

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP010320\
 Data File : BP001516.D
 Acq On : 03 Jan 2020 20:05
 Operator : JU
 Sample : K6482-02MSD
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 MC-123119-0-2-COMP-B6MSD

Manual Integrations
 APPROVED

mohammad

1/6/2020 11:42:45 AM

Quant Time: Jan 04 03:23:50 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP010320.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jan 03 15:57:46 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.70	152	72112	20.00	ng	0.00
21) Naphthalene-d8	10.48	136	249739	20.00	ng	0.00
39) Acenaphthene-d10	14.34	164	141850	20.00	ng	0.00
64) Phenanthrene-d10	17.10	188	294514	20.00	ng	0.00
76) Chrysene-d12	21.20	240	262483	20.00	ng	0.00
87) Perylene-d12	23.46	264	317702	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.35	112	361781	84.28	ng	0.04
7) Phenol-d6	6.92	99	467809	80.92	ng	0.05
23) Nitrobenzene-d5	8.86	82	271479	53.69	ng	0.01
42) 2,4,6-Tribromophenol	15.85	330	127384	79.35	ng	0.00
45) 2-Fluorobiphenyl	12.96	172	507225	52.58	ng	0.00
79) Terphenyl-d14	19.69	244	668190	50.73	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.31	88	91313	50.602	ng	# 68
3) Pyridine	3.75	79	245381	44.734	ng	98
4) n-Nitrosodimethylamine	3.60	42	122767	52.938	ng	99
6) Aniline	7.05	93	154504	20.749	ng	99
8) 2-Chlorophenol	7.29	128	214175	48.135	ng	100
9) Benzaldehyde	6.86	77	135267	45.049	ng	96
10) Phenol	6.95	94	298379	49.060	ng	98
11) bis(2-Chloroethyl)ether	7.15	93	224578	46.897	ng	99
12) 1,3-Dichlorobenzene	7.59	146	246742	45.273	ng	98
13) 1,4-Dichlorobenzene	7.73	146	248856	45.438	ng	99
14) 1,2-Dichlorobenzene	8.05	146	232323	44.260	ng	97
15) Benzyl Alcohol	7.98	79	200968	43.247	ng	96
16) 2,2'-oxybis(1-Chloropropan	8.25	45	306352	45.714	ng	98
17) 2-Methylphenol	8.18	107	177439	44.637	ng	96
18) Hexachloroethane	8.78	117	89689	43.080	ng	98
19) n-Nitroso-di-n-propylamine	8.55	70	157837	41.898	ng	97
20) 3+4-Methylphenols	8.50	107	234636	43.825	ng	97
22) Acetophenone	8.55	105	310362	44.179	ng	# 98
24) Nitrobenzene	8.90	77	243749	46.805	ng	98
25) Isophorone	9.48	82	422383	43.751	ng	98
26) 2-Nitrophenol	9.60	139	102348	55.063	ng	98
27) 2,4-Dimethylphenol	9.69	122	184669	54.875	ng	97
28) bis(2-Chloroethoxy)methane	9.92	93	261057	43.114	ng	98
29) 2,4-Dichlorophenol	10.15	162	191684	46.492	ng	96
30) 1,2,4-Trichlorobenzene	10.35	180	224064	45.641	ng	97
31) Naphthalene	10.53	128	633526	48.228	ng	100
32) Benzoic acid	9.89	122	115491	49.264	ng	97
33) 4-Chloroaniline	10.65	127	49478	8.656	ng	99
34) Hexachlorobutadiene	10.83	225	147362	45.363	ng	98
35) Caprolactam	11.61	113	55349m	40.255	ng	
36) 4-Chloro-3-methylphenol	11.80	107	190901	42.239	ng	98
37) 2-Methylnaphthalene	12.15	142	426544	45.557	ng	98
38) 1-Methylnaphthalene	12.37	142	394352	44.525	ng	98
40) 1,2,4,5-Tetrachlorobenzene	12.52	216	225416	47.599	ng	99

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Manual Integrations
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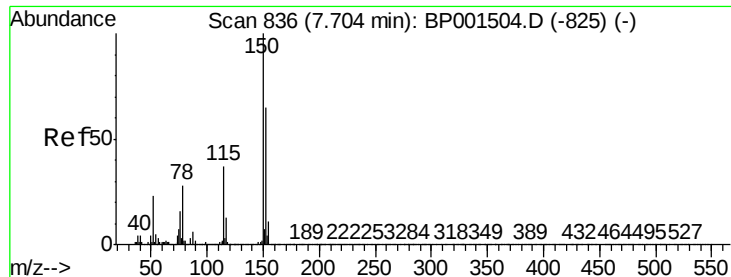
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.51	237	189846	77.655	ng	100
43) 2,4,6-Trichlorophenol	12.77	196	149225	50.334	ng	96
44) 2,4,5-Trichlorophenol	12.85	196	157108	50.947	ng	98
46) 1,1'-Biphenyl	13.17	154	508008	47.383	ng	99
47) 2-Chloronaphthalene	13.20	162	402907	45.758	ng	99
48) 2-Nitroaniline	13.42	65	116708	45.373	ng	99
49) Acenaphthylene	14.06	152	638582	47.817	ng	99
50) Dimethylphthalate	13.83	163	508906	45.896	ng	100
51) 2,6-Dinitrotoluene	13.93	165	102035	46.791	ng	97
52) Acenaphthene	14.41	154	392305	46.808	ng	99
53) 3-Nitroaniline	14.26	138	35412	14.399	ng	96
54) 2,4-Dinitrophenol	14.46	184	69842	77.508	ng	90
55) Dibenzofuran	14.75	168	622478	48.487	ng	98
56) 4-Nitrophenol	14.60	139	179841	97.781	ng	92
57) 2,4-Dinitrotoluene	14.72	165	139803	47.553	ng	98
58) Fluorene	15.40	166	479238	49.007	ng	97
59) 2,3,4,6-Tetrachlorophenol	14.99	232	134485	49.967	ng	97
60) Diethylphthalate	15.21	149	472870	42.367	ng	97
61) 4-Chlorophenyl-phenylether	15.40	204	240955	45.682	ng	98
62) 4-Nitroaniline	15.43	138	79679	32.274	ng	99
63) Azobenzene	15.70	77	472739	43.843	ng	96
65) 4,6-Dinitro-2-methylphenol	15.48	198	51882	46.206	ng	97
66) n-Nitrosodiphenylamine	15.62	169	405185	47.473	ng	99
67) 4-Bromophenyl-phenylether	16.30	248	153577	47.084	ng	92
68) Hexachlorobenzene	16.40	284	166527	45.384	ng	97
69) Atrazine	16.61	200	157817	52.177	ng	99
70) Pentachlorophenol	16.76	266	199145	105.489	ng	98
71) Phenanthrene	17.15	178	1204030	75.375	ng	99
72) Anthracene	17.23	178	855142	54.014	ng	100
73) Carbazole	17.51	167	714484	48.773	ng	99
74) Di-n-butylphthalate	18.10	149	796126	42.817	ng	100
75) Fluoranthene	19.12	202	1505593	77.860	ng	98
77) Benzidine	19.32	184	503456	83.884	ng	100
78) Pyrene	19.47	202	1481031	77.756	ng	100
80) Butylbenzylphthalate	20.38	149	363863	44.403	ng	96
81) Benzo(a)anthracene	21.19	228	1128482	61.272	ng	99
82) 3,3'-Dichlorobenzidine	21.13	252	251207	38.426	ng	96
83) Chrysene	21.24	228	1062351	60.158	ng	98
84) Bis(2-ethylhexyl)phthalate	21.16	149	524125	43.647	ng	99
85) Di-n-octyl phthalate	22.04	149	916281	43.873	ng	97
86) Indeno(1,2,3-cd)pyrene	25.76	276	1187745	55.263	ng	98
88) Benzo(b)fluoranthene	22.79	252	1175434	59.753	ng	98
89) Benzo(k)fluoranthene	22.83	252	962312	51.070	ng	98
90) Benzo(a)pyrene	23.37	252	1081629	58.740	ng	99
91) Dibenzo(a,h)anthracene	25.78	278	898968	49.121	ng	97
92) Benzo(g,h,i)perylene	26.46	276	1065744	58.387	ng	99

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



#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.70 min Scan# 835
Delta R.T. -0.01 min
Lab File: BP001516.D
Acq: 03 Jan 2020 20:05

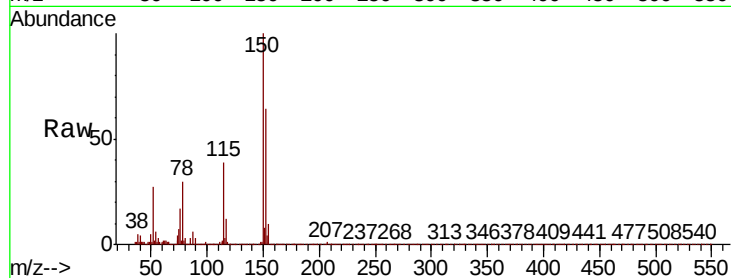
Instrument :
BNA_P
ClientSampleId :
MC-123119-0-2-COMP-B6MSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.3	123.6	185.4
115	61.1	45.8	68.6

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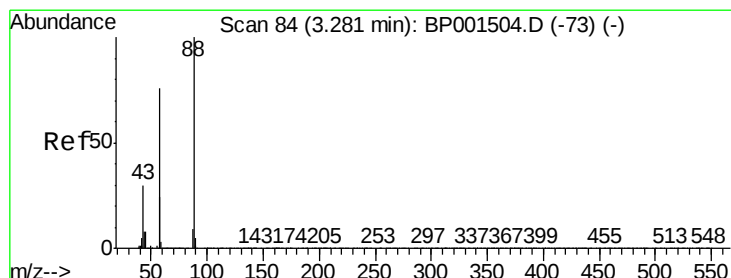
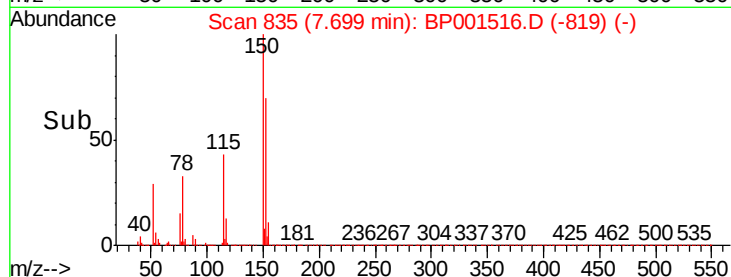
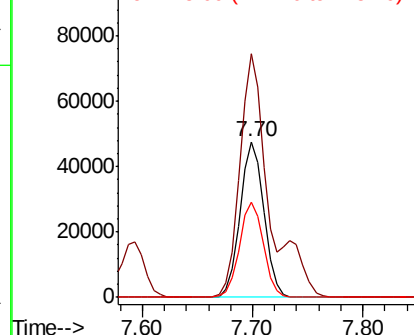


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

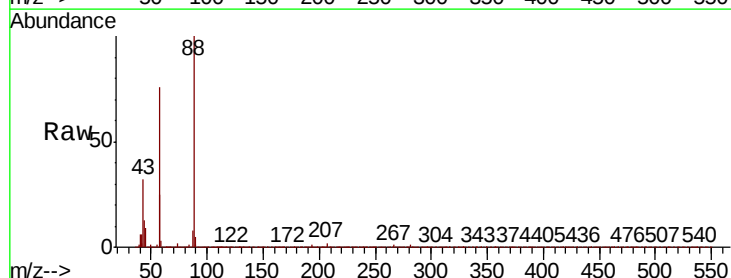
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 50.602 ng
RT: 3.31 min Scan# 89
Delta R.T. 0.03 min
Lab File: BP001516.D
Acq: 03 Jan 2020 20:05

Tgt Ion	Ratio	Lower	Upper
88	100		
58	75.9	0.1	0.1#
43	30.7	0.0	0.0#

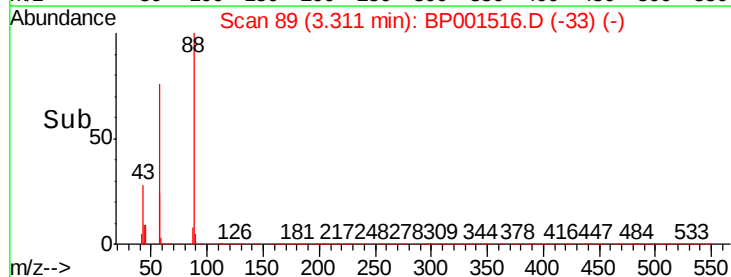
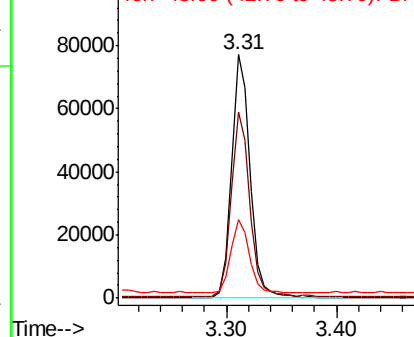


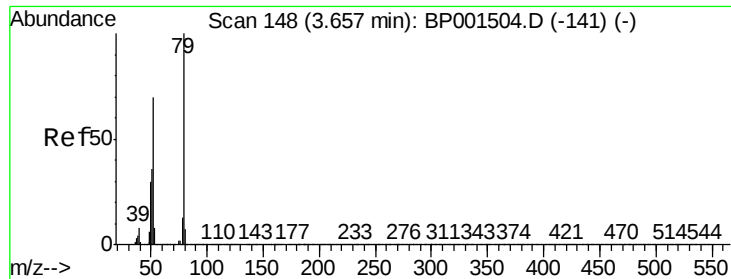
Abundance

Ion 88.00 (87.70 to 88.70): BP0

Ion 58.00 (57.70 to 58.70): BP0

Ion 43.00 (42.70 to 43.70): BP0





#3
Pvridine
Concen: 44.734 ng
RT: 3.75 min Scan# 164
Delta R.T. 0.09 min
Lab File: BP001516.D
Acq: 03 Jan 2020 20:05

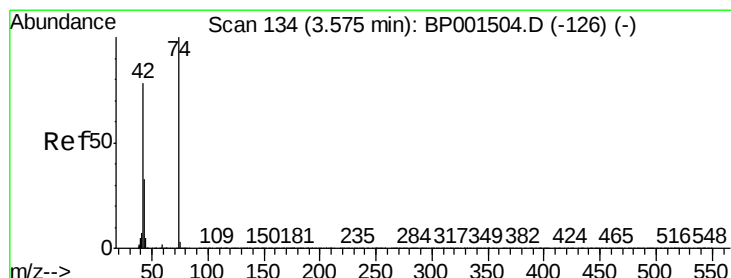
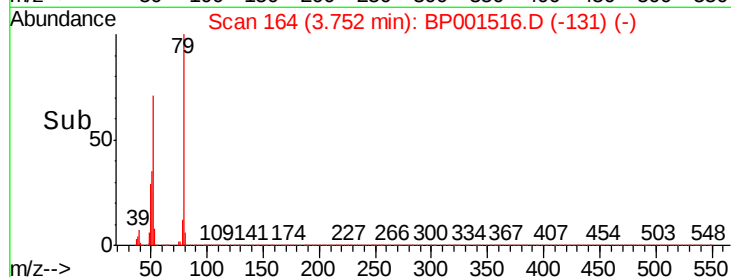
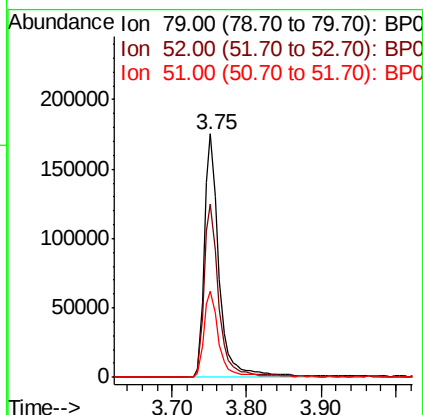
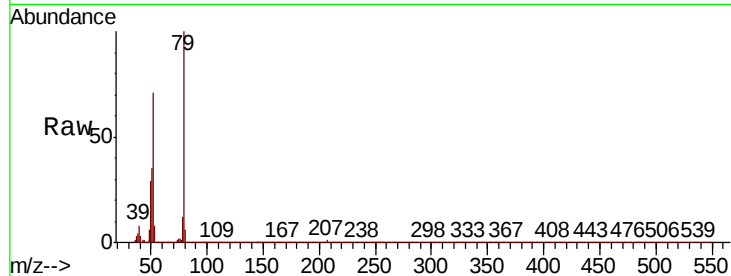
Instrument :
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ClientSampleId :
MC-123119-0-2-COMP-B6MSD

Tot Ion:	79	Resp:	245381
Ion Ratio	Lower	Upper	
79	100		
52	71.2	55.6	83.4
51	35.3	29.1	43.7

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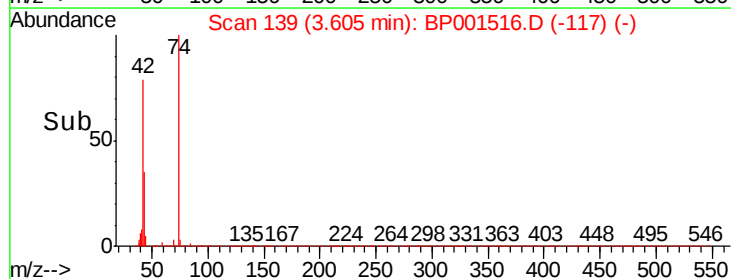
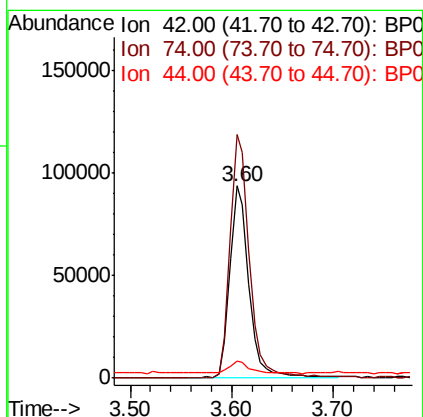
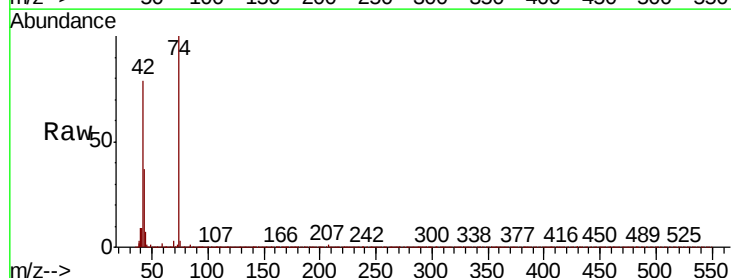
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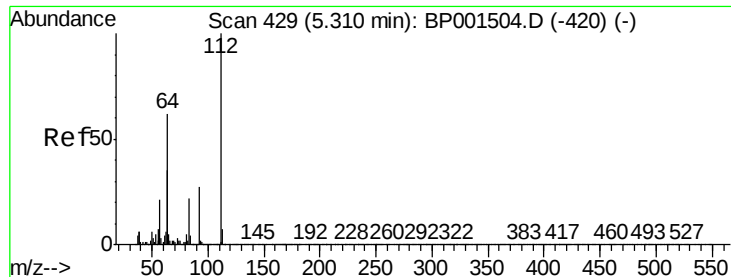
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#4
n-Nitrosodimethylamine
Concen: 52.938 ng
RT: 3.60 min Scan# 139
Delta R.T. 0.03 min
Lab File: BP001516.D
Acq: 03 Jan 2020 20:05

