R.T. 0.00 min
Lab File: BP001537.D
Acq: 06 Jan 2020 19:20

Instrument :
BNA_P
ClientSampleId :
MC-123019-0-2-COMP-B1MSD

Tot Ion	Ratio	Resp Lower	Upper
200	100		
173	23.3	4.3	44.3
215	50.6	28.1	68.1

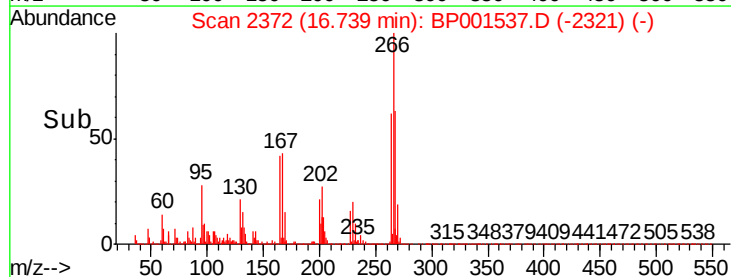
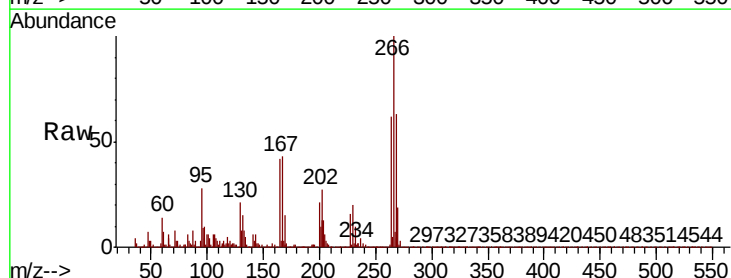
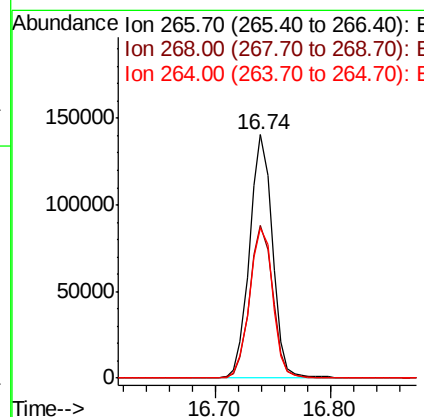
Manual Integrations
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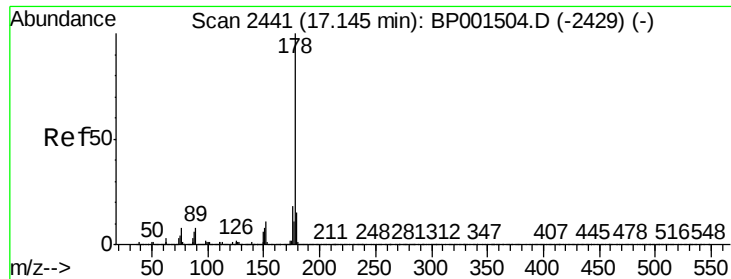
mohammad
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#70
Pentachlorophenol
Concen: 110.383 ng
RT: 16.74 min Scan# 2372
Delta R.T. 0.00 min
Lab File: BP001537.D
Acq: 06 Jan 2020 19:20

Tgt Ion	Ratio	Resp Lower	Upper
266	100		
268	63.0	47.8	71.8
264	61.8	50.1	75.1





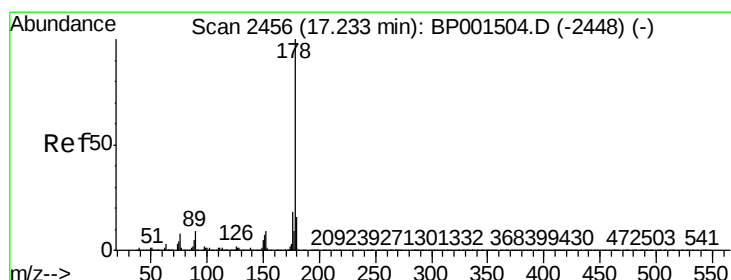
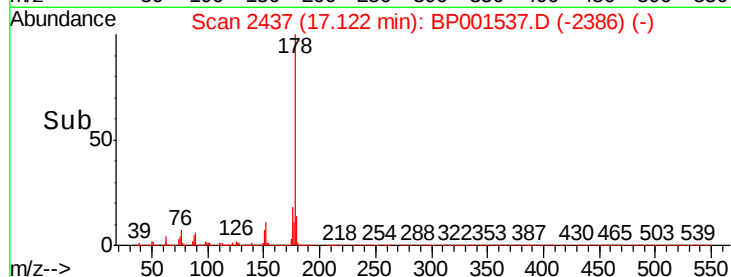
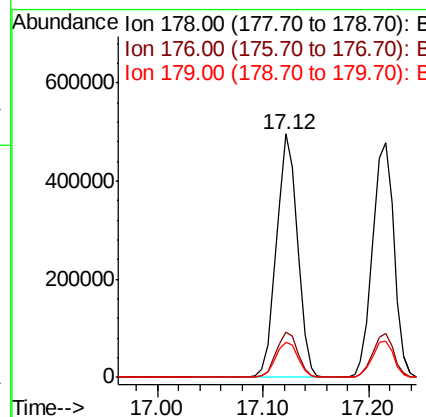
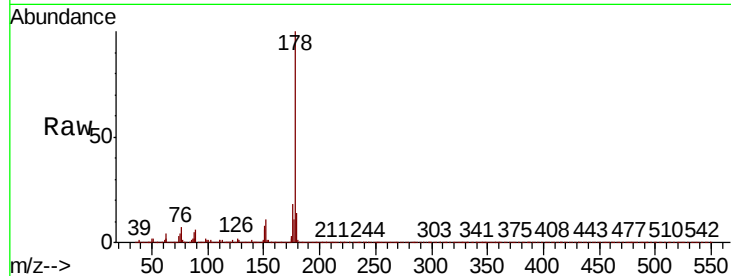
#71
Phenanthrene
Concen: 45.433 ng
RT: 17.12 min Scan# 2437
Delta R.T. 0.00 min
Lab File: BP001537.D
Acq: 06 Jan 2020 19:20

Instrument :
BNA_P
ClientSampleId :
MC-123019-0-2-COMP-B1MSD

Tot Ion	Ratio	Lower	Upper
178	100		
176	18.4	15.1	22.7
179	14.4	12.2	18.4

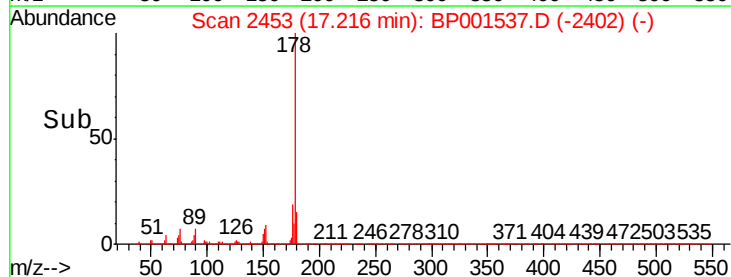
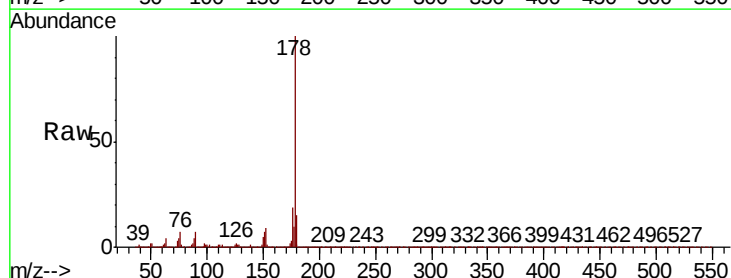
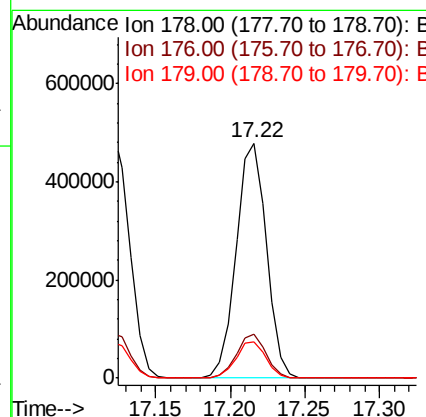
Manual Integrations
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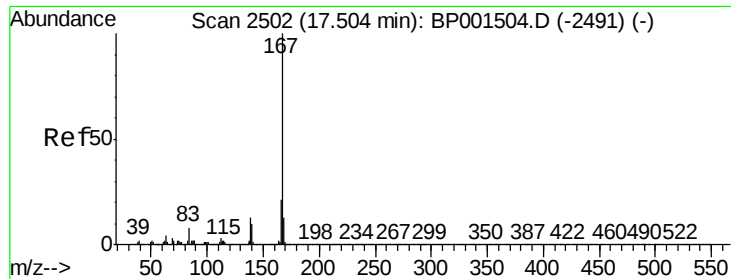
mohammad
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#72
Anthracene
Concen: 45.894 ng
RT: 17.22 min Scan# 2453
Delta R.T. 0.00 min
Lab File: BP001537.D
Acq: 06 Jan 2020 19:20

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.5	14.7	22.1
179	15.2	12.2	18.2





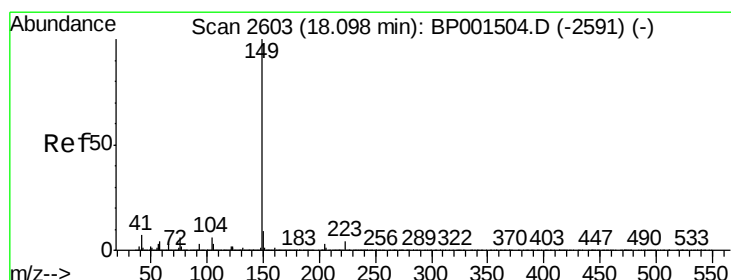
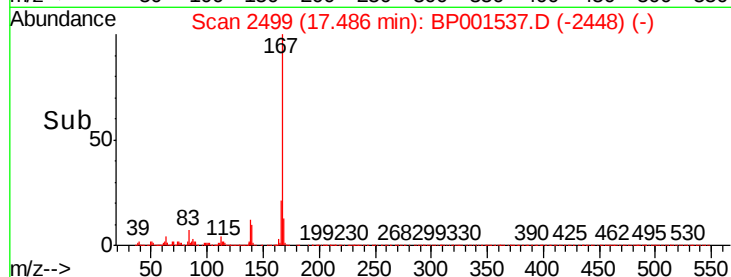
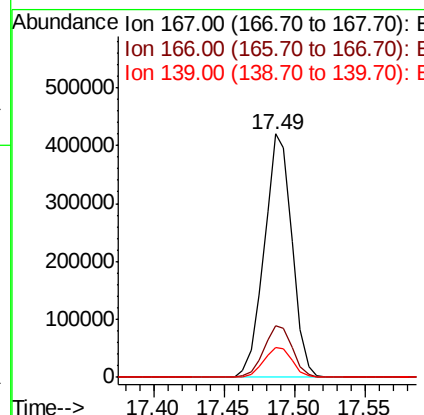
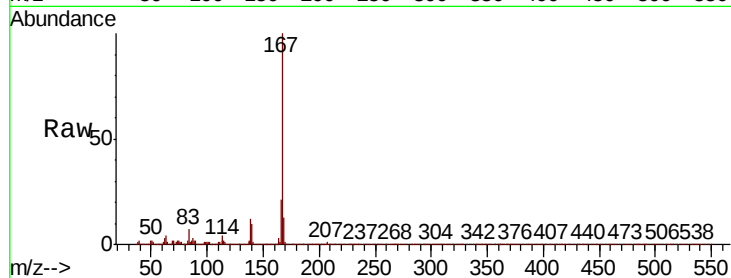
#73
 Carbazole
 Concen: 42.640 ng
 RT: 17.49 min Scan# 2499
 Delta R.T. 0.00 min
 Lab File: BP001537.D
 Acq: 06 Jan 2020 19:20

Instrument :
 BNA_P
 ClientSampleId :
 MC-123019-0-2-COMP-B1MSD

Tot Ion	Ratio	Lower	Upper
167	100		
166	21.3	17.4	26.0
139	12.5	10.0	15.0

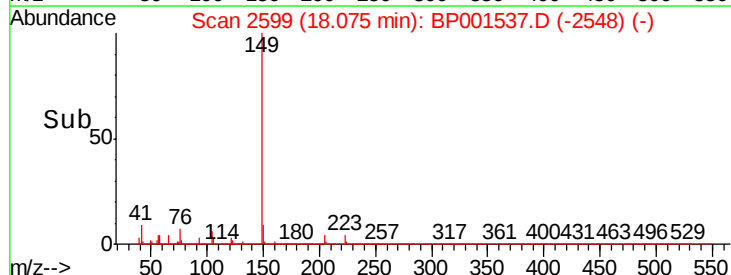
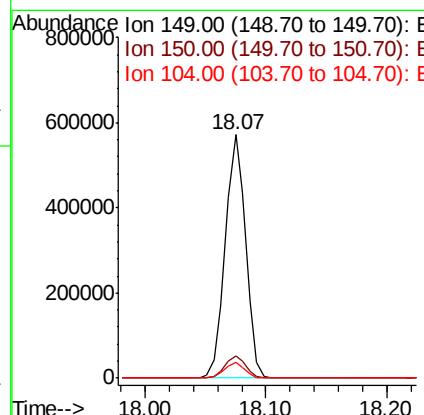
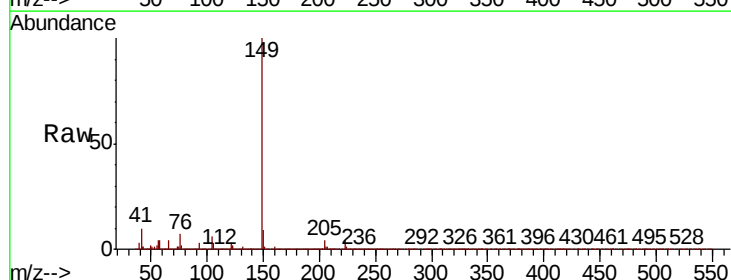
Manual Integrations
 APPROVED

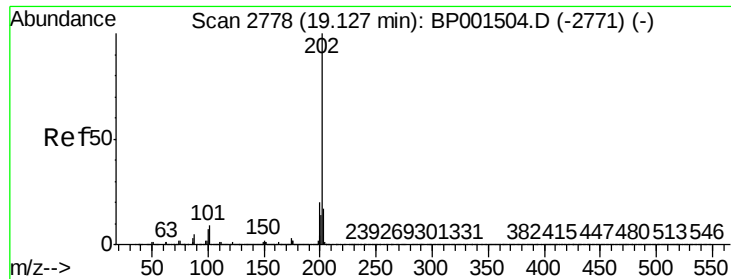
mohammad
 1/7/2020 12:31:32 PM



#74
 Di-n-butylphthalate
 Concen: 38.325 ng
 RT: 18.07 min Scan# 2599
 Delta R.T. 0.00 min
 Lab File: BP001537.D
 Acq: 06 Jan 2020 19:20

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.0	7.4	11.0
104	6.5	5.1	7.7





#75

Fluoranthene

Concen: 45.846 ng

RT: 19.10 min Scan# 2774

Delta R.T. 0.00 min

Lab File: BP001537.D

Acq: 06 Jan 2020 19:20

Instrument :