Tgt Ion:	42	Resp:	122767
Ion Ratio	Lower	Upper	
42	100		
74	126.9	102.6	153.8
44	8.9	7.5	11.3





#5

2-Fluorophenol

Concen: 84.285 ng

RT: 5.35 min Scan# 436

Delta R.T. 0.04 min

Lab File: BP001516.D

Acq: 03 Jan 2020 20:05

Instrument :

BNA_P

ClientSampleId :

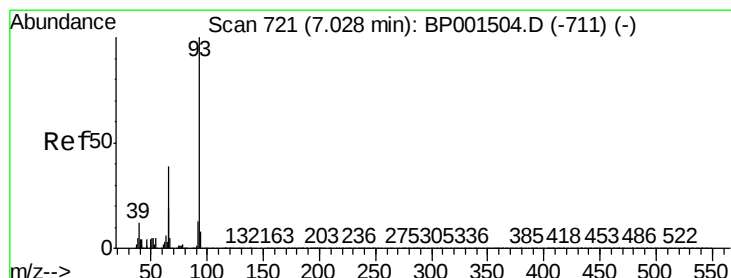
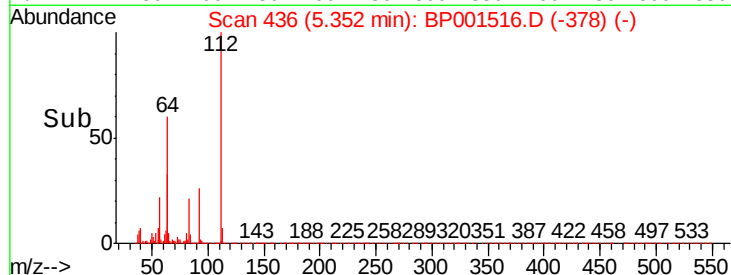
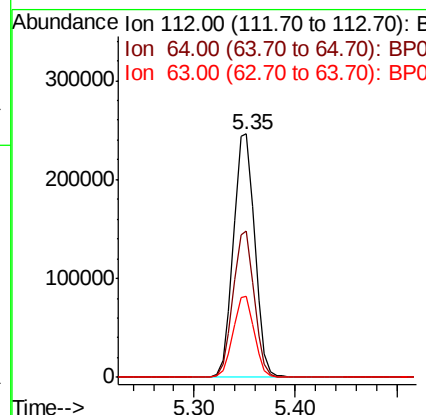
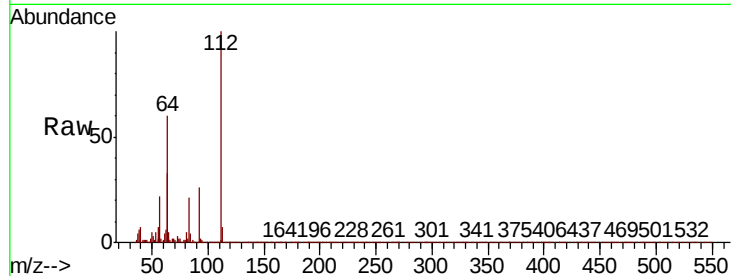
MC-123119-0-2-COMP-B6MSD

Tot Ion:	112	Resp:	361781
Ion Ratio	Lower	Upper	
112	100		
64	60.0	49.7	74.5
63	33.0	28.1	42.1

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#6

Aniline

Concen: 20.749 ng

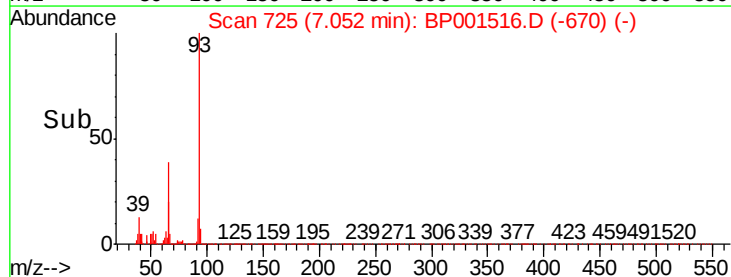
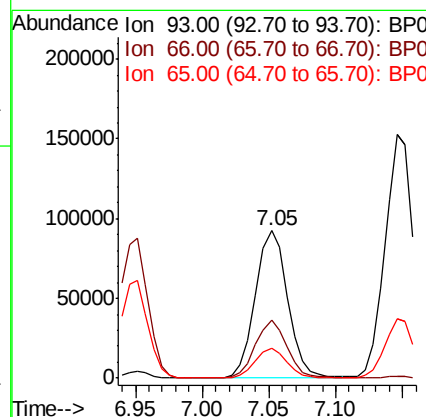
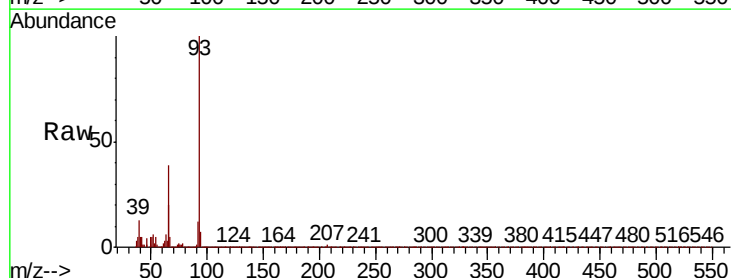
RT: 7.05 min Scan# 725

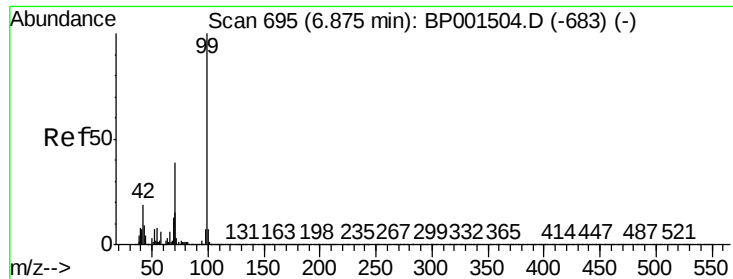
Delta R.T. 0.02 min

Lab File: BP001516.D

Acq: 03 Jan 2020 20:05

Tgt Ion:	93	Resp:	154504
Ion Ratio	Lower	Upper	
93	100		
66	39.1	31.0	46.4
65	20.1	15.3	22.9





#7

Phenol-d6

Concen: 80.916 ng

RT: 6.92 min Scan# 703

Delta R.T. 0.05 min

Lab File: BP001516.D

Acq: 03 Jan 2020 20:05

Instrument :

BNA_P

ClientSampleId :

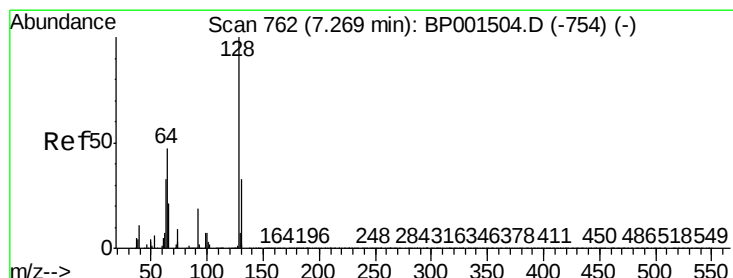
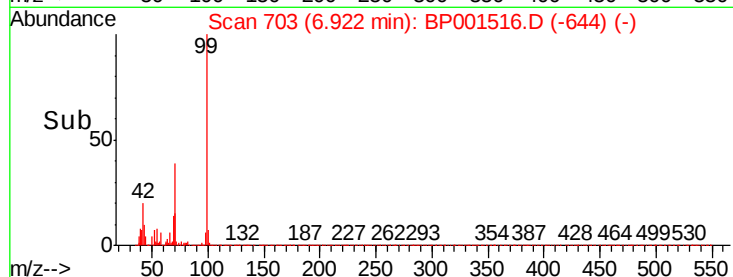
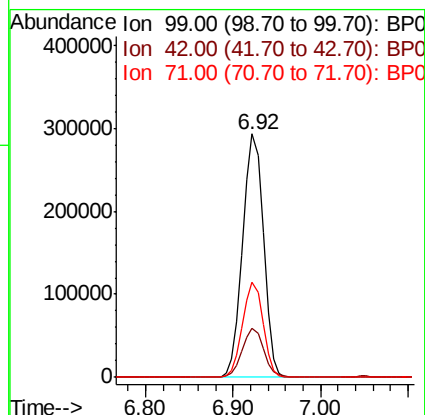
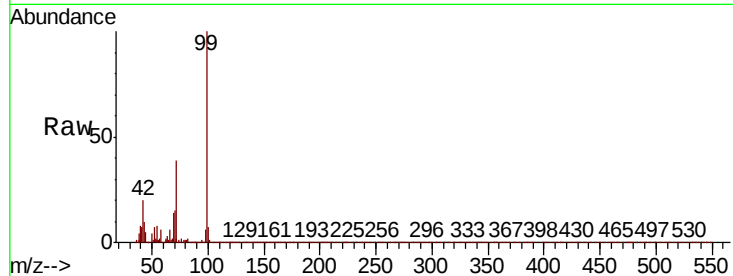
MC-123119-0-2-COMP-B6MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
99	100		467809		
42	20.3	15.3	22.9		
71	39.2	30.9	46.3		

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#8

2-Chlorophenol

Concen: 48.135 ng

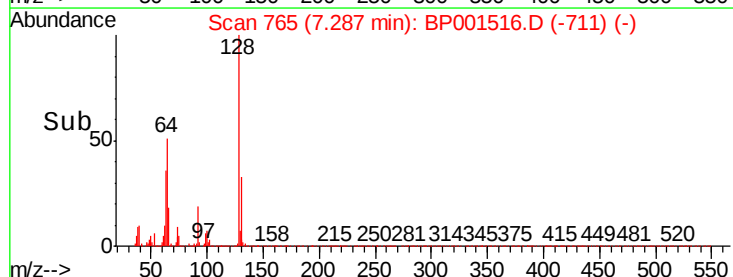
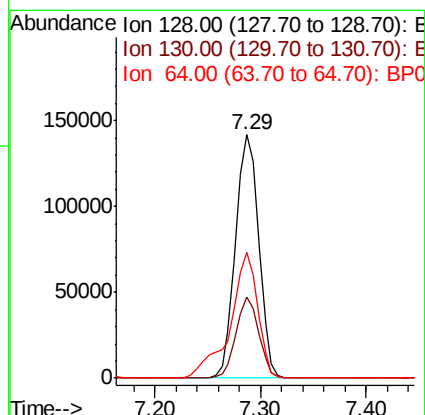
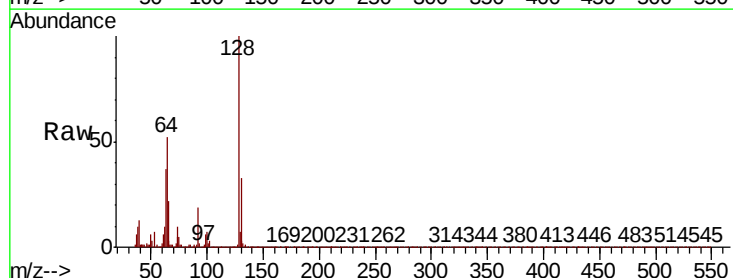
RT: 7.29 min Scan# 765

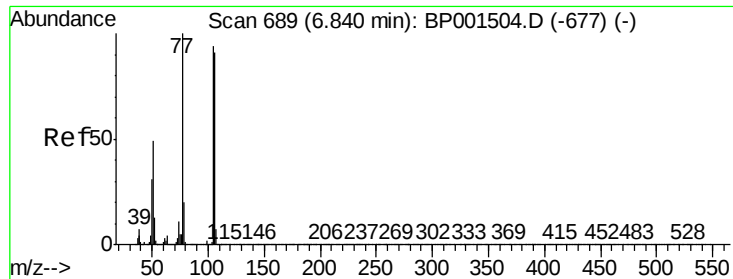
Delta R.T. 0.02 min

Lab File: BP001516.D

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Tgt Ion	Ion	Ratio	Resp	Lower	Upper
128	100		214175		
130	33.3	13.2	53.2		
64	51.6	31.9	71.9		





#9
Benzaldehyde
Concen: 45.049 ng
RT: 6.86 min Scan# 693
Delta R.T. 0.02 min
Lab File: BP001516.D
Acq: 03 Jan 2020 20:05

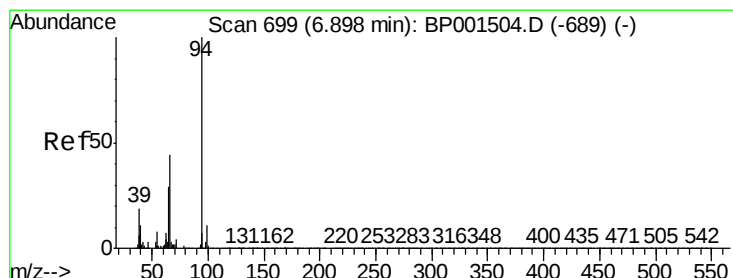
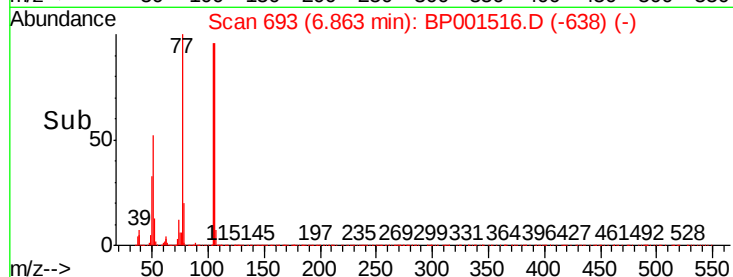
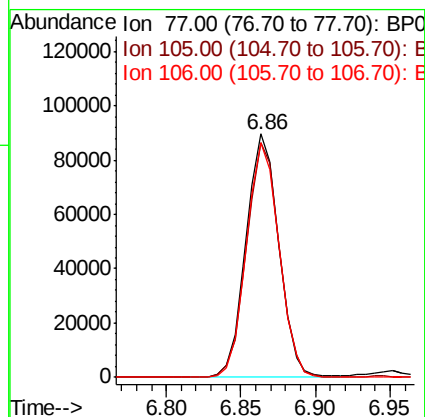
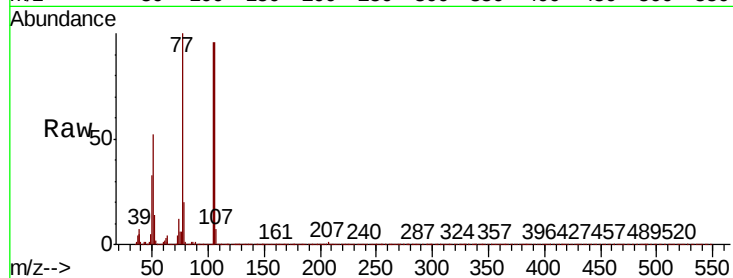
Instrument :
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MC-123119-0-2-COMP-B6MSD

Tot Ion	Ratio	Lower	Upper
77	100		
105	96.2	74.0	114.0
106	96.4	70.9	110.9

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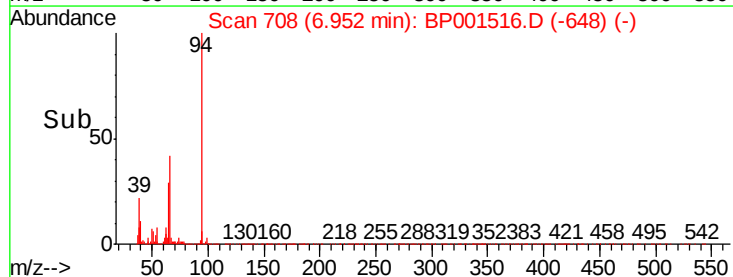
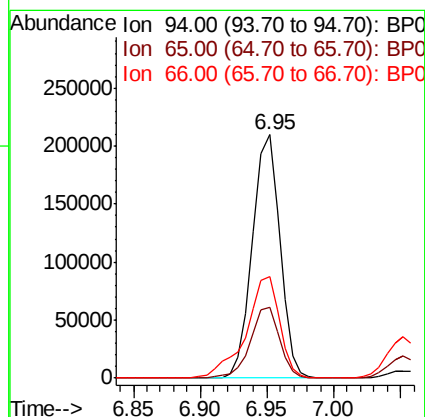
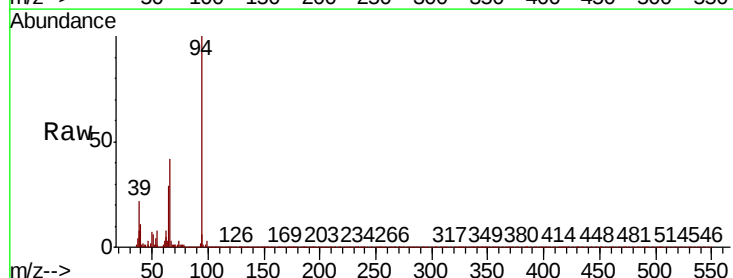
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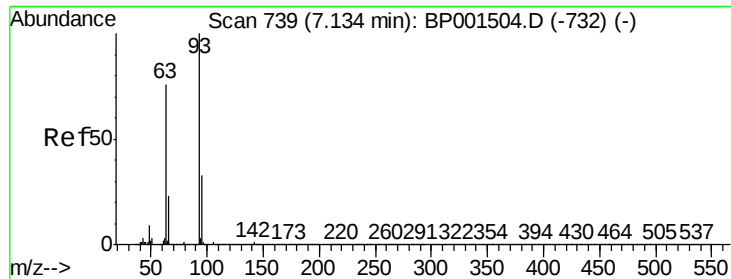
1/6/2020 11:42:45 AM



#10
Phenol
Concen: 49.060 ng
RT: 6.95 min Scan# 708
Delta R.T. 0.05 min
Lab File: BP001516.D
Acq: 03 Jan 2020 20:05