BNA_P

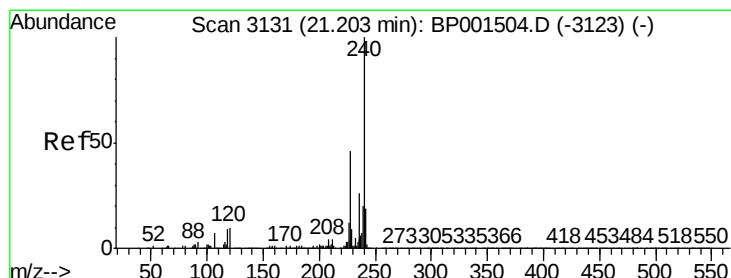
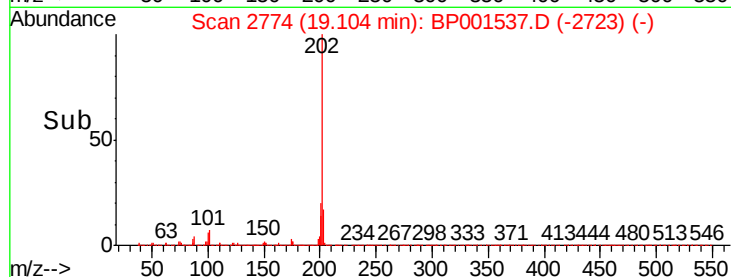
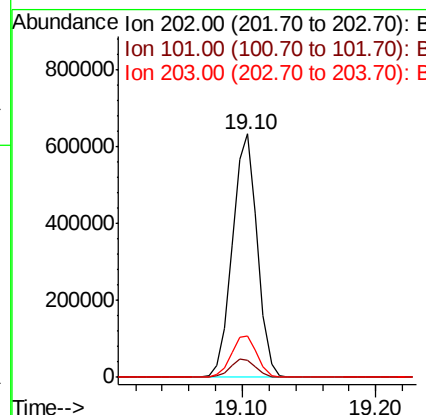
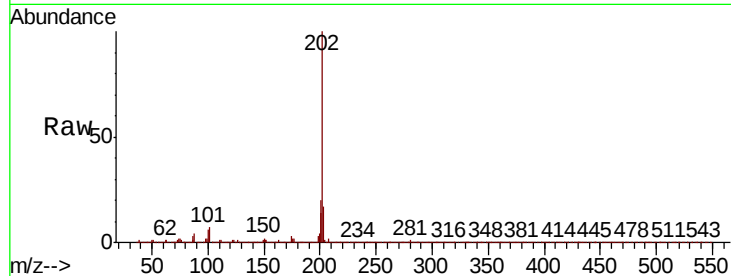
ClientSampleId :

MC-123019-0-2-COMP-B1MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
202	100		825535		
101	7.2	0.0	27.1		
203	17.3	0.0	37.6		

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#76

Chrysene-d12

Concen: 20.000 ng

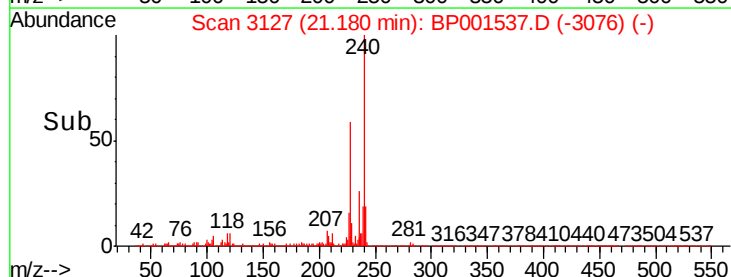
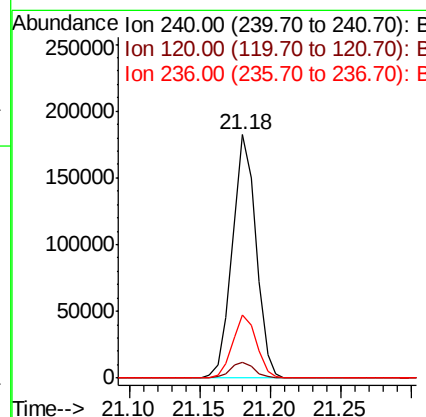
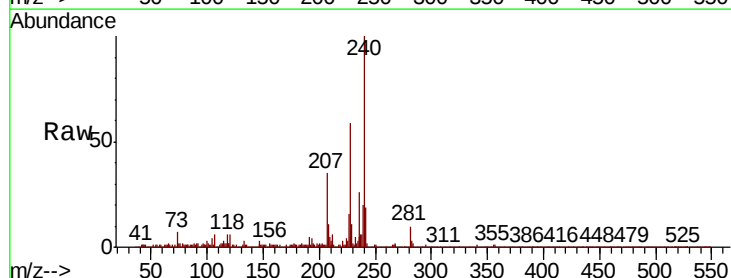
RT: 21.18 min Scan# 3127

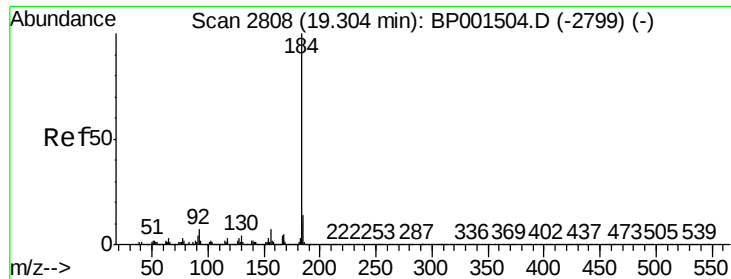
Delta R.T. 0.00 min

Lab File: BP001537.D

Acq: 06 Jan 2020 19:20

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
240	100		212421		
120	6.4	5.2	7.8		
236	26.1	21.4	32.2		





#77

Benzidine

Concen: 120.790 ng

RT: 19.29 min Scan# 2806

Delta R.T. 0.01 min

Lab File: BP001537.D

Acq: 06 Jan 2020 19:20

Instrument :

BNA_P

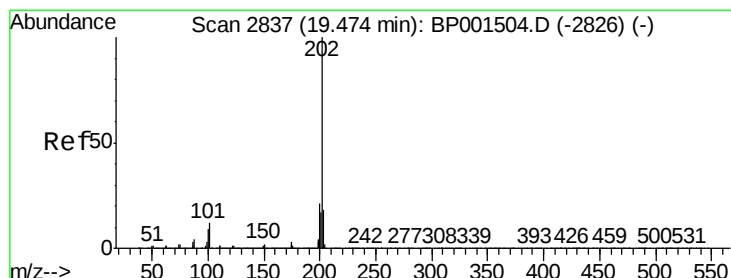
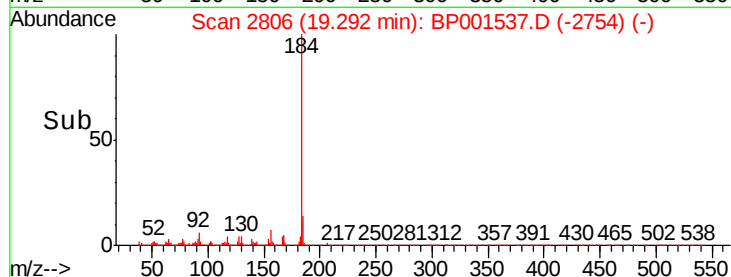
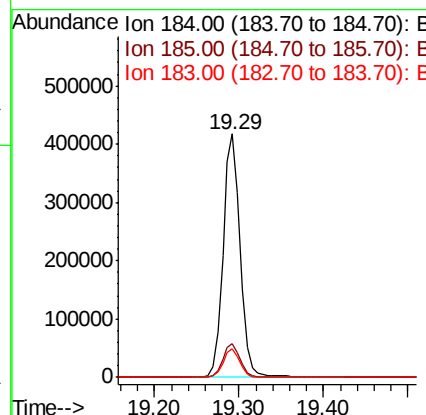
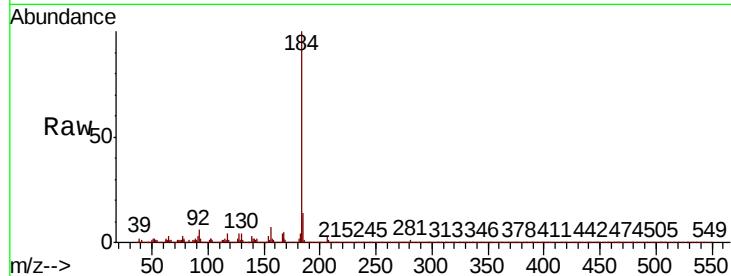
ClientSampleId :

MC-123019-0-2-COMP-B1MSD

Tot Ion:	184	Resp:	586693
Ion Ratio	Lower	Upper	
184	100		
185	14.0	10.7	16.1
183	11.8	9.1	13.7

Manual Integrations
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#78

Pyrene

Concen: 53.622 ng

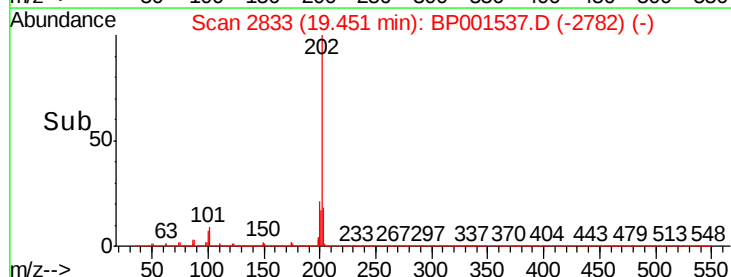
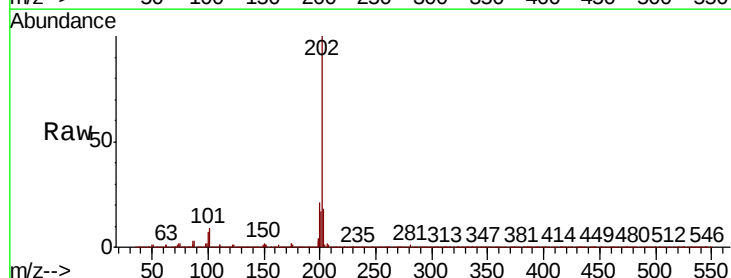
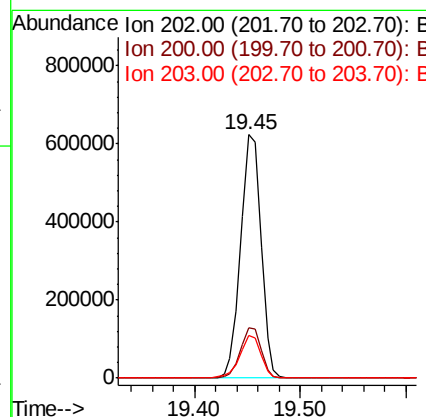
RT: 19.45 min Scan# 2833

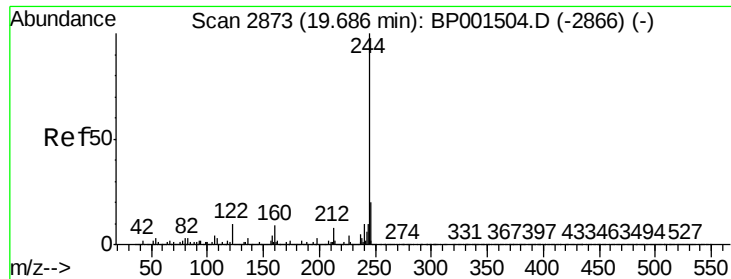
Delta R.T. 0.00 min

Lab File: BP001537.D

Acq: 06 Jan 2020 19:20

Tgt Ion:	202	Resp:	826554
Ion Ratio	Lower	Upper	
202	100		
200	20.8	16.2	24.4
203	17.7	13.6	20.4





#79

Terphenyl-d14

Concen: 64.898 ng

RT: 19.66 min Scan# 2869

Delta R.T. 0.00 min

Lab File: BP001537.D

Acq: 06 Jan 2020 19:20

Instrument :

BNA_P

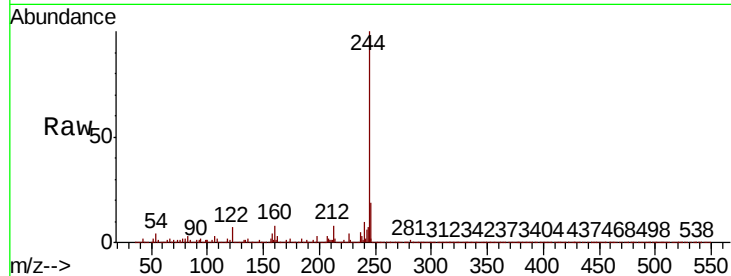
ClientSampleId :

MC-123019-0-2-COMP-B1MSD

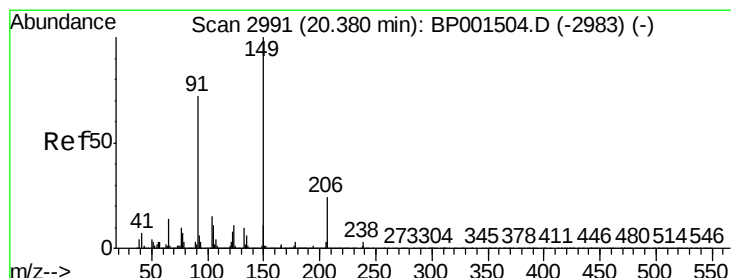
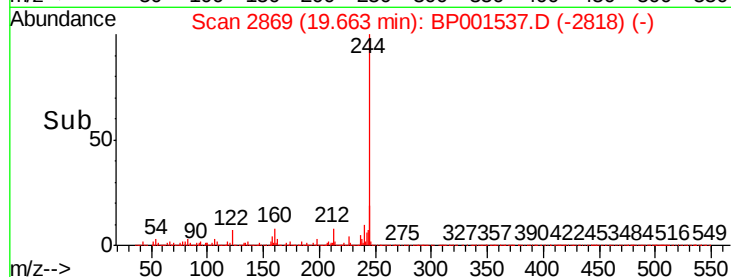
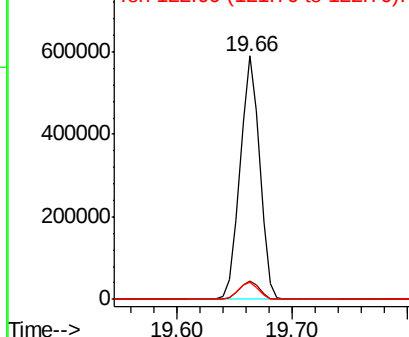
Tot Ion:	244	Resp:	691744
Ion Ratio	Lower	Upper	
244	100		
212	7.7	6.7	10.1
122	7.2	6.0	9.0

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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: 41.534 ng

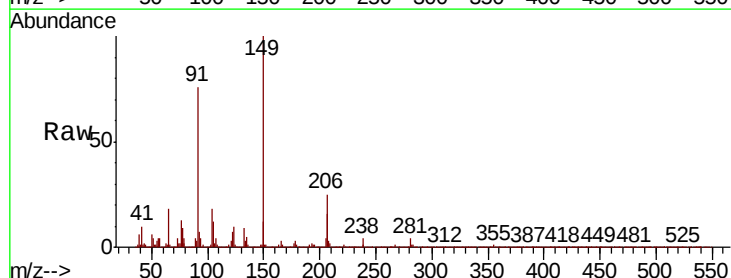
RT: 20.36 min Scan# 2987

Delta R.T. 0.00 min

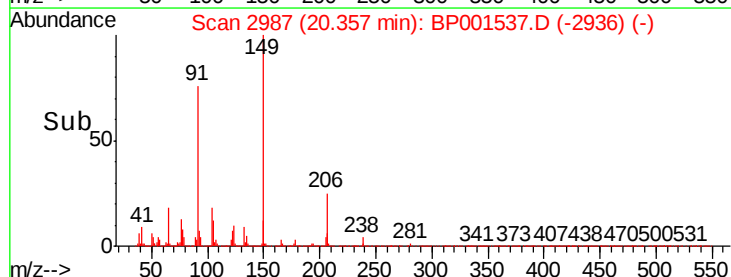
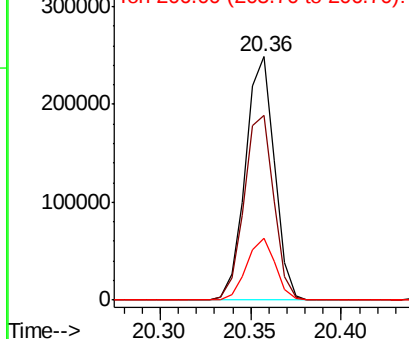
Lab File: BP001537.D

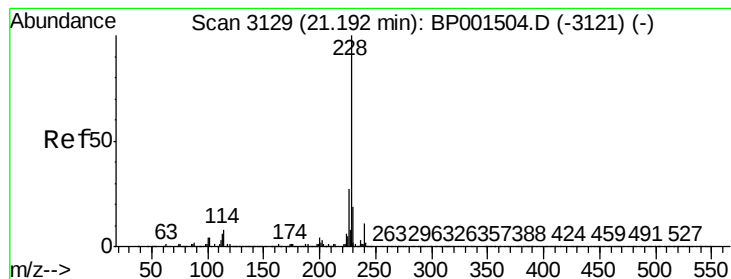
Acq: 06 Jan 2020 19:20

Tgt Ion:	149	Resp:	275441
Ion Ratio	Lower	Upper	
149	100		
91	75.6	62.8	94.2
206	25.4	20.0	30.0



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: 47.261 ng

RT: 21.17 min Scan# 3125

Delta R.T. 0.00 min

Lab File: BP001537.D

Acq: 06 Jan 2020 19:20

Instrument :