Tgt Ion	Ratio	Lower	Upper
94	100		
65	29.0	9.2	49.2
66	41.8	23.8	63.8





#11
bis(2-Chloroethyl)ether
Concen: 46.897 ng
RT: 7.15 min Scan# 741
Delta R.T. 0.01 min
Lab File: BP001516.D
Acq: 03 Jan 2020 20:05

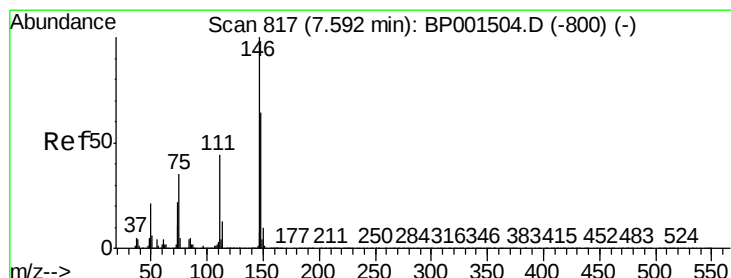
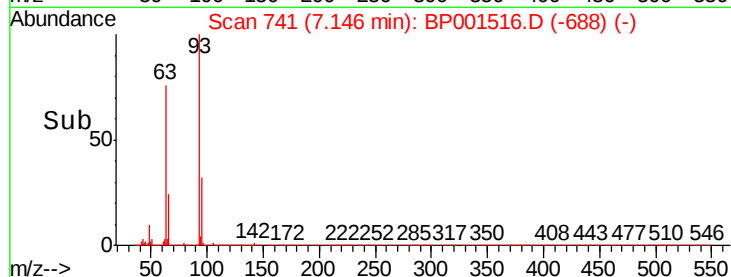
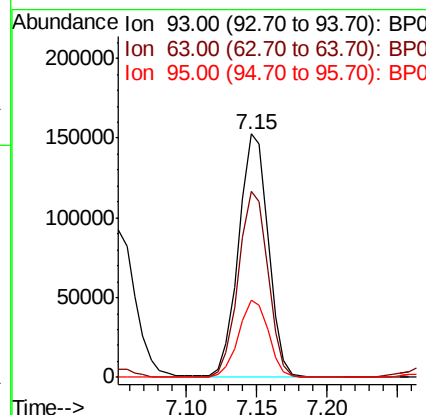
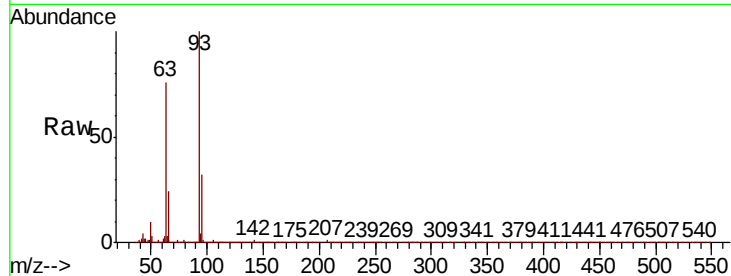
Instrument :
BNA_P
ClientSampleId :
MC-123119-0-2-COMP-B6MSD

Tot Ion	93	Resp	224578
Ion Ratio	Lower	Upper	
93	100		
63	76.5	56.1	96.1
95	31.6	13.2	53.2

Manual Integrations
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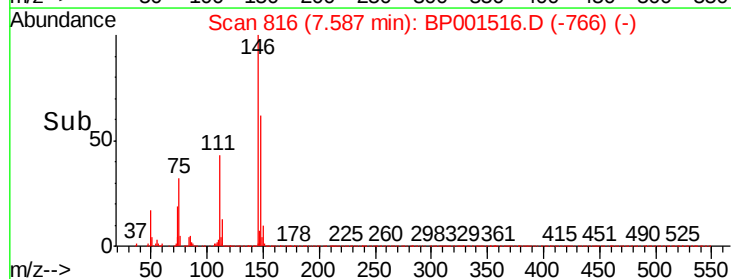
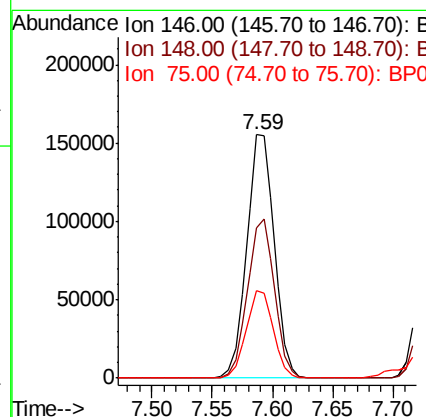
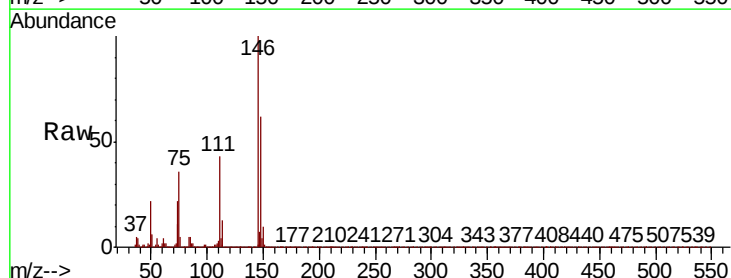
mohammad

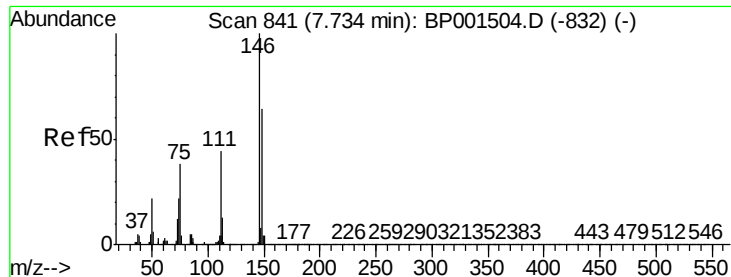
1/6/2020 11:42:45 AM



#12
1,3-Dichlorobenzene
Concen: 45.273 ng
RT: 7.59 min Scan# 816
Delta R.T. -0.01 min
Lab File: BP001516.D
Acq: 03 Jan 2020 20:05

Tgt Ion	146	Resp	246742
Ion Ratio	Lower	Upper	
146	100		
148	61.7	51.0	76.6
75	35.7	28.2	42.2





#13
1,4-Dichlorobenzene
Concen: 45.438 ng
RT: 7.73 min Scan# 841
Delta R.T. 0.00 min
Lab File: BP001516.D
Acq: 03 Jan 2020 20:05

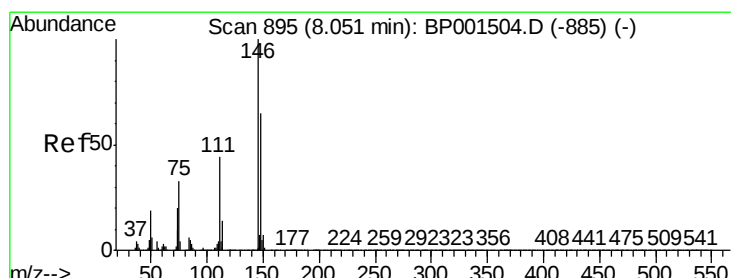
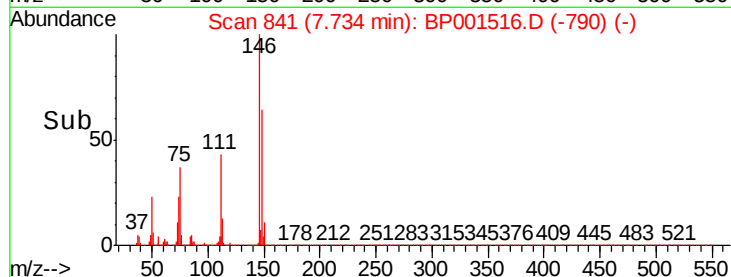
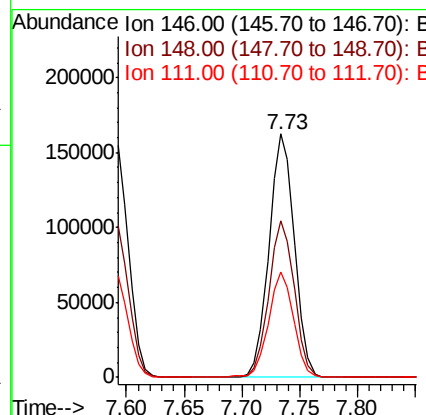
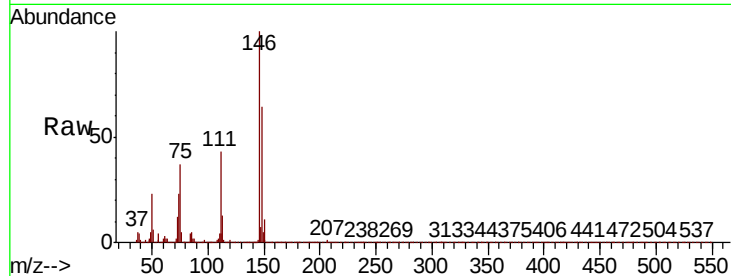
Instrument :
BNA_P
ClientSampleId :
MC-123119-0-2-COMP-B6MSD

Tot Ion	Ratio	Lower	Upper
146	100		
148	64.2	51.4	77.2
111	43.2	35.4	53.0

Manual Integrations
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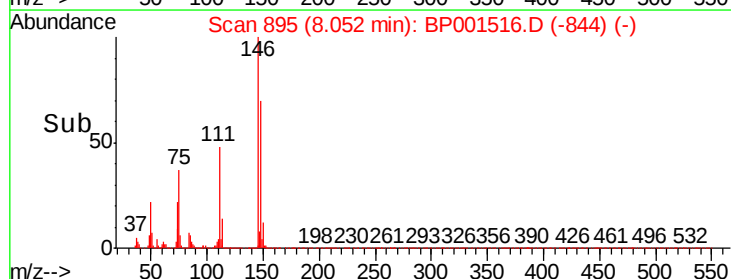
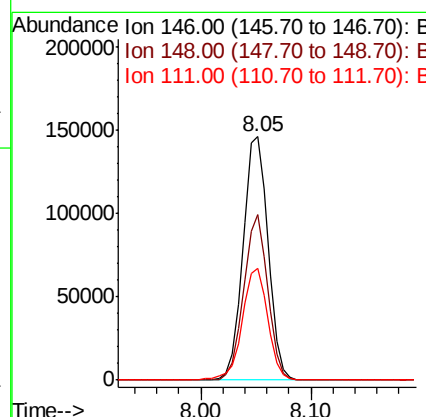
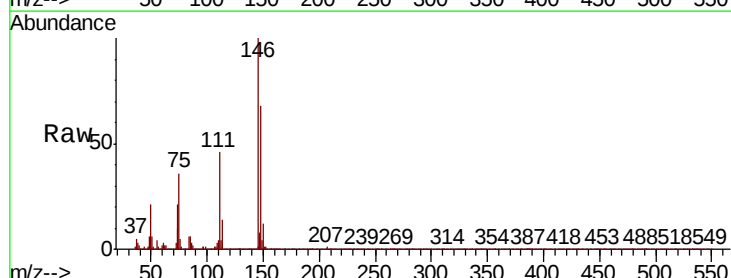
mohammad

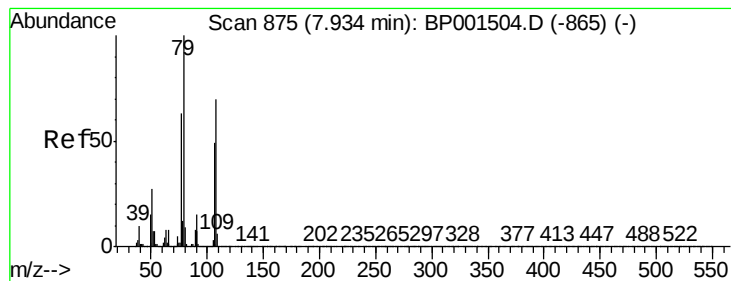
1/6/2020 11:42:45 AM



#14
1,2-Dichlorobenzene
Concen: 44.260 ng
RT: 8.05 min Scan# 895
Delta R.T. 0.00 min
Lab File: BP001516.D
Acq: 03 Jan 2020 20:05

Tgt Ion	Ratio	Lower	Upper
146	100		
148	67.8	52.0	78.0
111	45.7	35.3	52.9





#15

Benzyl Alcohol

Concen: 43.247 ng

RT: 7.98 min Scan# 882

Delta R.T. 0.04 min

Lab File: BP001516.D

Acq: 03 Jan 2020 20:05

Instrument :

BNA_P

ClientSampleId :

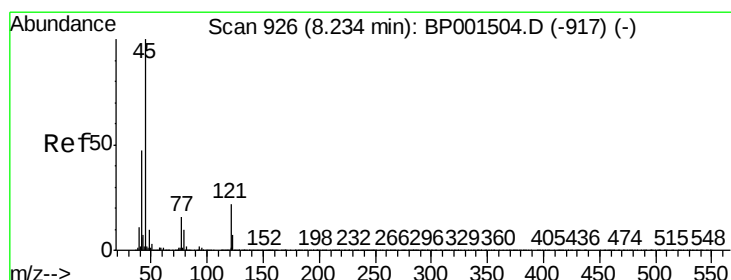
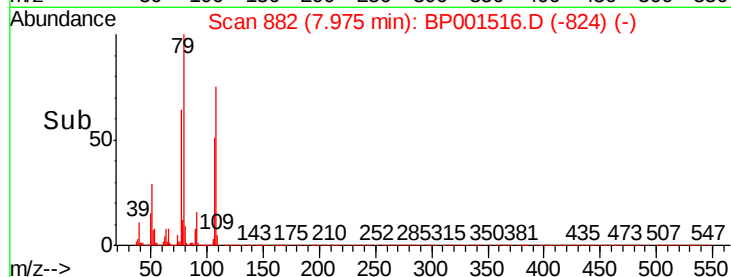
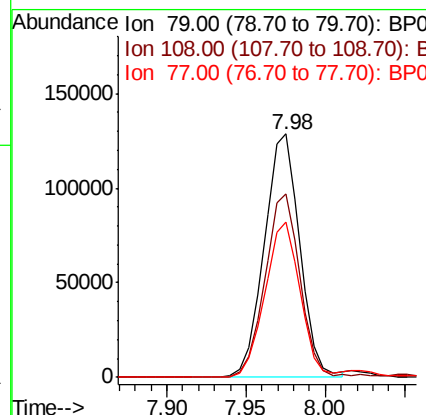
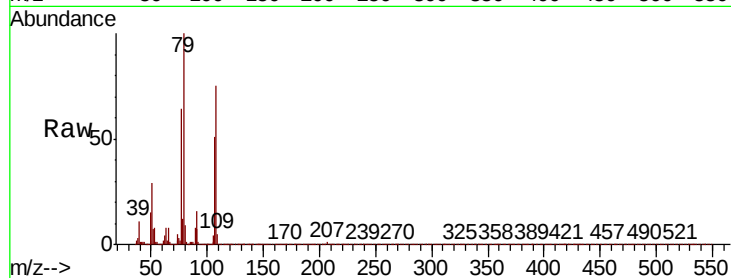
MC-123119-0-2-COMP-B6MSD

Tot Ion:	79	Resp:	200968
Ion Ratio	Lower	Upper	
79	100		
108	75.2	56.2	84.2
77	64.0	50.4	75.6

Manual Integrations
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#16

2,2'-oxybis(1-Chloropropane)

Concen: 45.714 ng

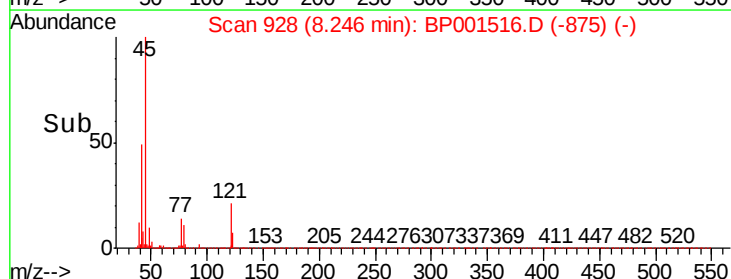
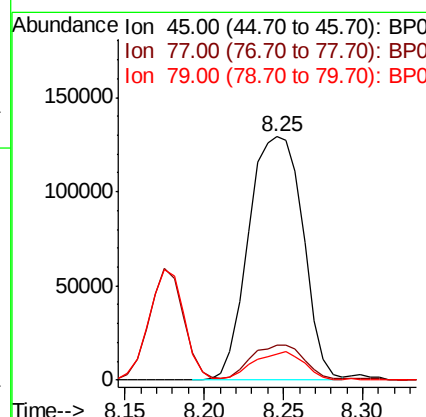
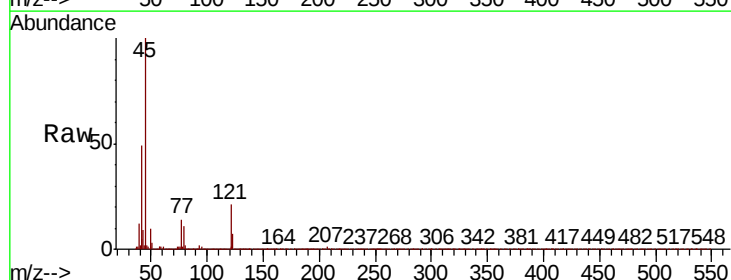
RT: 8.25 min Scan# 928

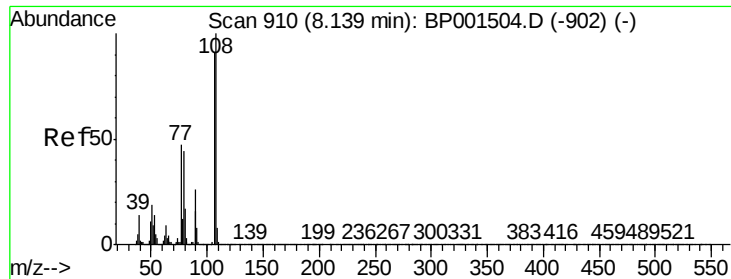
Delta R.T. 0.01 min

Lab File: BP001516.D

Acq: 03 Jan 2020 20:05

Tgt Ion:	45	Resp:	306352
Ion Ratio	Lower	Upper	
45	100		
77	14.5	0.0	35.7
79	10.7	0.0	30.6





#17
2-Methylphenol
Concen: 44.637 ng
RT: 8.18 min Scan# 916
Delta R.T. 0.04 min
Lab File: BP001516.D
Acq: 03 Jan 2020 20:05

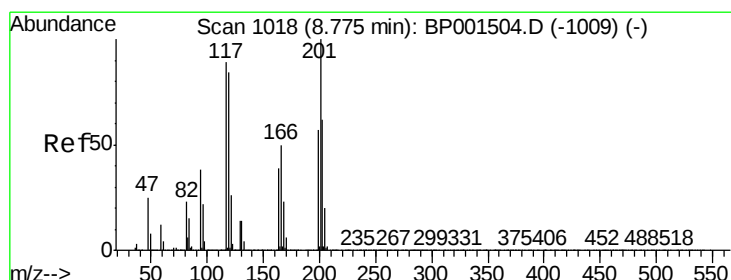
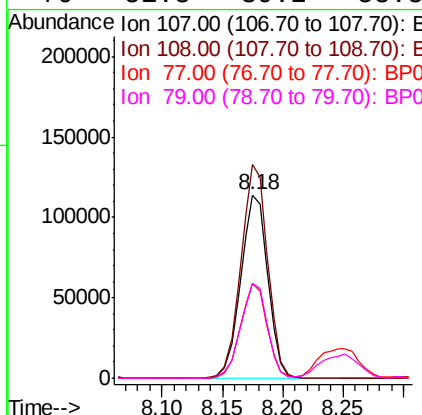
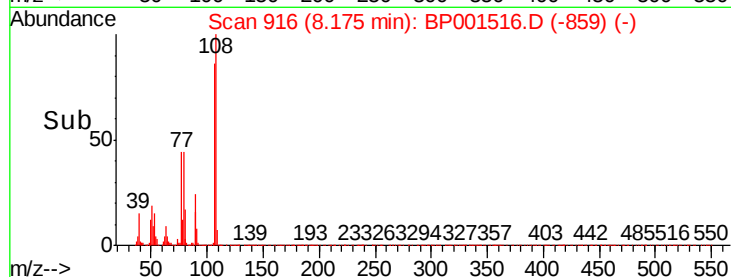
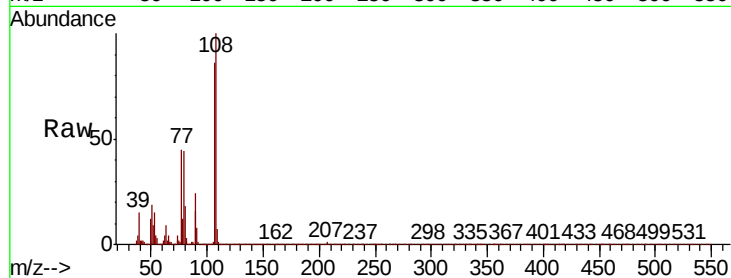
Instrument :
BNA_P
ClientSampleId :
MC-123119-0-2-COMP-B6MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
107	107	100			
108	108	116.7	88.2	132.2	
77	77	52.0	41.5	62.3	
79	79	51.8	39.2	58.8	

Manual Integrations
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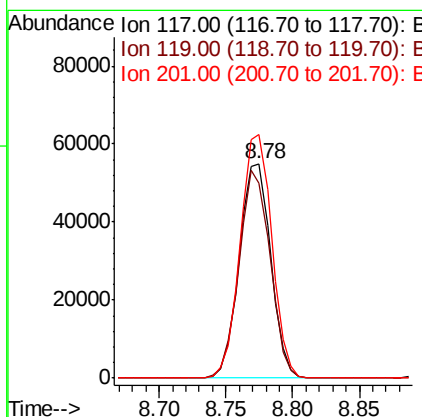
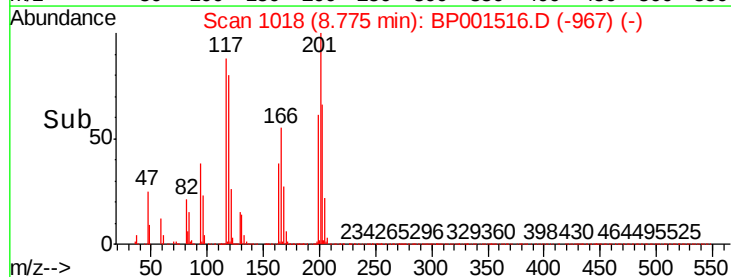
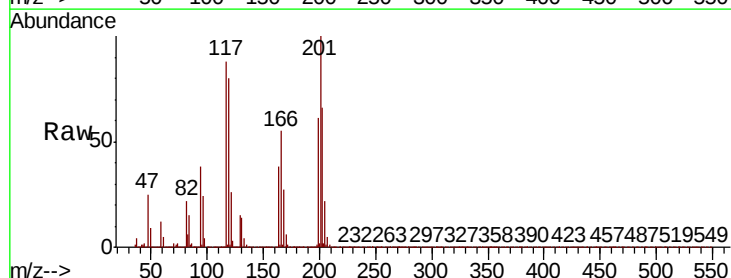
mohammad

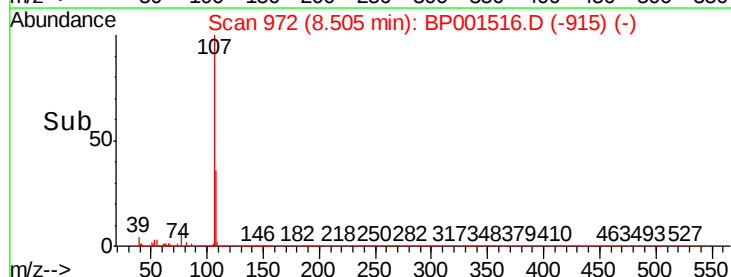
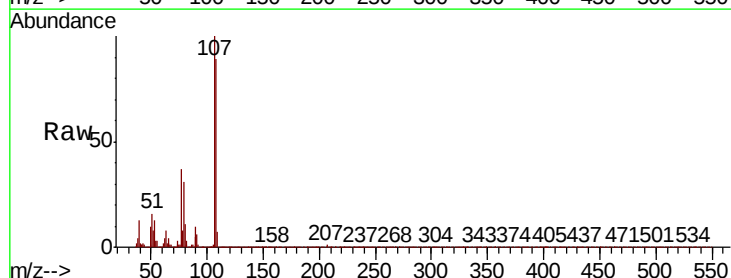
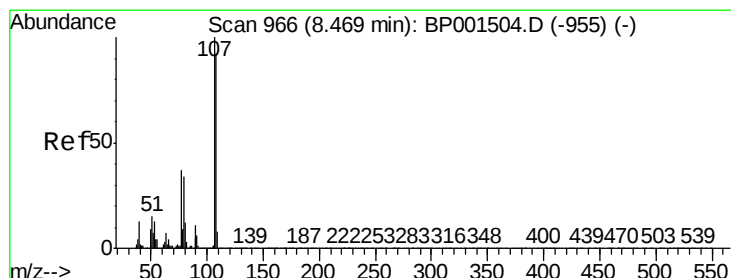
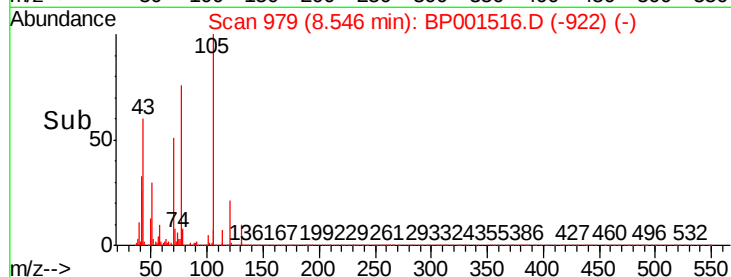
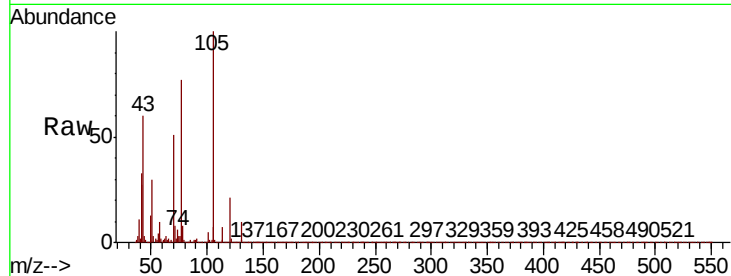
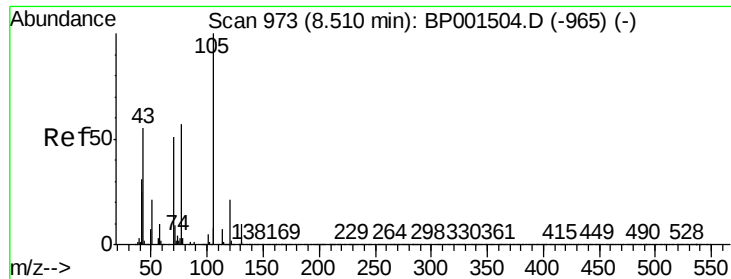
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#18
Hexachloroethane
Concen: 43.080 ng
RT: 8.78 min Scan# 1018
Delta R.T. 0.00 min
Lab File: BP001516.D
Acq: 03 Jan 2020 20:05

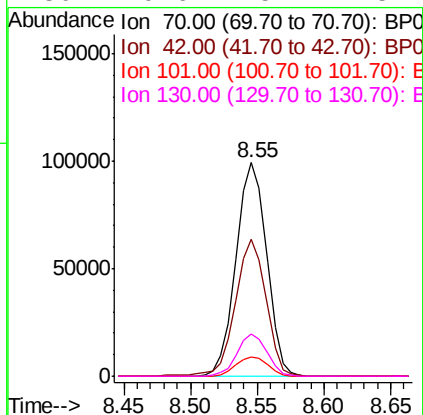
Tgt Ion	Ion	Ratio	Resp	Lower	Upper
117	117	100			
119	119	91.0	76.0	114.0	
201	201	113.4	90.2	135.4	





#19
n-Nitroso-di-n-propylamine
Concen: 41.898 ng
RT: 8.55 min Scan# 979
Delta R.T. 0.04 min
Lab File: BP001516.D
Acq: 03 Jan 2020 20:05

Tot Ion	Ratio	Lower	Upper
70	100		
42	63.9	48.8	73.2
101	9.2	8.1	12.1
130	19.6	15.4	23.2



Instrument :
BNA_P
ClientSampleId :
MC-123119-0-2-COMP-B6MSD

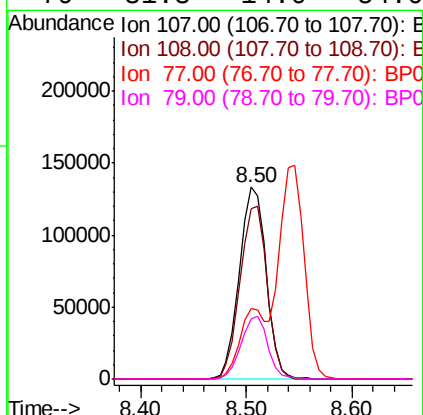
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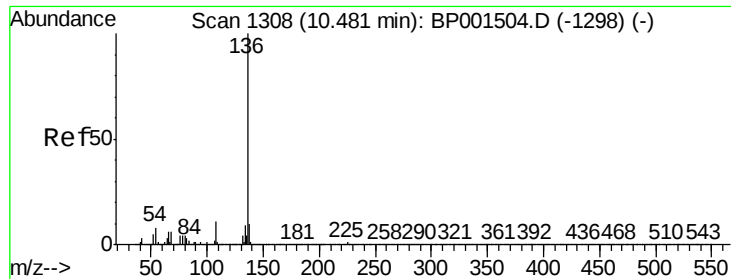
mohammad

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#20
3+4-Methylphenols
Concen: 43.825 ng
RT: 8.50 min Scan# 972
Delta R.T. 0.04 min
Lab File: BP001516.D
Acq: 03 Jan 2020 20:05

Tgt Ion	Ratio	Lower	Upper
107	100		
108	89.0	71.8	111.8
77	37.0	17.5	57.5
79	31.3	14.0	54.0





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.48 min Scan# 1308
Delta R.T. 0.00 min
Lab File: BP001516.D
Acq: 03 Jan 2020 20:05

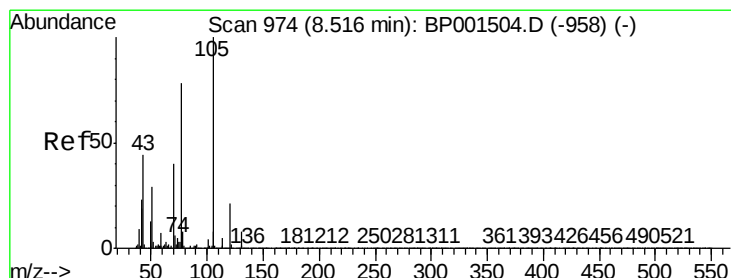
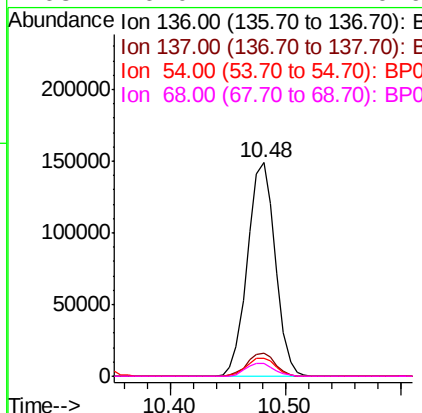
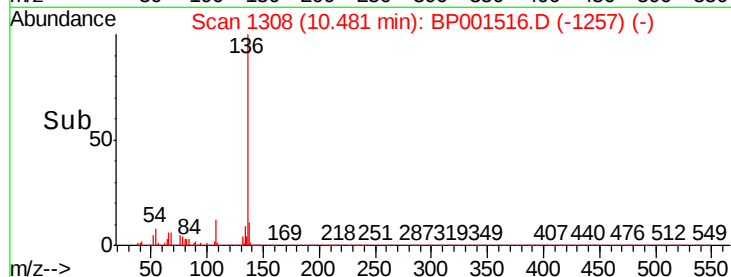
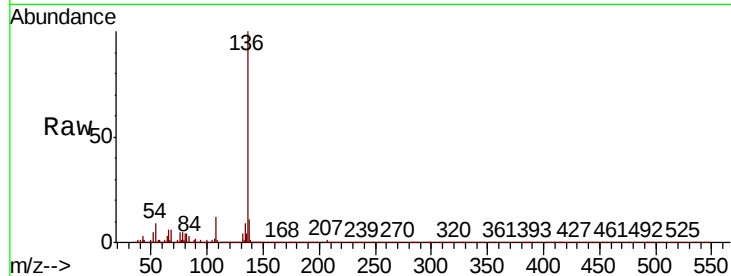
Instrument :
BNA_P
ClientSampleId :
MC-123119-0-2-COMP-B6MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
136	100		249739		
137	10.6	8.3	12.5		
54	8.5	6.7	10.1		
68	6.0	4.4	6.6		

Manual Integrations
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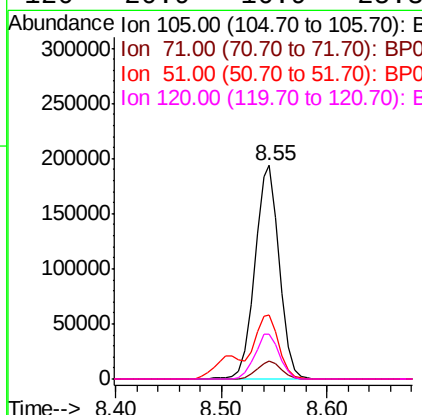
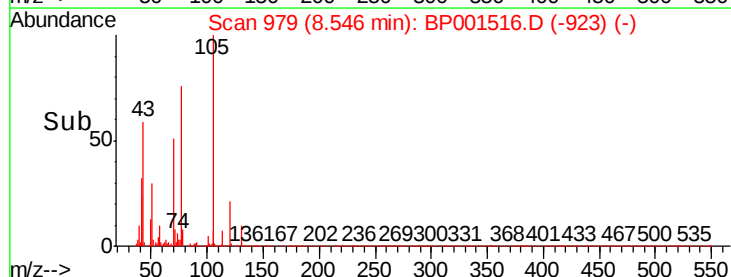
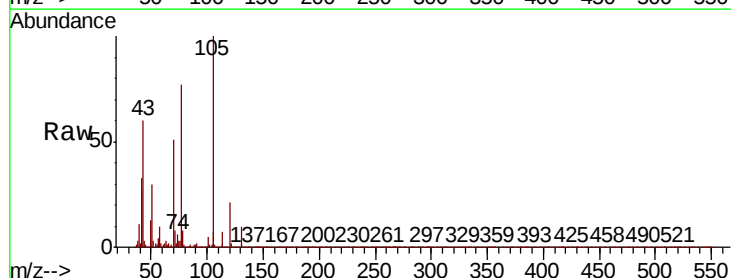
mohammad

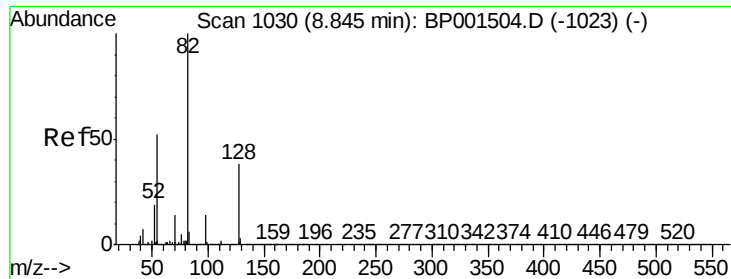
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#22
Acetophenone
Concen: 44.179 ng
RT: 8.55 min Scan# 979
Delta R.T. 0.03 min
Lab File: BP001516.D
Acq: 03 Jan 2020 20:05

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
105	100		310362		
71	8.5	5.1	7.7#		
51	30.1	22.9	34.3		
120	20.9	16.9	25.3		





#23
Nitrobenzene-d5
Concen: 53.692 ng
RT: 8.86 min Scan# 1032
Delta R.T. 0.01 min
Lab File: BP001516.D
Acq: 03 Jan 2020 20:05