BNA_P

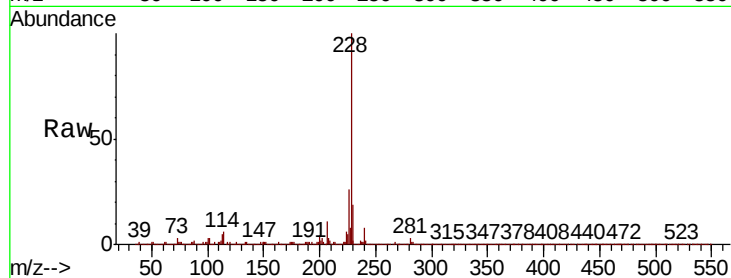
ClientSampleId :

MC-123019-0-2-COMP-B1MSD

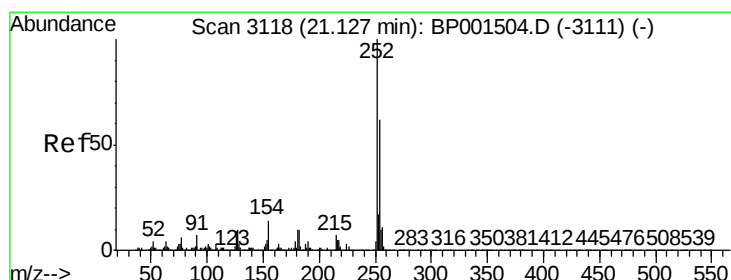
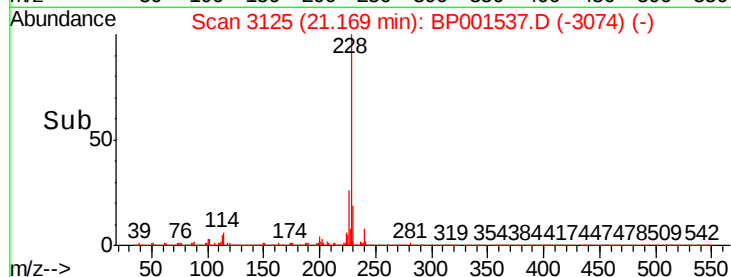
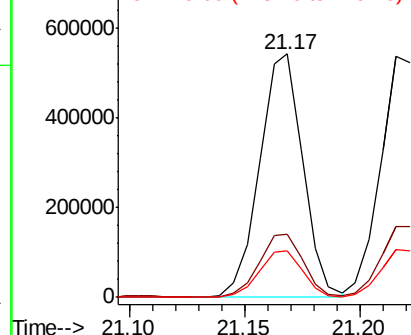
Tot Ion:	228	Resp:	704415
Ion Ratio	Lower	Upper	
228	100		
226	26.1	21.4	32.2
229	19.3	15.5	23.3

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



#82

3,3'-Dichlorobenzidine

Concen: 52.041 ng

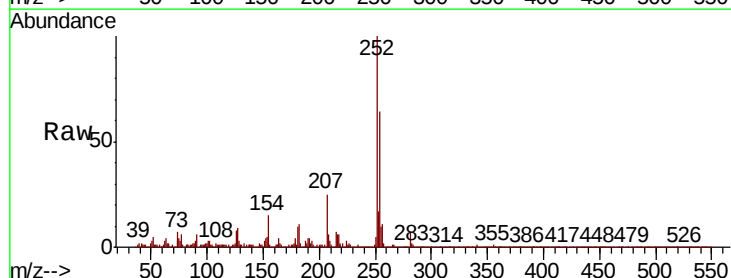
RT: 21.10 min Scan# 3114

Delta R.T. 0.00 min

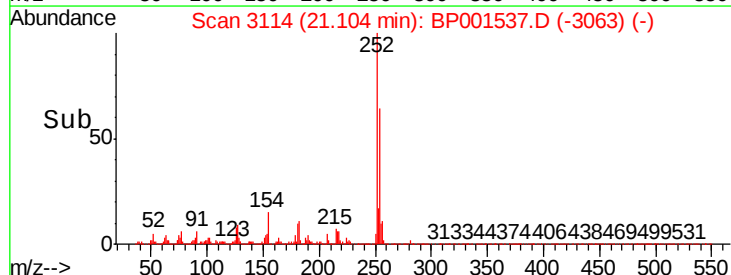
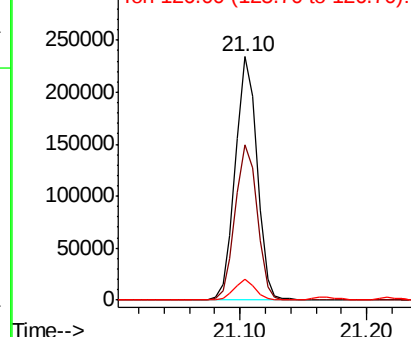
Lab File: BP001537.D

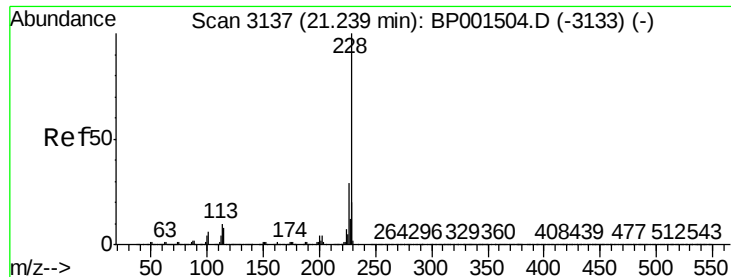
Acq: 06 Jan 2020 19:20

Tgt Ion:	252	Resp:	275330
Ion Ratio	Lower	Upper	
252	100		
254	63.6	50.7	76.1
126	8.5	7.0	10.4



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





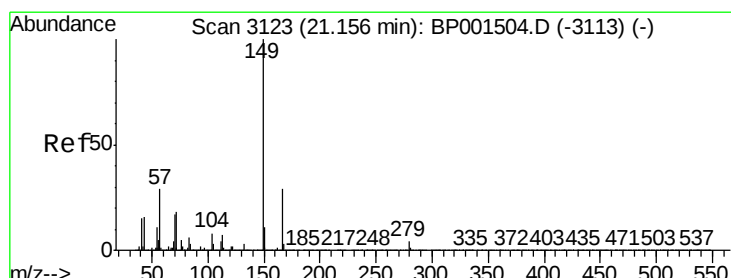
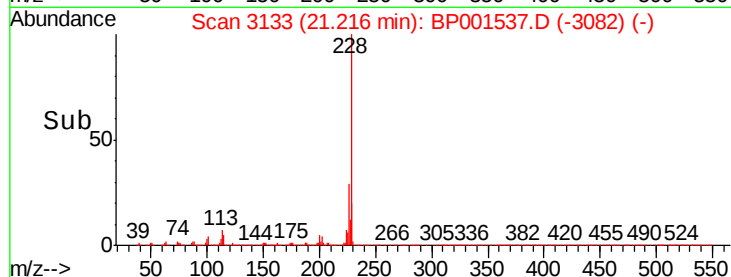
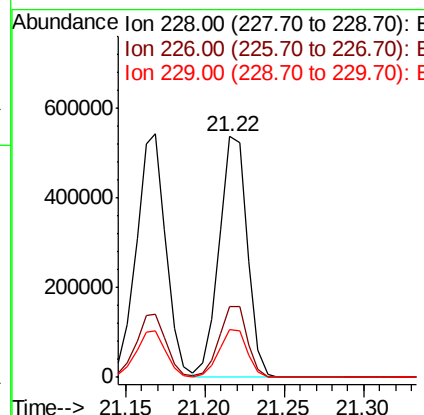
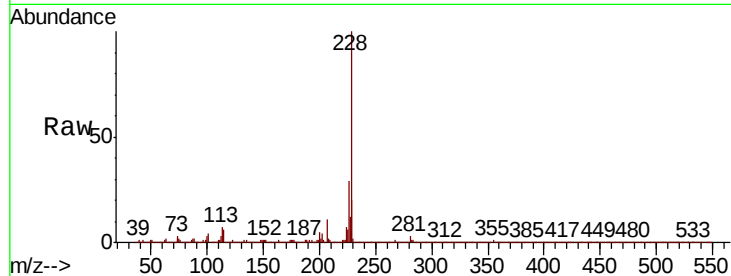
#83
 Chrysene
 Concen: 46.385 ng
 RT: 21.22 min Scan# 3133
 Delta R.T. 0.00 min
 Lab File: BP001537.D
 Acq: 06 Jan 2020 19:20