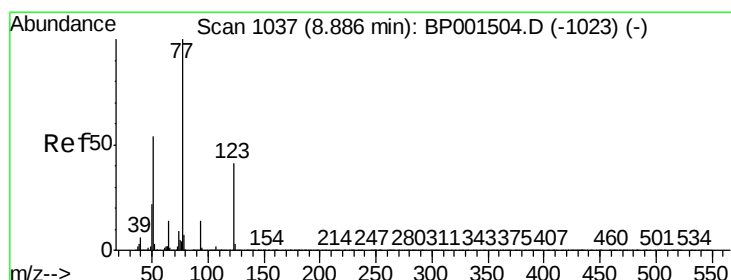
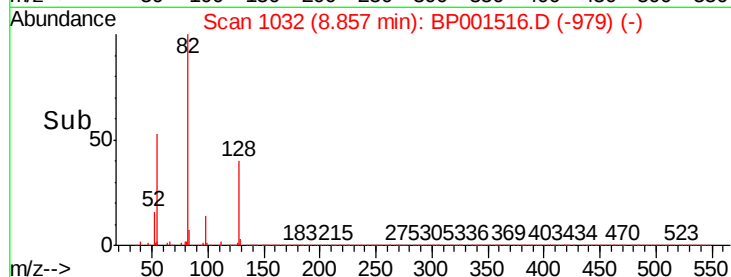
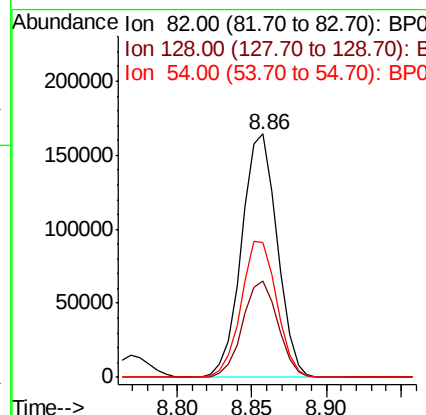
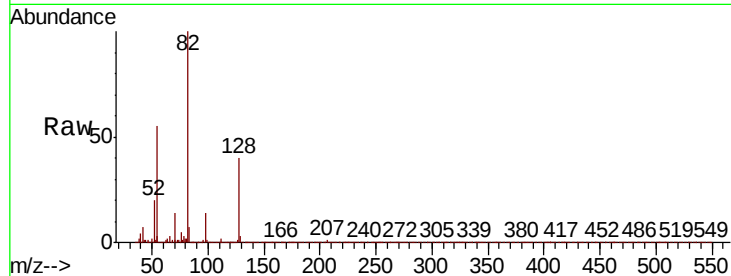
Instrument :
BNA_P
ClientSampleId :
MC-123119-0-2-COMP-B6MSD

Tot Ion	Ratio	Lower	Upper
82	100		
128	39.6	30.1	45.1
54	55.2	41.8	62.6

Manual Integrations
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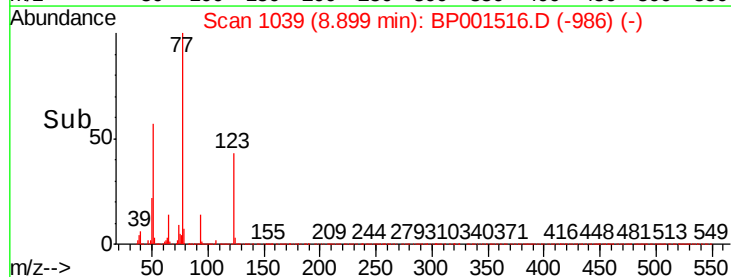
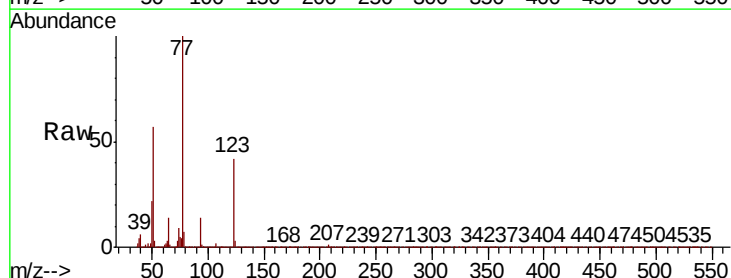
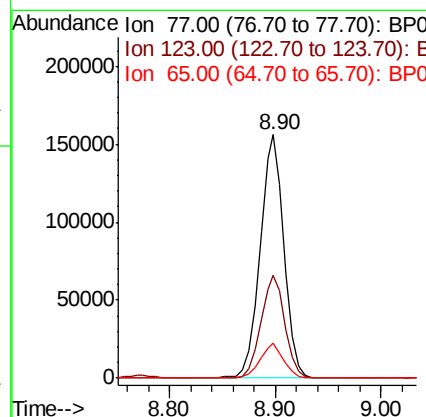
mohammad

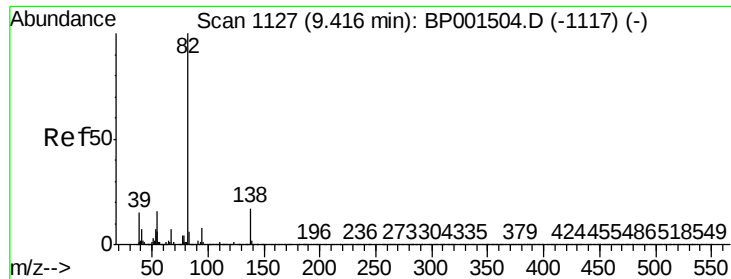
1/6/2020 11:42:45 AM



#24
Nitrobenzene
Concen: 46.805 ng
RT: 8.90 min Scan# 1039
Delta R.T. 0.01 min
Lab File: BP001516.D
Acq: 03 Jan 2020 20:05

Tgt Ion	Ratio	Lower	Upper
77	100		
123	42.5	32.7	49.1
65	14.3	11.3	16.9





#25
Isophorone
Concen: 43.751 ng
RT: 9.48 min Scan# 1138
Delta R.T. 0.07 min
Lab File: BP001516.D
Acq: 03 Jan 2020 20:05

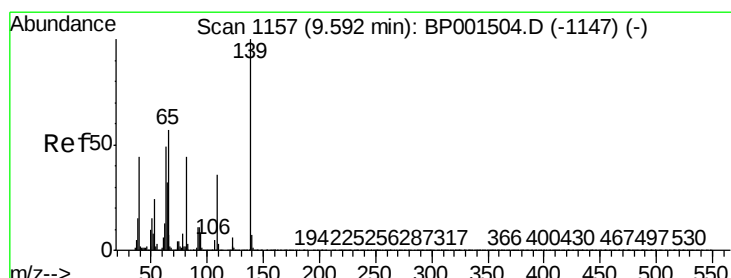
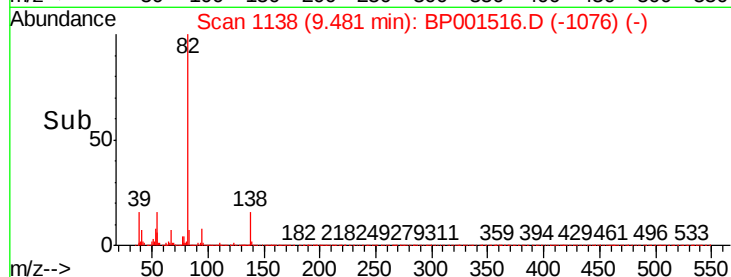
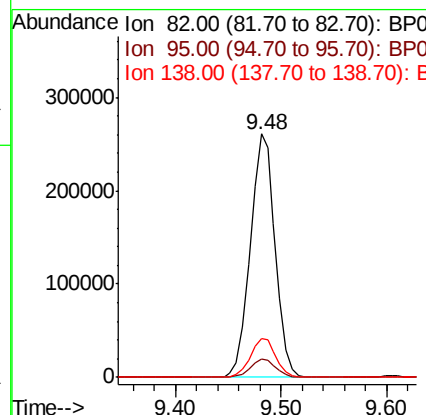
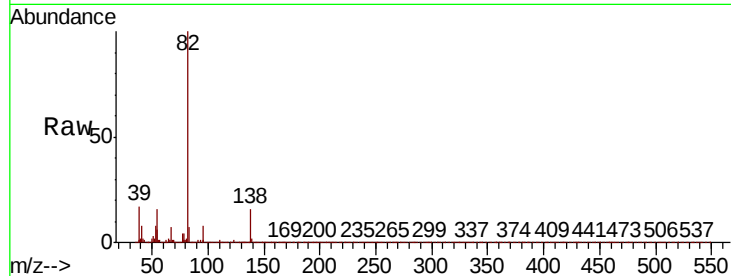
Instrument :
BNA_P
ClientSampleId :
MC-123119-0-2-COMP-B6MSD

Tot Ion	Ratio	Resp	Lower	Upper
82	100	422383		
95	7.5	6.2	9.4	
138	15.9	13.4	20.2	

Manual Integrations
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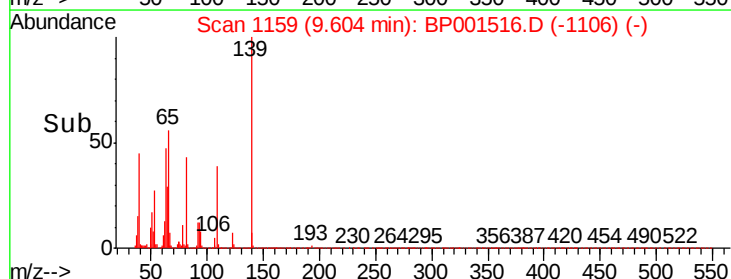
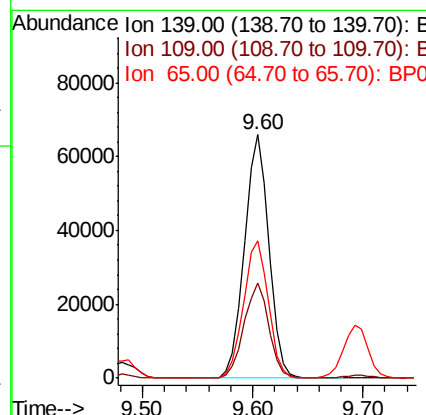
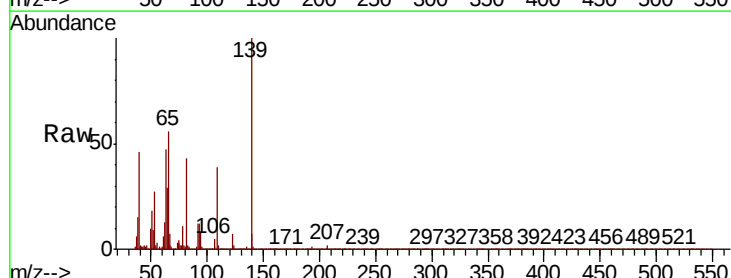
mohammad

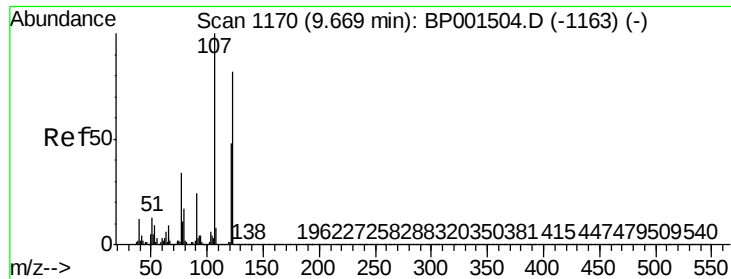
1/6/2020 11:42:45 AM



#26
2-Nitrophenol
Concen: 55.063 ng
RT: 9.60 min Scan# 1159
Delta R.T. 0.01 min
Lab File: BP001516.D
Acq: 03 Jan 2020 20:05

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	102348		
109	38.8	29.0	43.4	
65	56.5	45.6	68.4	





#27
2,4-Dimethylphenol
Concen: 54.875 ng
RT: 9.69 min Scan# 1174
Delta R.T. 0.02 min
Lab File: BP001516.D
Acq: 03 Jan 2020 20:05

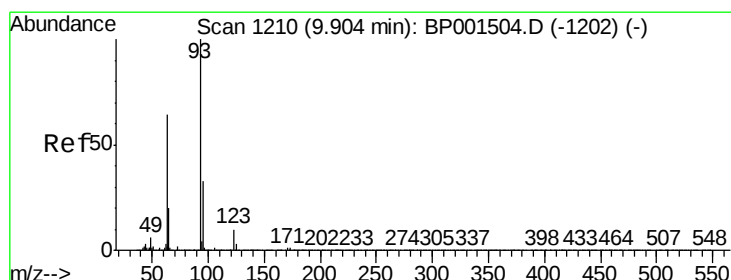
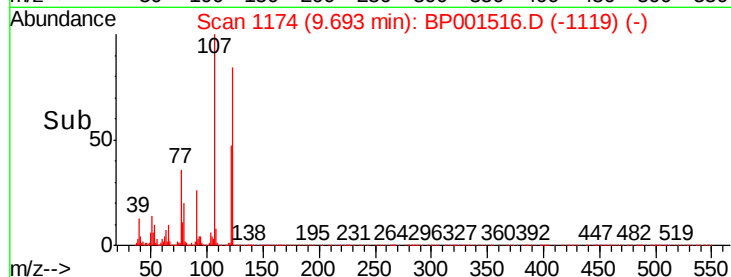
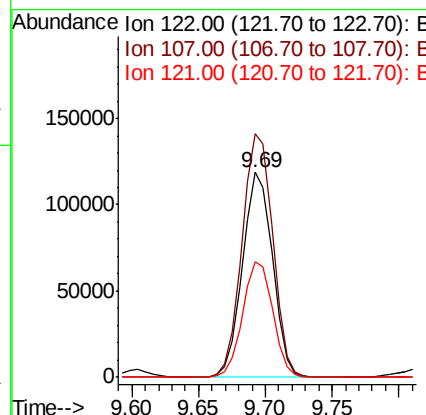
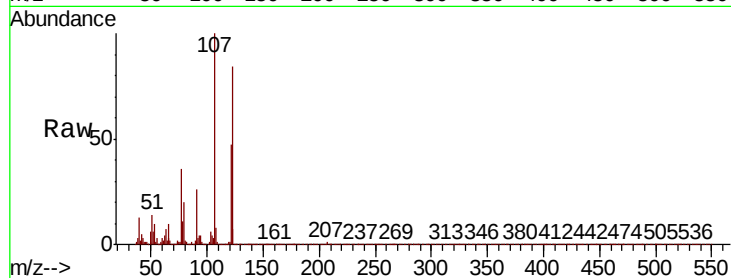
Instrument :
BNA_P
ClientSampleId :
MC-123119-0-2-COMP-B6MSD

Tot Ion	Ratio	Lower	Upper
122	100		
107	119.0	98.2	147.2
121	56.3	46.7	70.1

Manual Integrations
APPROVED

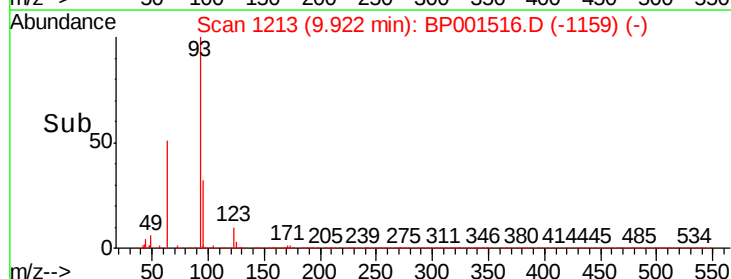
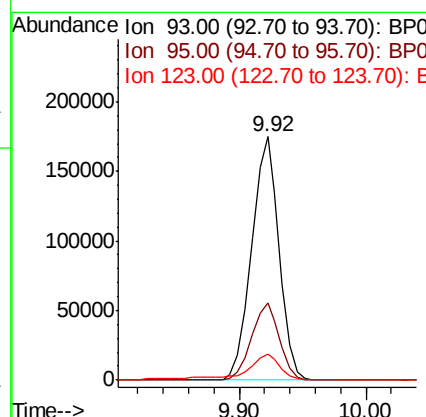
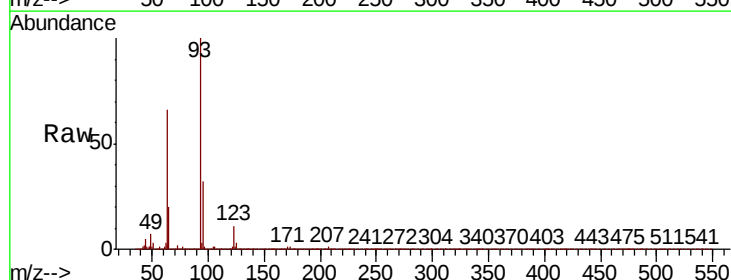
mohammad

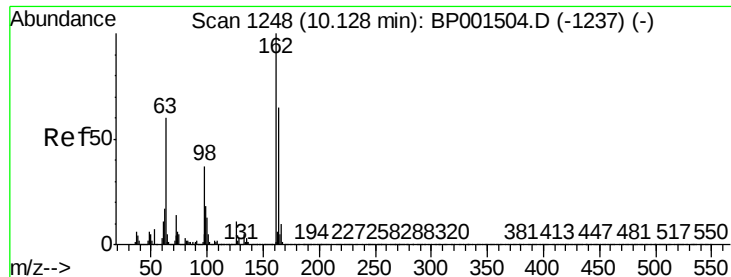
1/6/2020 11:42:45 AM



#28
bis(2-Chloroethoxy)methane
Concen: 43.114 ng
RT: 9.92 min Scan# 1213
Delta R.T. 0.02 min
Lab File: BP001516.D
Acq: 03 Jan 2020 20:05

Tgt Ion	Ratio	Lower	Upper
93	100		
95	31.5	26.1	39.1
123	10.7	8.2	12.4





#29
2,4-Dichlorophenol
Concen: 46.492 ng
RT: 10.15 min Scan# 1252
Delta R.T. 0.02 min
Lab File: BP001516.D
Acq: 03 Jan 2020 20:05

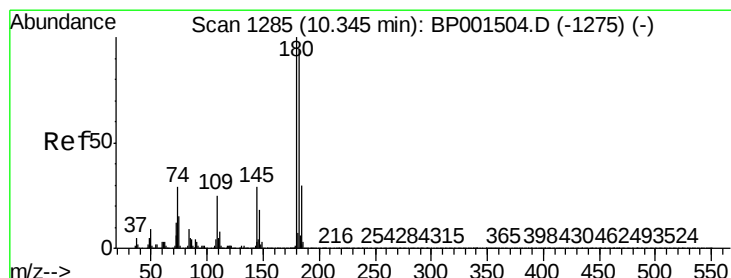
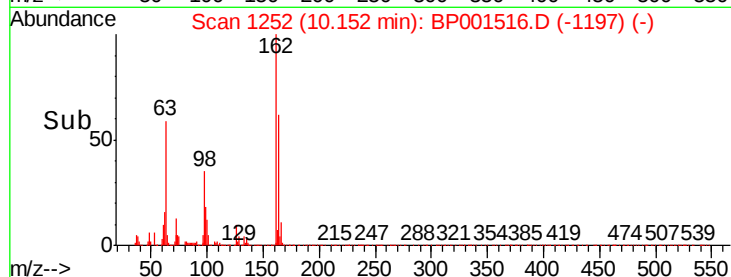
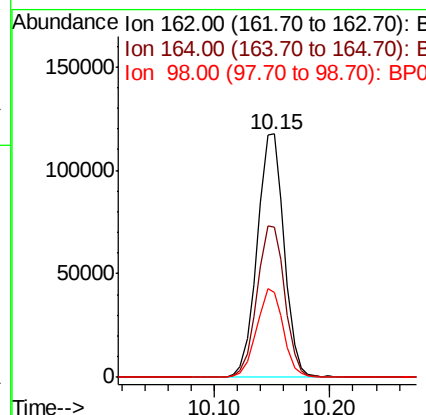
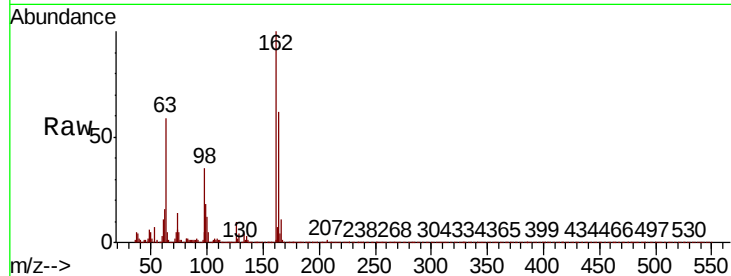
Instrument :
BNA_P
ClientSampleId :
MC-123119-0-2-COMP-B6MSD

Tot Ion	Ratio	Lower	Upper
162	100		
164	61.7	44.6	84.6
98	34.8	17.3	57.3

Manual Integrations
APPROVED

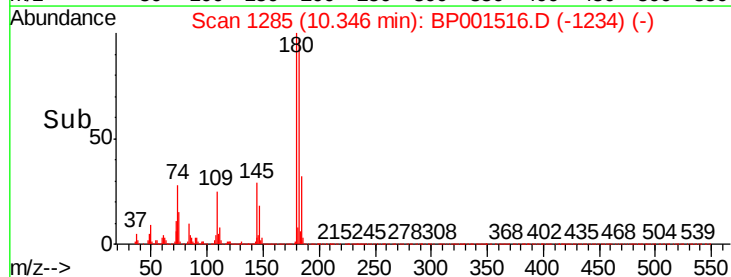
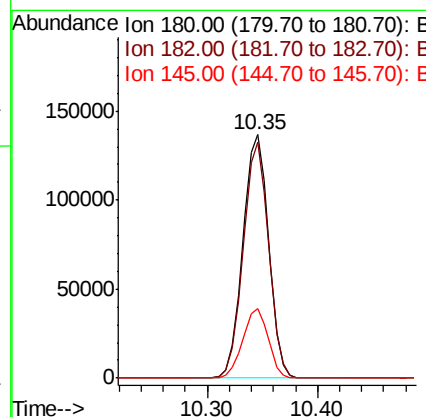
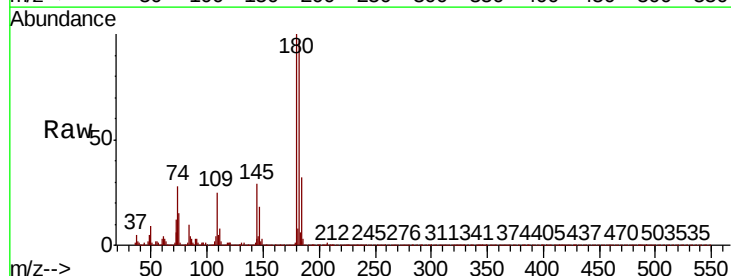
mohammad

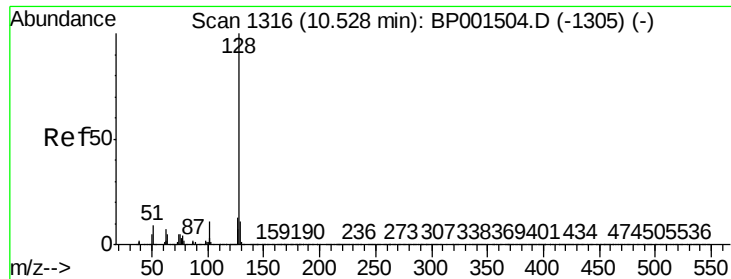
1/6/2020 11:42:45 AM



#30
1,2,4-Trichlorobenzene
Concen: 45.641 ng
RT: 10.35 min Scan# 1285
Delta R.T. 0.00 min
Lab File: BP001516.D
Acq: 03 Jan 2020 20:05

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.7	75.0	112.4
145	28.6	23.5	35.3





#31
Naphthalene
Concen: 48.228 ng
RT: 10.53 min Scan# 1316
Delta R.T. 0.00 min
Lab File: BP001516.D
Acq: 03 Jan 2020 20:05

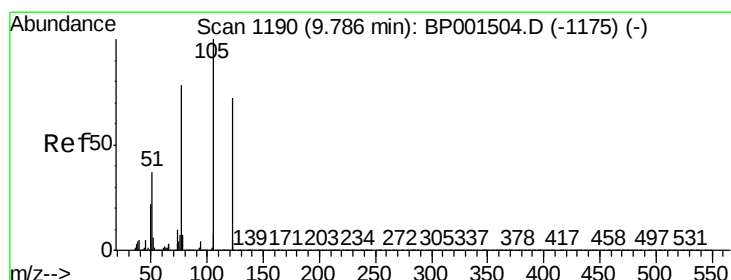
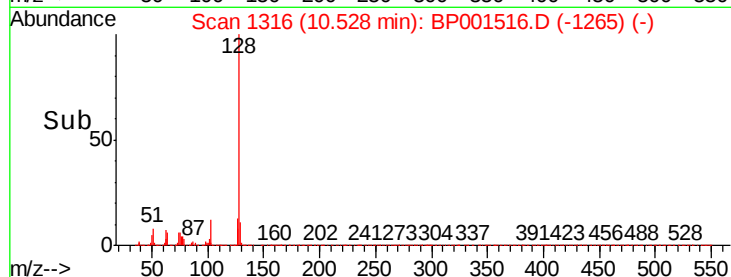
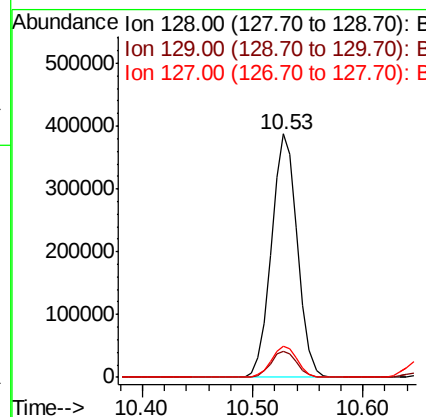
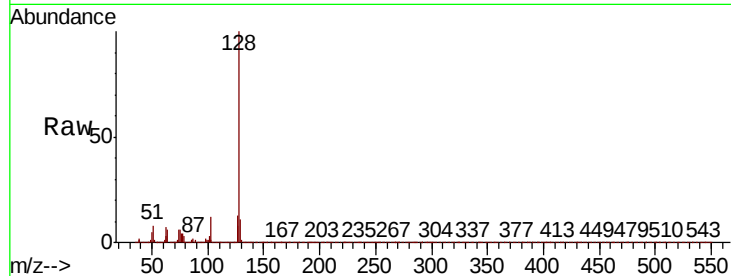
Instrument :
BNA_P
ClientSampleId :
MC-123119-0-2-COMP-B6MSD

Tot Ion	Ratio	Lower	Upper
128	100		
129	10.9	8.7	13.1
127	13.0	10.5	15.7

Manual Integrations
APPROVED

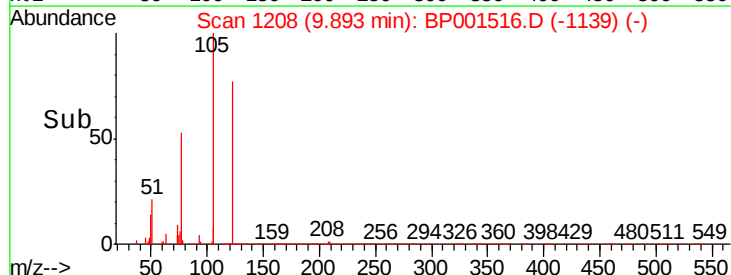
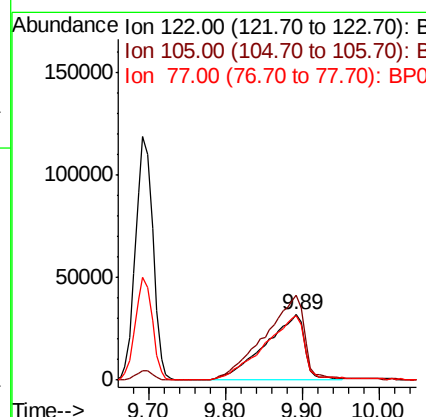
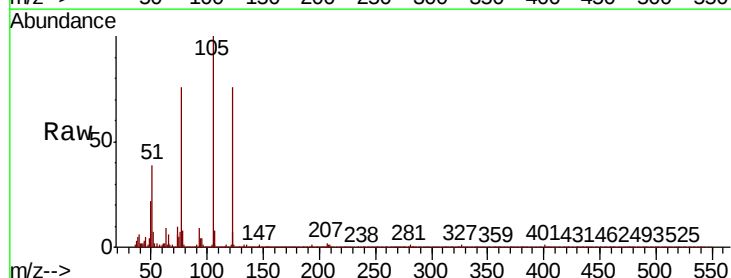
mohammad

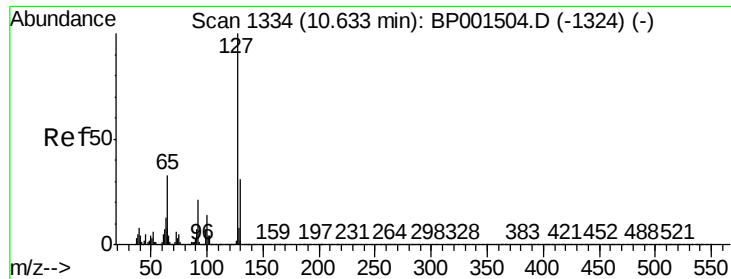
1/6/2020 11:42:45 AM



#32
Benzoic acid
Concen: 49.264 ng
RT: 9.89 min Scan# 1208
Delta R.T. 0.11 min
Lab File: BP001516.D
Acq: 03 Jan 2020 20:05

Tgt Ion	Ratio	Lower	Upper
122	100		
105	130.9	111.1	151.1
77	98.9	85.9	125.9





#33
4-Chloroaniline
Concen: 8.656 ng
RT: 10.65 min Scan# 1337
Delta R.T. 0.02 min
Lab File: BP001516.D
Acq: 03 Jan 2020 20:05

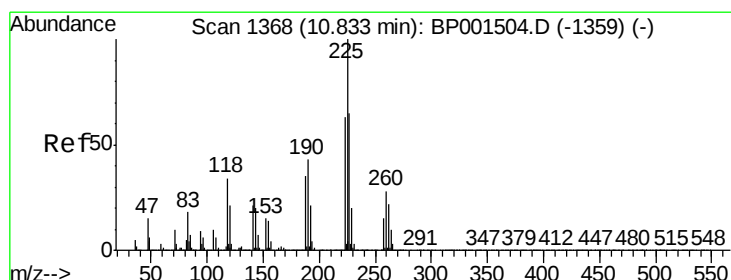
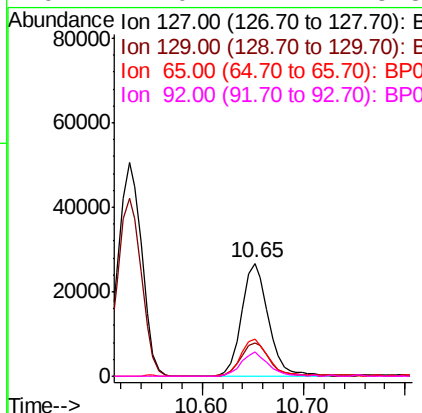
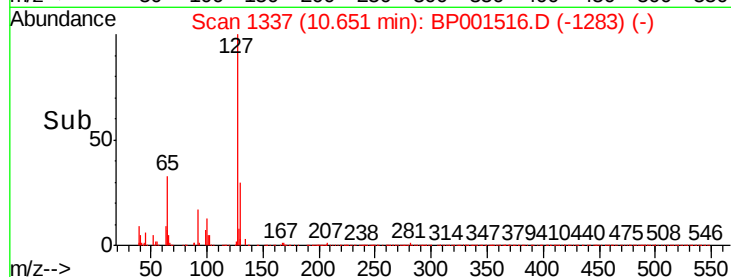
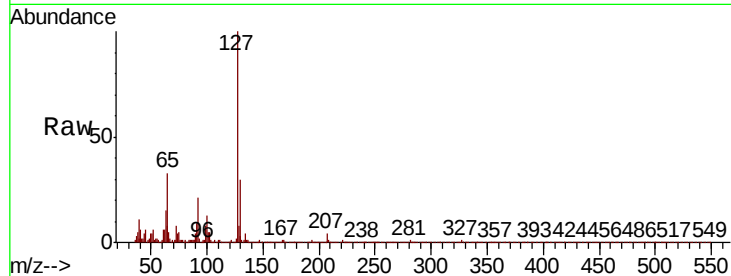
Instrument :
BNA_P
ClientSampleId :
MC-123119-0-2-COMP-B6MSD

Tot Ion	Ratio	Lower	Upper
127	100		
129	30.0	25.2	37.8
65	33.1	26.6	39.8
92	21.0	17.2	25.8

Manual Integrations
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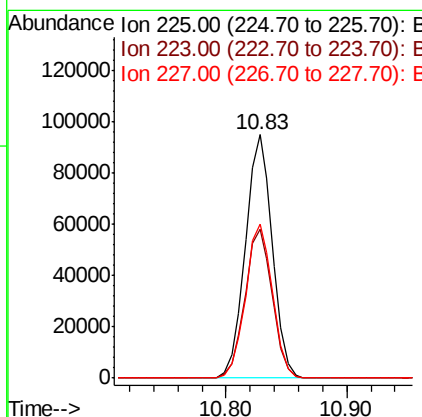
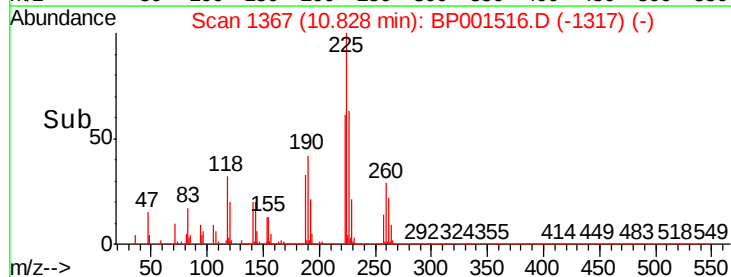
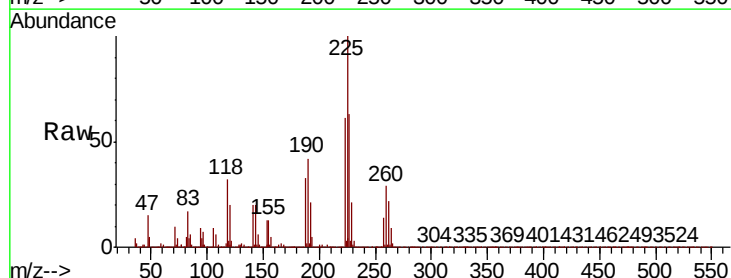
mohammad

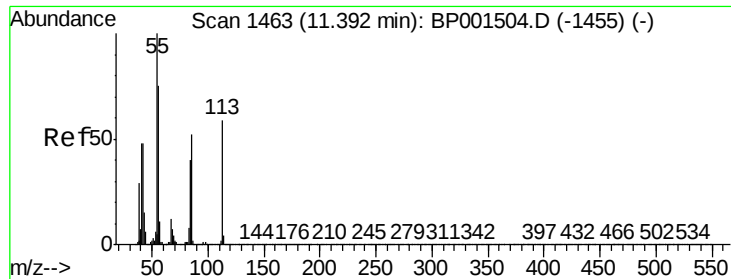
1/6/2020 11:42:45 AM



#34
Hexachlorobutadiene
Concen: 45.363 ng
RT: 10.83 min Scan# 1367
Delta R.T. -0.01 min
Lab File: BP001516.D
Acq: 03 Jan 2020 20:05

Tgt Ion	Ratio	Lower	Upper
225	100		
223	61.2	50.2	75.4
227	63.2	52.0	78.0





#35
Caprolactam
Concen: 40.255 ng/ml
RT: 11.61 min Scan# 1500
Delta R.T. 0.22 min
Lab File: BP001516.D
Acq: 03 Jan 2020 20:05

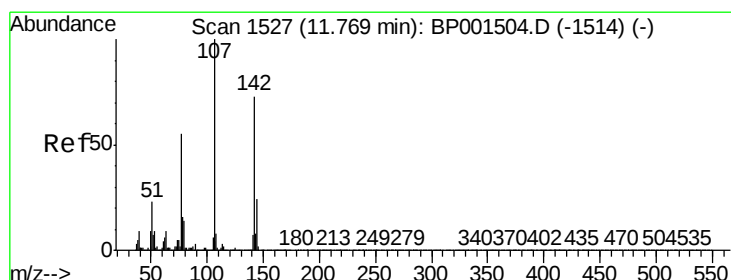
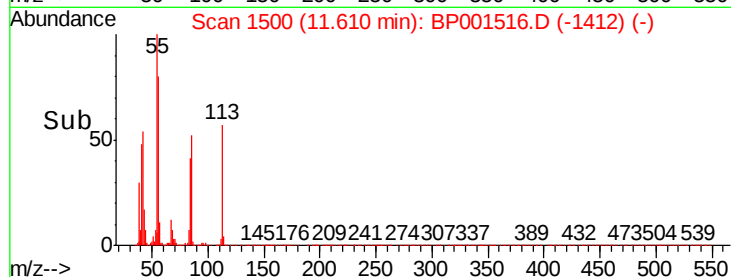
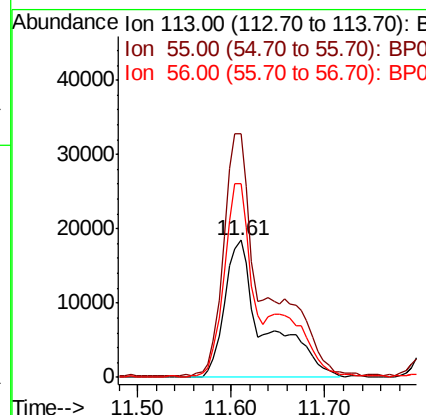
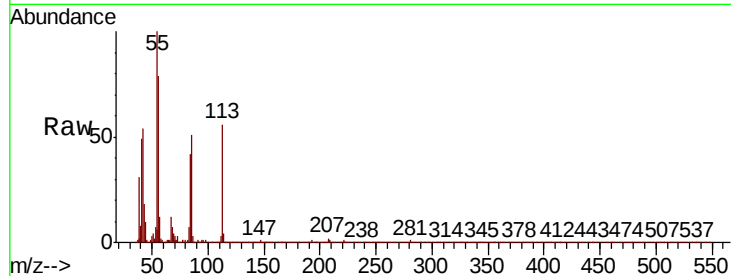
Instrument :
BNA_P
ClientSampleId :
MC-123119-0-2-COMP-B6MSD