Instrument :
 BNA_P
 ClientSampleId :
 MC-123019-0-2-COMP-B1MSD

Tot Ion:	228	Resp:	662906
Ion Ratio	Lower	Upper	
228	100		
226	29.2	23.1	34.7
229	19.7	15.6	23.4

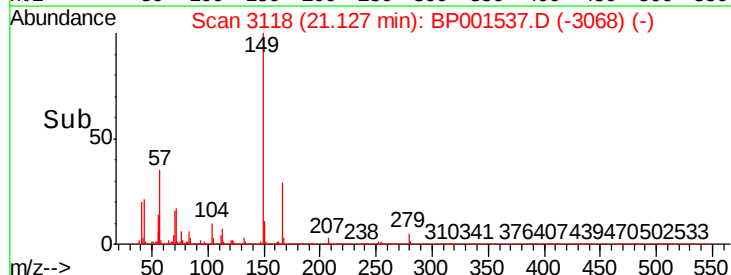
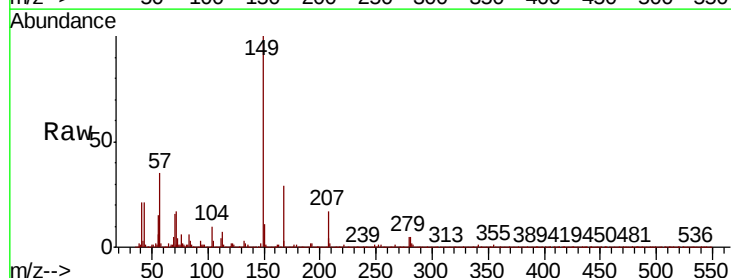
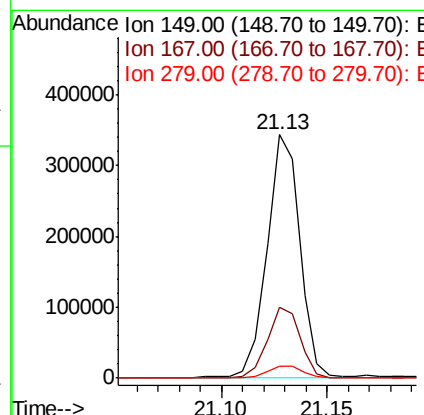
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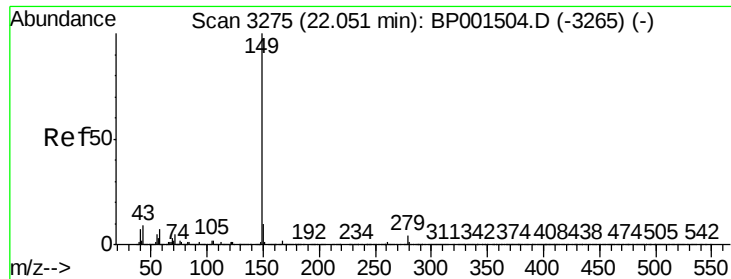
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#84
 Bis(2-ethylhexyl)phthalate
 Concen: 37.856 ng
 RT: 21.13 min Scan# 3118
 Delta R.T. -0.01 min
 Lab File: BP001537.D
 Acq: 06 Jan 2020 19:20

Tgt Ion:	149	Resp:	367890
Ion Ratio	Lower	Upper	
149	100		
167	29.1	24.0	36.0
279	4.7	4.2	6.4





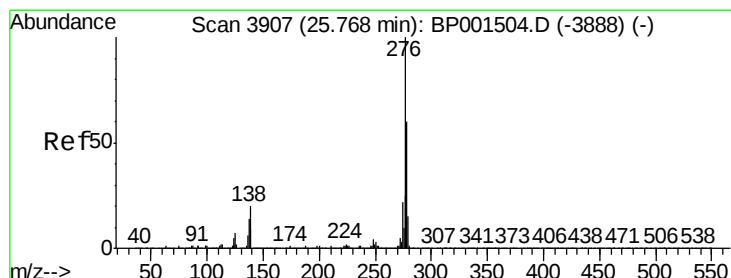
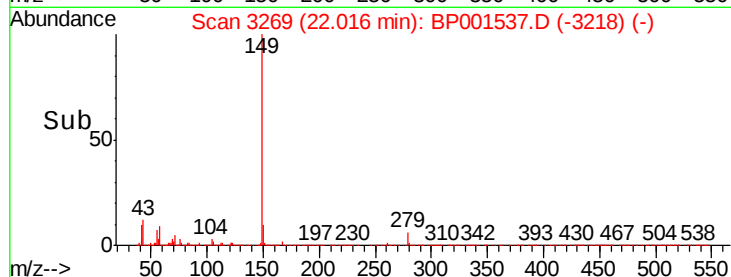
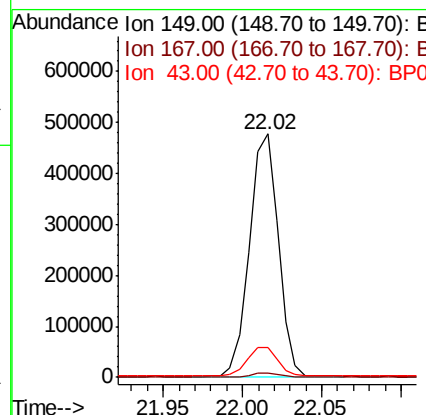
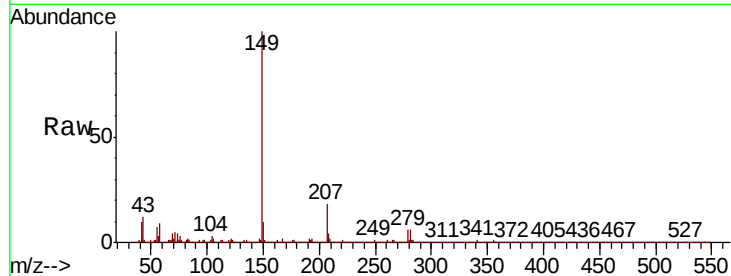
#85
Di-n-octyl phthalate
Concen: 35.580 ng
RT: 22.02 min Scan# 3269
Delta R.T. 0.00 min
Lab File: BP001537.D
Acq: 06 Jan 2020 19:20

Instrument :
BNA_P
ClientSampleId :
MC-123019-0-2-COMP-B1MSD

Tot Ion	Ratio	Lower	Upper
149	100		
167	1.8	1.4	2.2
43	12.6	9.8	14.6

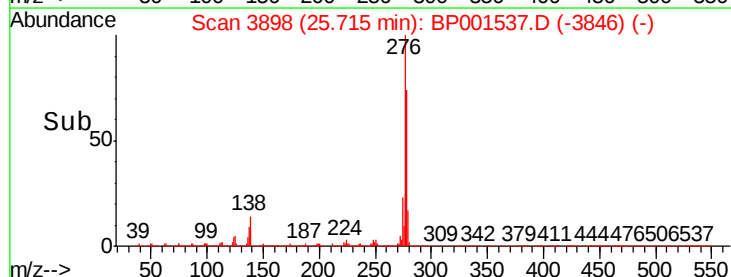
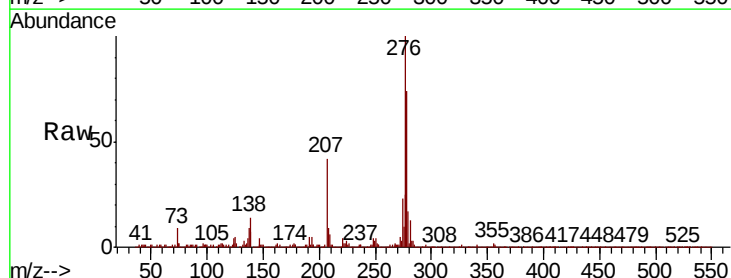
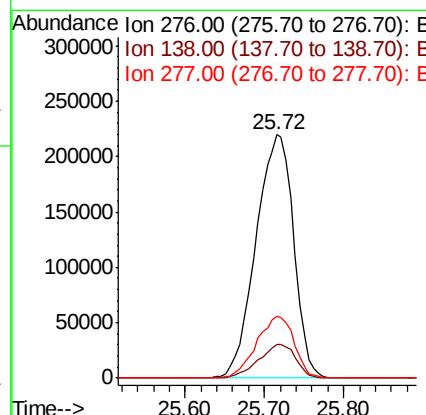
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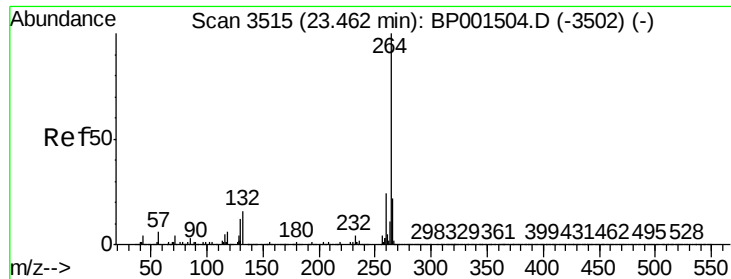
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#86
Indeno(1,2,3-cd)pyrene
Concen: 41.612 ng
RT: 25.72 min Scan# 3898
Delta R.T. 0.01 min
Lab File: BP001537.D
Acq: 06 Jan 2020 19:20