Tot Ion	Ion	Ratio	Lower	Upper
113	100			
55	177.9	150.8	190.8	
56	141.3	107.7	147.7	

Manual Integrations
APPROVED

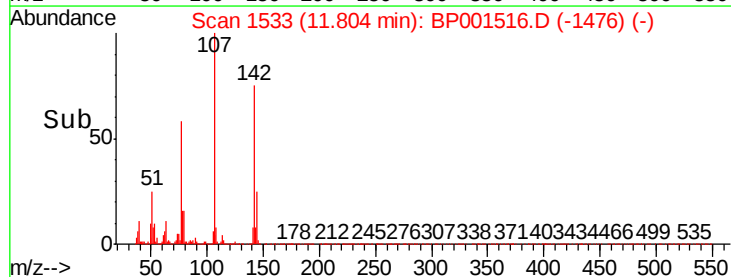
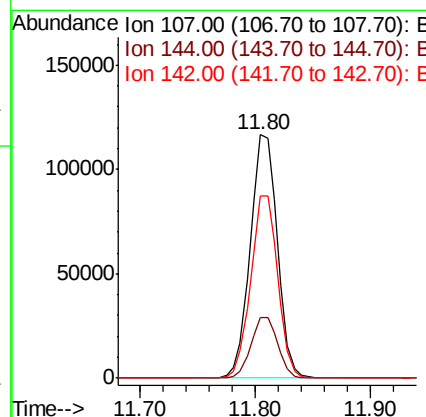
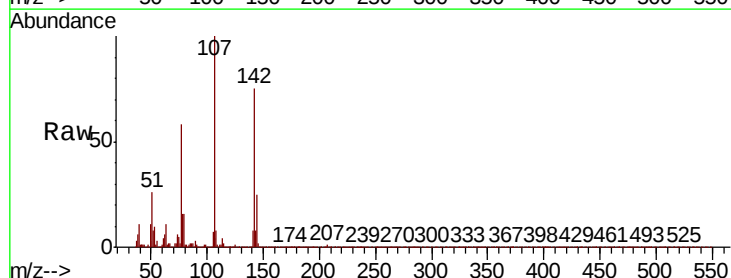
mohammad

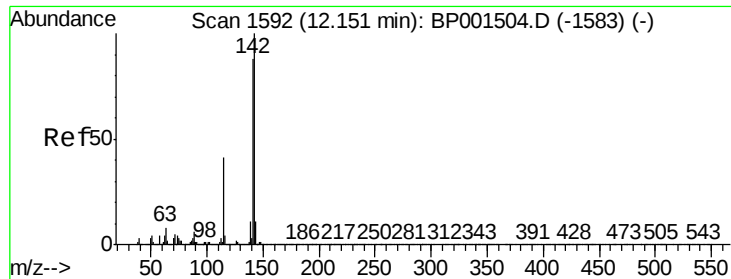
1/6/2020 11:42:45 AM



#36
4-Chloro-3-methylphenol
Concen: 42.239 ng/ml
RT: 11.80 min Scan# 1533
Delta R.T. 0.04 min
Lab File: BP001516.D
Acq: 03 Jan 2020 20:05

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
144	25.1	19.2	28.8	
142	74.8	58.4	87.6	





#37
2-Methylnaphthalene
Concen: 45.557 ng
RT: 12.15 min Scan# 1591
Delta R.T. -0.01 min
Lab File: BP001516.D
Acq: 03 Jan 2020 20:05

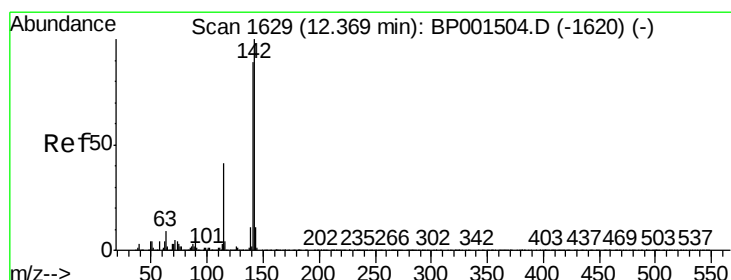
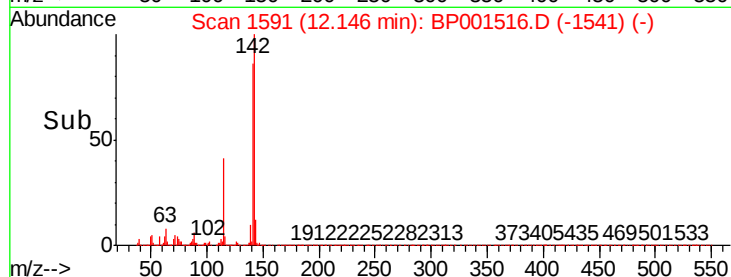
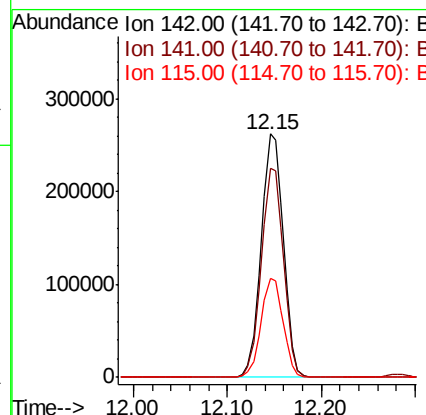
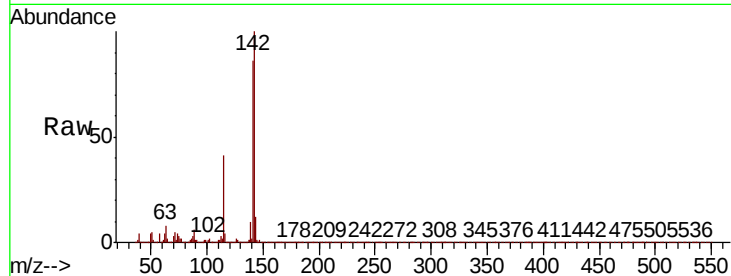
Instrument :
BNA_P
ClientSampleId :
MC-123119-0-2-COMP-B6MSD

Tot Ion	Ratio	Lower	Upper
142	100		
141	85.6	70.7	106.1
115	40.6	32.4	48.6

Manual Integrations
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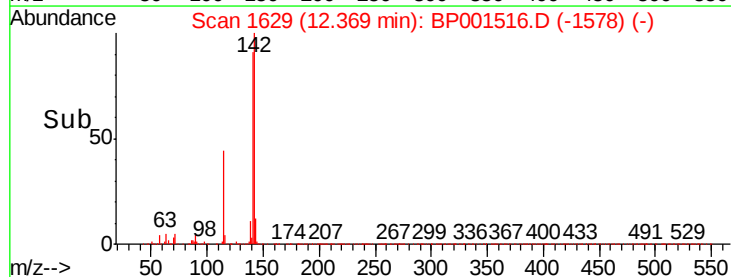
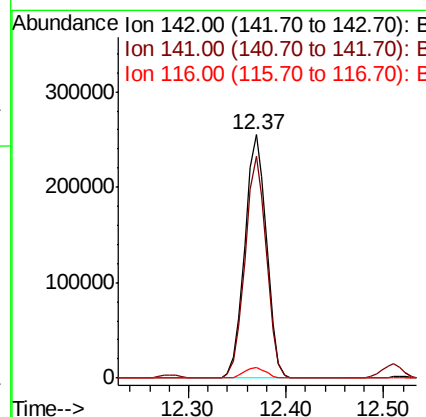
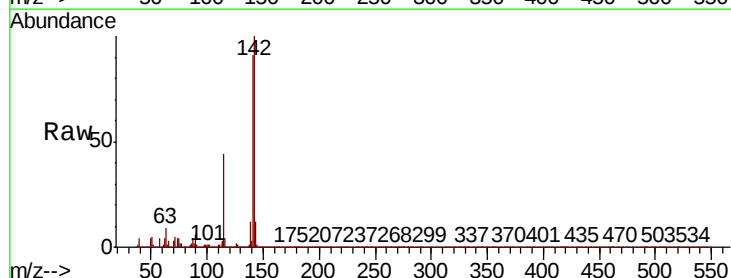
mohammad

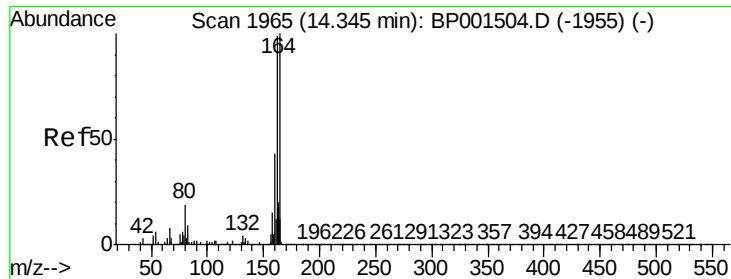
1/6/2020 11:42:45 AM



#38
1-Methylnaphthalene
Concen: 44.525 ng
RT: 12.37 min Scan# 1629
Delta R.T. 0.00 min
Lab File: BP001516.D
Acq: 03 Jan 2020 20:05

Tgt Ion	Ratio	Lower	Upper
142	100		
141	91.1	71.4	107.0
116	4.4	3.4	5.0





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.34 min Scan# 1964
Delta R.T. -0.01 min
Lab File: BP001516.D
Acq: 03 Jan 2020 20:05

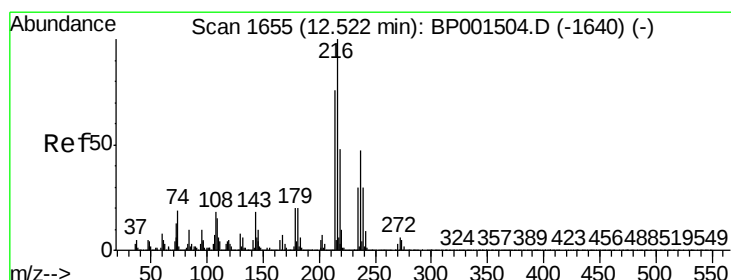
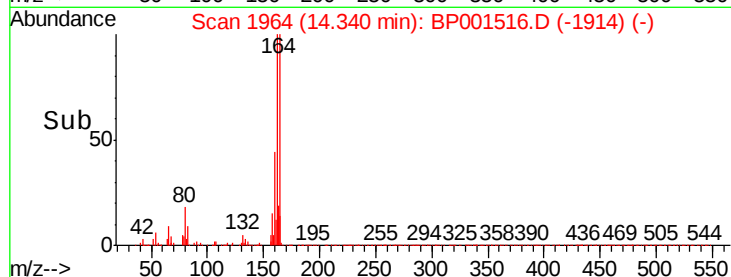
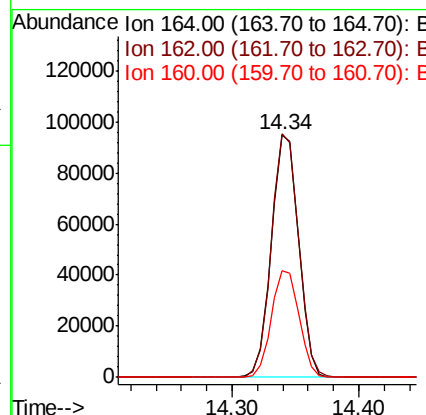
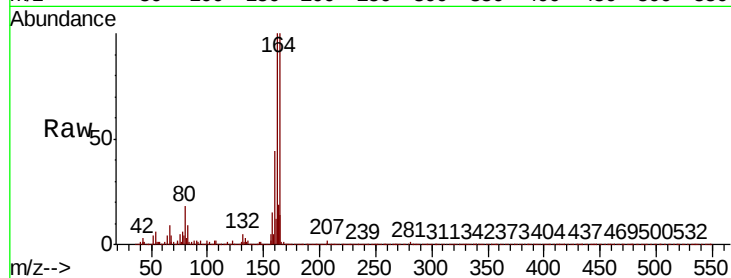
Instrument :
BNA_P
ClientSampleId :
MC-123119-0-2-COMP-B6MSD

Tot Ion	Ratio	Lower	Upper
164	100		
162	100.3	79.2	118.8
160	44.1	34.6	52.0

Manual Integrations
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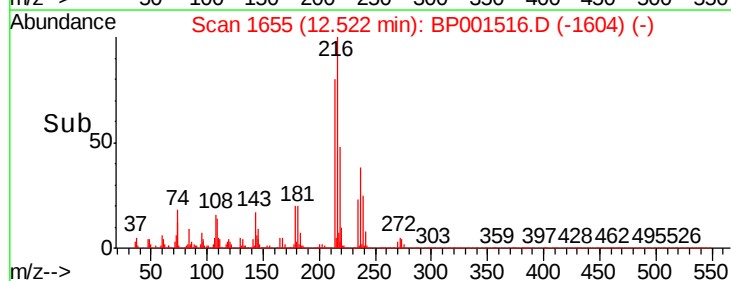
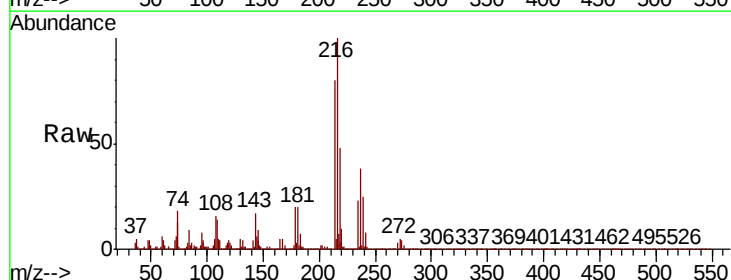
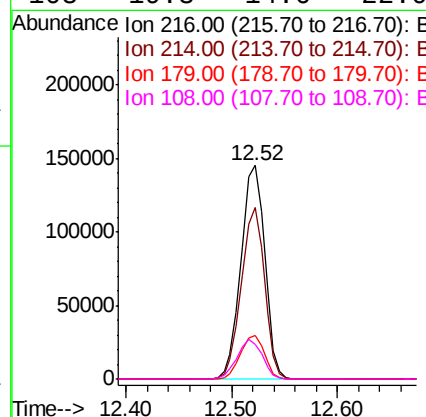
mohammad

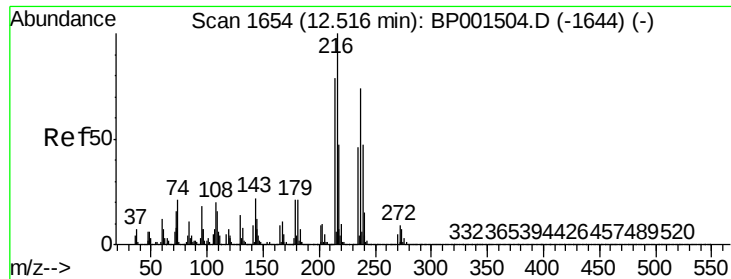
1/6/2020 11:42:45 AM



#40
1,2,4,5-Tetrachlorobenzene
Concen: 47.599 ng
RT: 12.52 min Scan# 1655
Delta R.T. 0.00 min
Lab File: BP001516.D
Acq: 03 Jan 2020 20:05

Tgt Ion	Ratio	Lower	Upper
216	100		
214	78.0	61.5	92.3
179	20.9	16.6	24.8
108	19.3	14.6	22.0





#41

Hexachlorocyclopentadiene

Concen: 77.655 ng

RT: 12.51 min Scan# 1653

Delta R.T. -0.01 min

Lab File: BP001516.D

Acq: 03 Jan 2020 20:05

Instrument :

BNA_P

ClientSampleId :

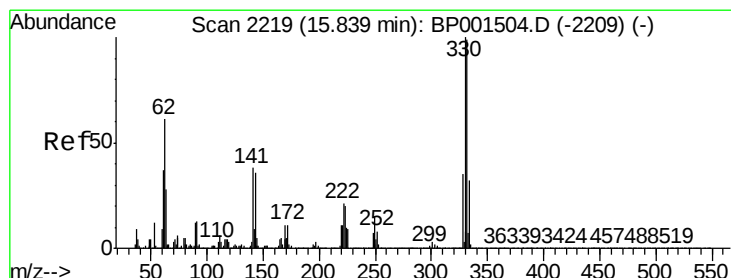
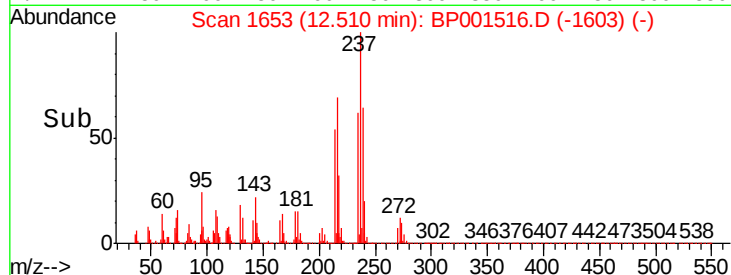
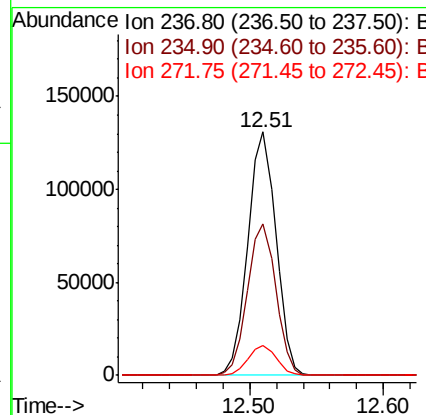
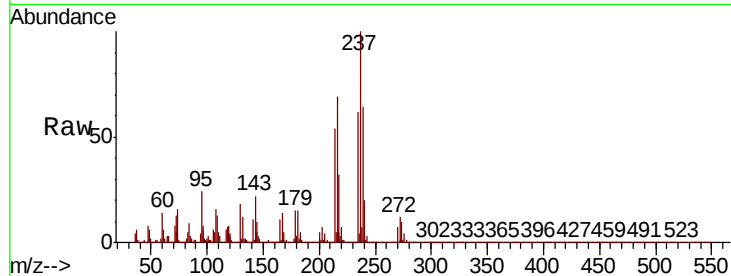
MC-123119-0-2-COMP-B6MSD

Tot Ion:	237	Resp:	189846
Ion Ratio	Lower	Upper	
237	100		
235	62.4	42.6	82.6
272	12.4	0.0	32.6

Manual Integrations
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mohammad