Tgt Ion	Ratio	Lower	Upper
276	100		
138	13.7	11.0	16.6
277	25.3	20.1	30.1





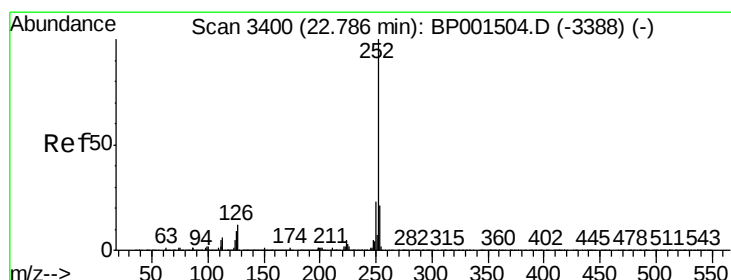
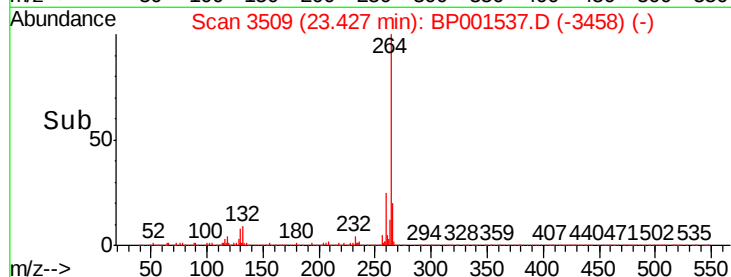
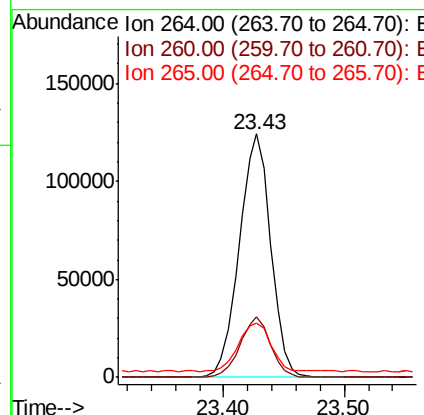
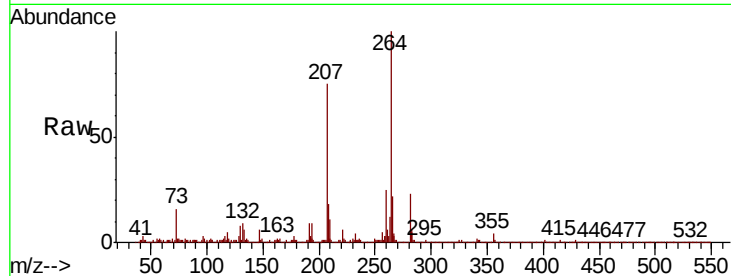
#87
Pervlene-d12
Concen: 20.000 ng
RT: 23.43 min Scan# 3509
Delta R.T. 0.00 min
Lab File: BP001537.D
Acq: 06 Jan 2020 19:20

Instrument :
BNA_P
ClientSampleId :
MC-123019-0-2-COMP-B1MSD

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.6	18.6	27.8
265	22.3	19.0	28.4

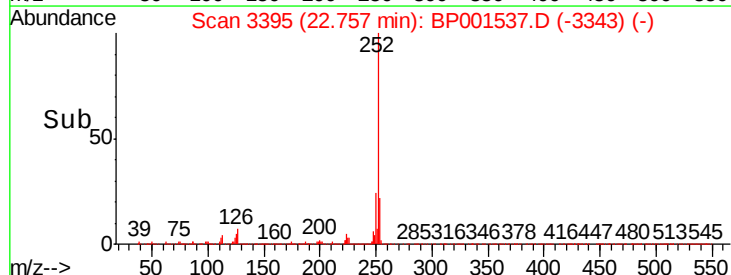
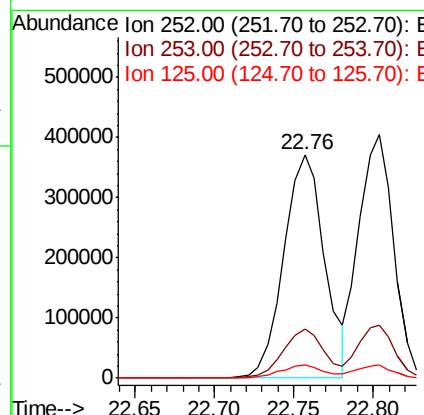
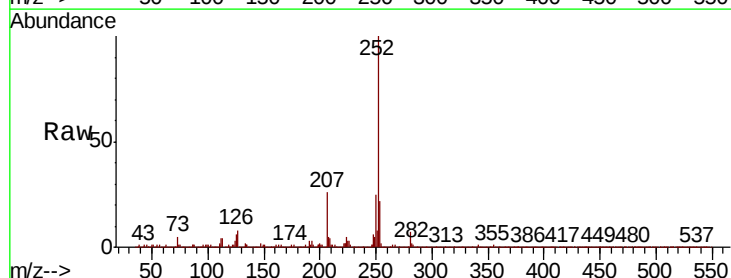
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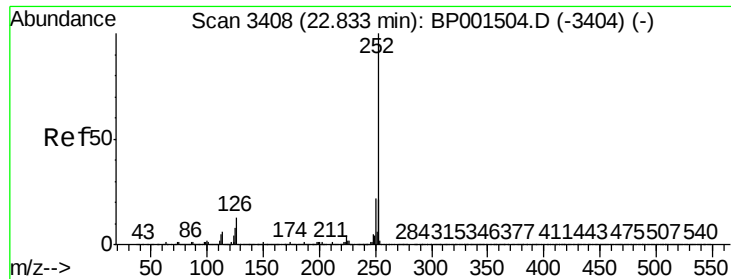
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#88
Benzo(b)fluoranthene
Concen: 47.619 ng
RT: 22.76 min Scan# 3395
Delta R.T. 0.01 min
Lab File: BP001537.D
Acq: 06 Jan 2020 19:20

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.7	16.7	25.1
125	5.7	4.2	6.2





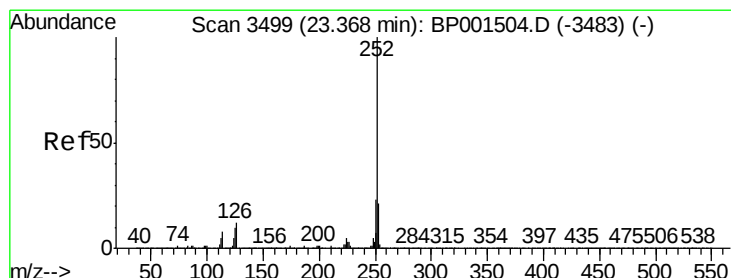
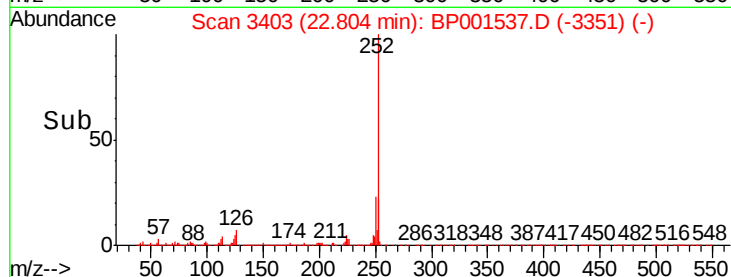
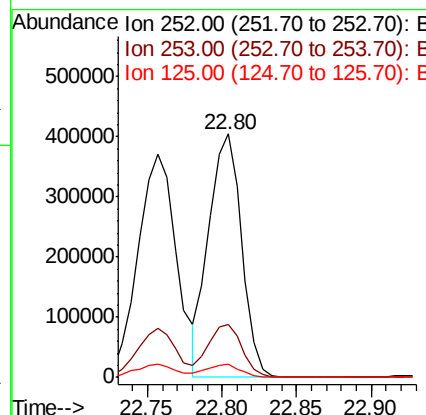
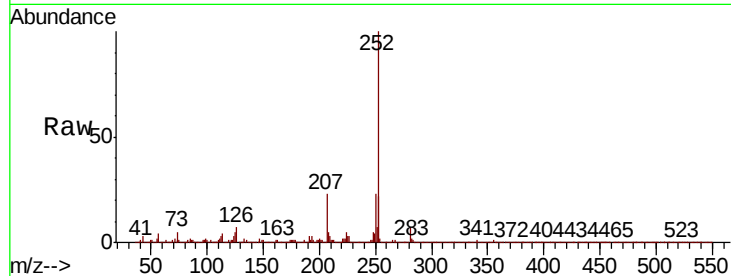
#89
Benzo(k)fluoranthene
Concen: 46.237 ng
RT: 22.80 min Scan# 3403
Delta R.T. 0.01 min
Lab File: BP001537.D
Acq: 06 Jan 2020 19:20

Instrument :
BNA_P
ClientSampleId :
MC-123019-0-2-COMP-B1MSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.3	25.9
125	5.5	4.8	7.2

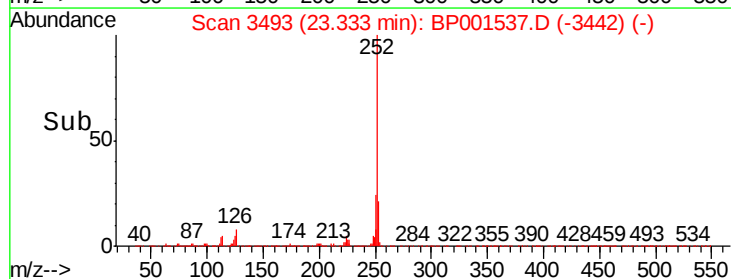
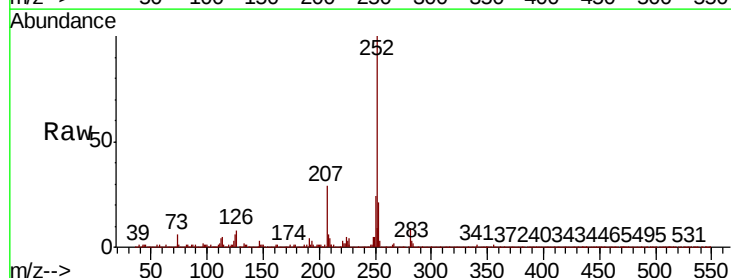
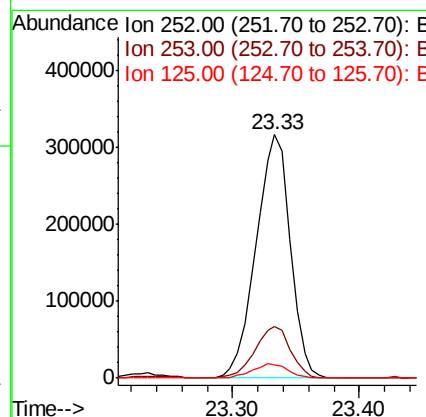
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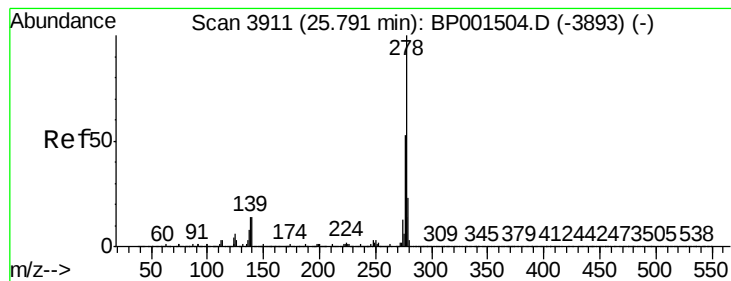
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#90
Benzo(a)pyrene
Concen: 45.445 ng
RT: 23.33 min Scan# 3493
Delta R.T. 0.00 min
Lab File: BP001537.D
Acq: 06 Jan 2020 19:20

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.3	17.8	26.8
125	5.6	4.6	6.8





#91

Dibenzo(a,h)anthracene

Concen: 47.056 ng

RT: 25.73 min Scan# 3901

Delta R.T. 0.01 min

Lab File: BP001537.D

Acq: 06 Jan 2020 19:20

Instrument :

BNA_P

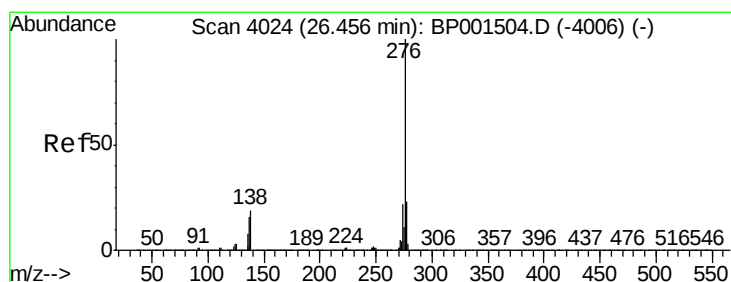
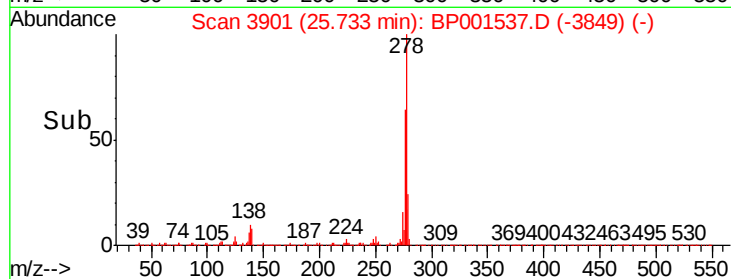
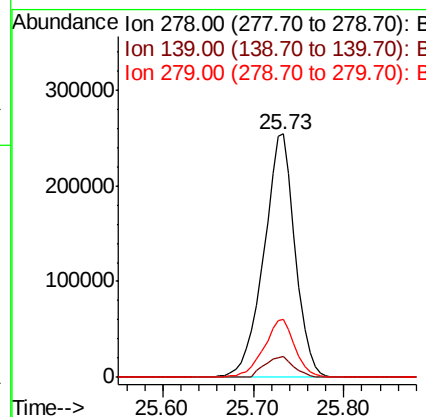
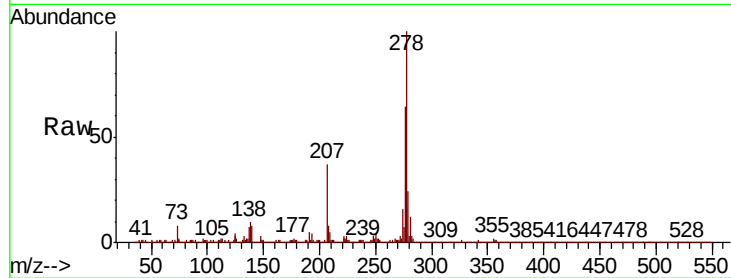
ClientSampleId :

MC-123019-0-2-COMP-B1MSD

Tot Ion:	278	Resp:	609292
Ion Ratio	Lower	Upper	
278	100		
139	8.3	7.2	10.8
279	23.9	19.2	28.8

Manual Integrations
APPROVED

mohammad
1/7/2020 12:31:32 PM



#92

Benzo(g,h,i)perylene

Concen: 47.773 ng

RT: 26.40 min Scan# 4015

Delta R.T. 0.01 min

Lab File: BP001537.D

Acq: 06 Jan 2020 19:20

Tgt Ion:	276	Resp:	616951
Ion Ratio	Lower	Upper	
276	100		
277	23.9	18.9	28.3
138	11.3	10.1	15.1