1/6/2020 11:42:45 AM



#42

2,4,6-Tribromophenol

Concen: 79.346 ng

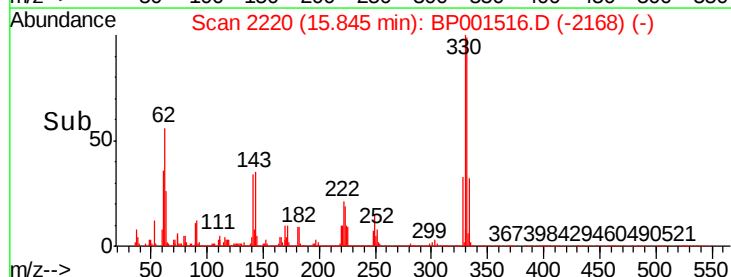
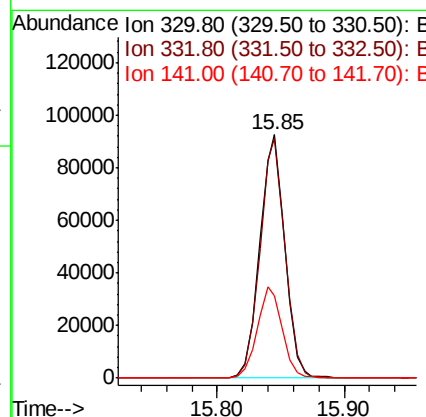
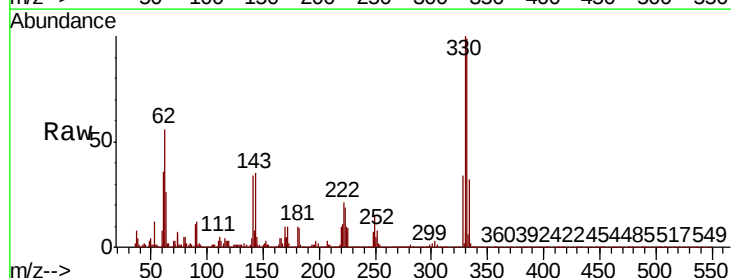
RT: 15.85 min Scan# 2220

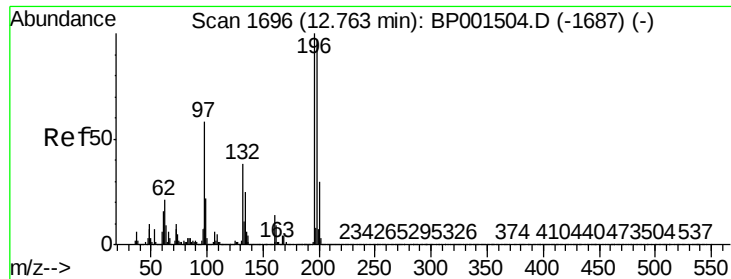
Delta R.T. 0.01 min

Lab File: BP001516.D

Acq: 03 Jan 2020 20:05

Tgt Ion:	330	Resp:	127384
Ion Ratio	Lower	Upper	
330	100		
332	98.4	78.2	117.2
141	37.4	30.3	45.5





#43
2,4,6-Trichlorophenol
Concen: 50.334 ng
RT: 12.77 min Scan# 1698
Delta R.T. 0.01 min
Lab File: BP001516.D
Acq: 03 Jan 2020 20:05

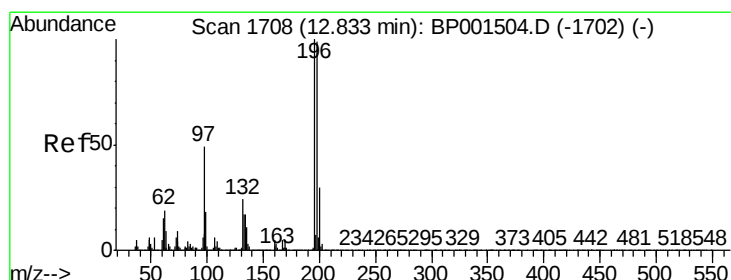
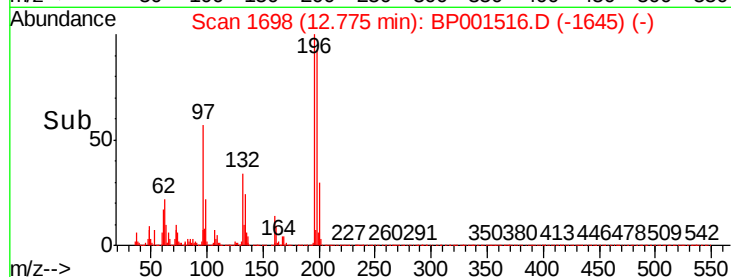
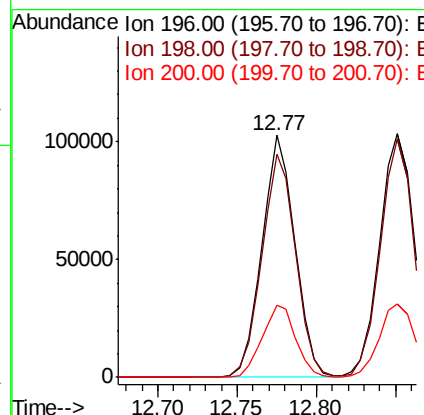
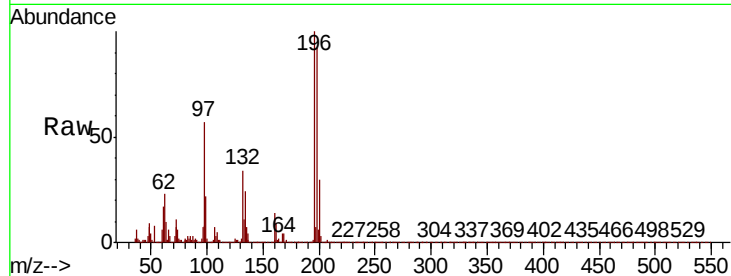
Instrument :
BNA_P
ClientSampleId :
MC-123119-0-2-COMP-B6MSD

Tot Ion	Ratio	Resp	Lower	Upper
196	100	149225		
198	92.3	77.4	116.2	
200	29.9	24.2	36.2	

Manual Integrations
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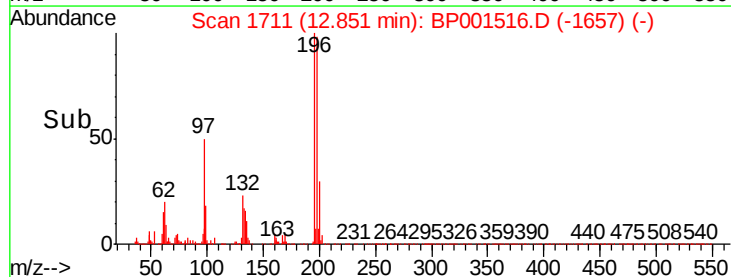
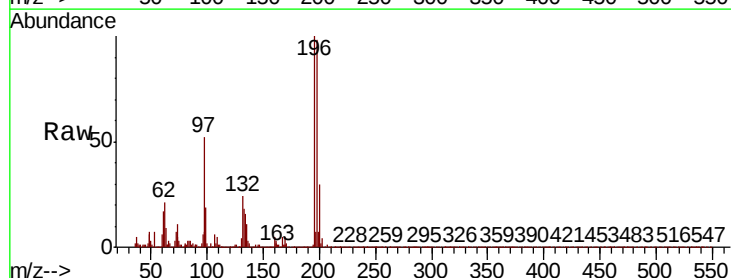
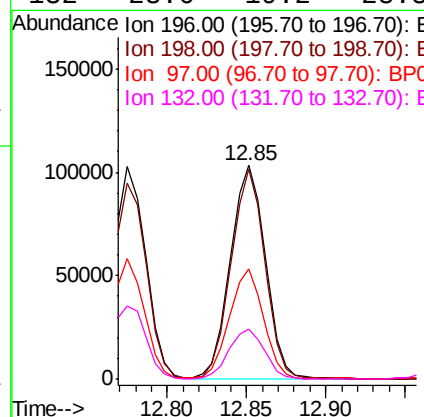
mohammad

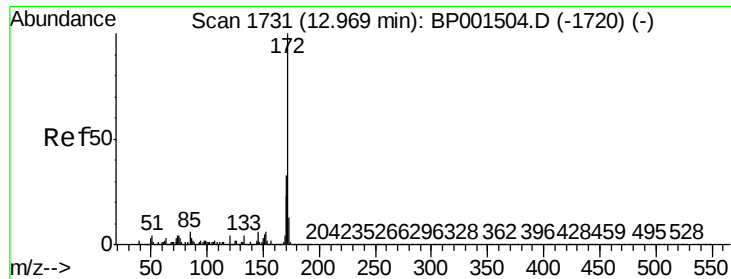
1/6/2020 11:42:45 AM



#44
2,4,5-Trichlorophenol
Concen: 50.947 ng
RT: 12.85 min Scan# 1711
Delta R.T. 0.02 min
Lab File: BP001516.D
Acq: 03 Jan 2020 20:05

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	157108		
198	98.1	79.5	119.3	
97	51.7	39.3	58.9	
132	23.6	19.2	28.8	





#45
2-Fluorobiphenyl
Concen: 52.578 ng
RT: 12.96 min Scan# 1730
Delta R.T. -0.01 min
Lab File: BP001516.D
Acq: 03 Jan 2020 20:05

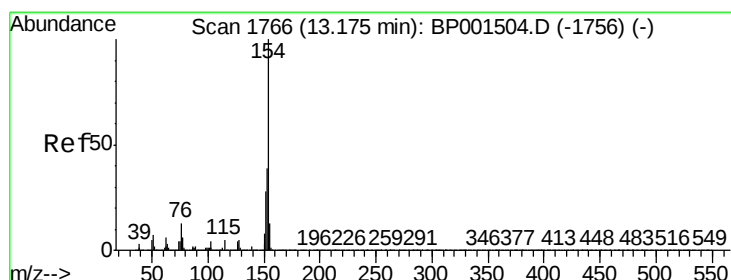
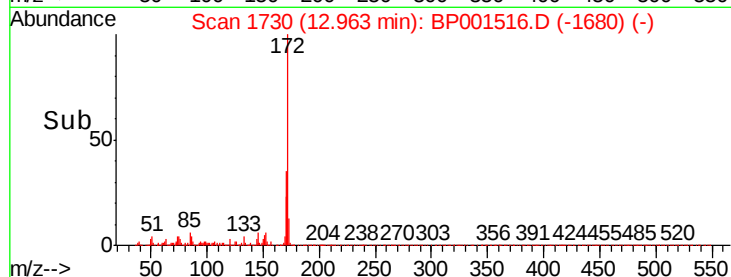
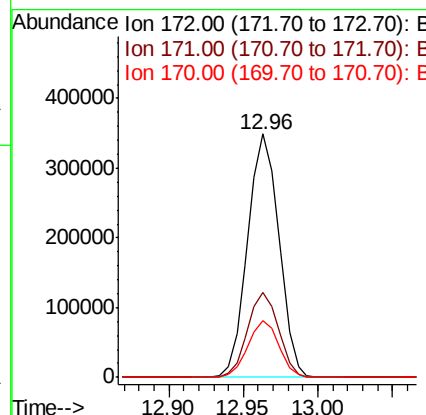
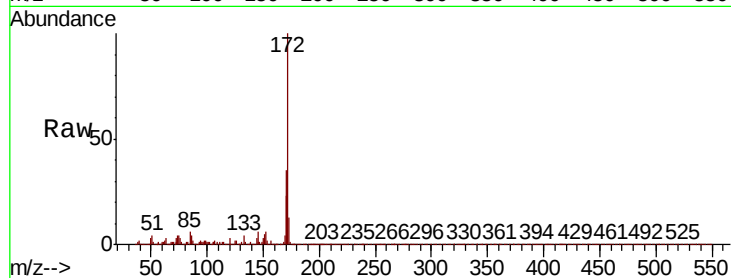
Instrument :
BNA_P
ClientSampleId :
MC-123119-0-2-COMP-B6MSD

Tot Ion:	172	Resp:	507225
Ion Ratio	Lower	Upper	
172	100		
171	34.8	26.7	40.1
170	23.4	18.7	28.1

Manual Integrations
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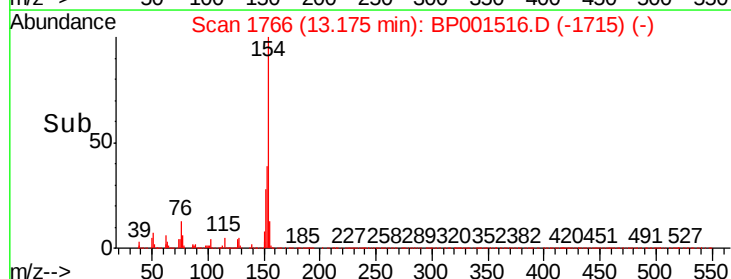
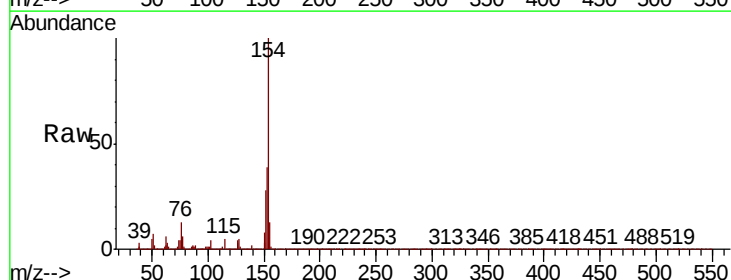
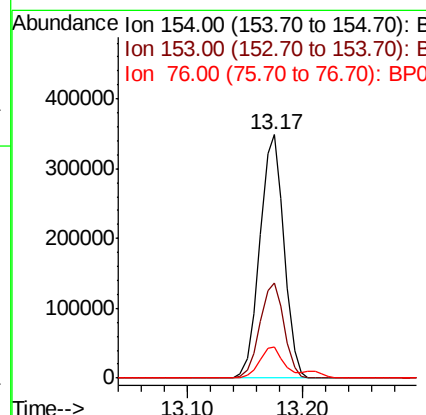
mohammad

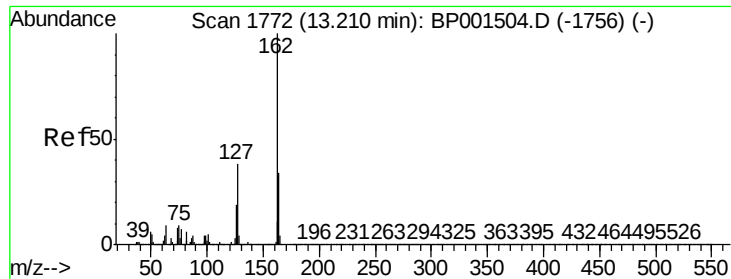
1/6/2020 11:42:45 AM



#46
1,1'-Biphenyl
Concen: 47.383 ng
RT: 13.17 min Scan# 1766
Delta R.T. 0.00 min
Lab File: BP001516.D
Acq: 03 Jan 2020 20:05

Tgt Ion:	154	Resp:	508008
Ion Ratio	Lower	Upper	
154	100		
153	38.9	19.1	59.1
76	12.6	0.0	33.0





#47

2-Chloronaphthalene

Concen: 45.758 ng

RT: 13.20 min Scan# 1771

Delta R.T. -0.01 min

Lab File: BP001516.D

Acq: 03 Jan 2020 20:05

Instrument :

BNA_P

ClientSampleId :

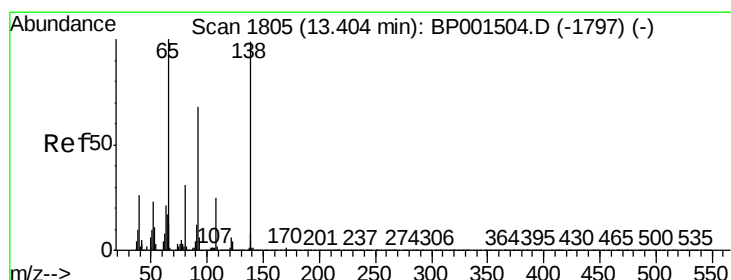
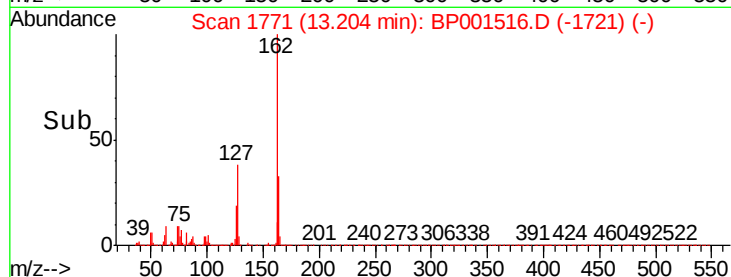
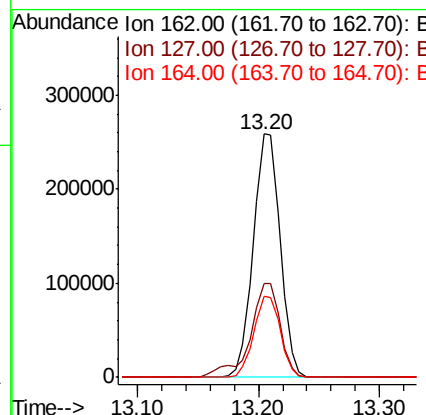
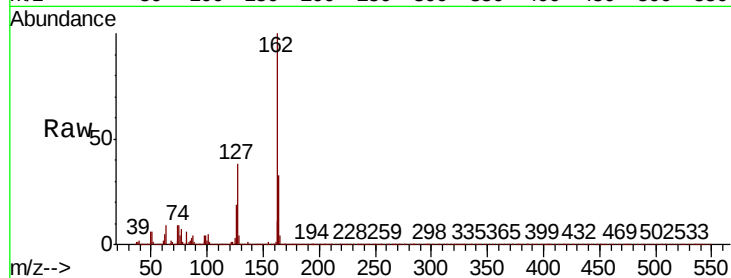
MC-123119-0-2-COMP-B6MSD

Tot Ion:	162	Resp:	402907
Ion Ratio	Lower	Upper	
162	100		
127	38.4	30.2	45.2
164	33.3	26.8	40.2

Manual Integrations
APPROVED

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#48

2-Nitroaniline

Concen: 45.373 ng

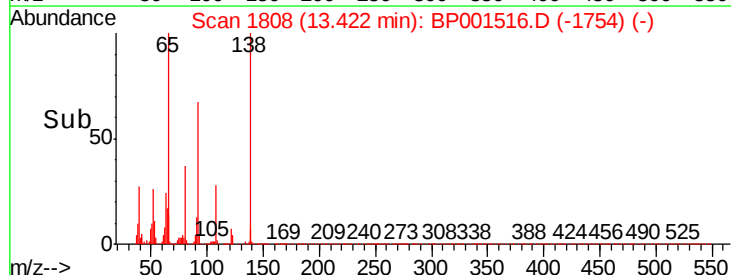
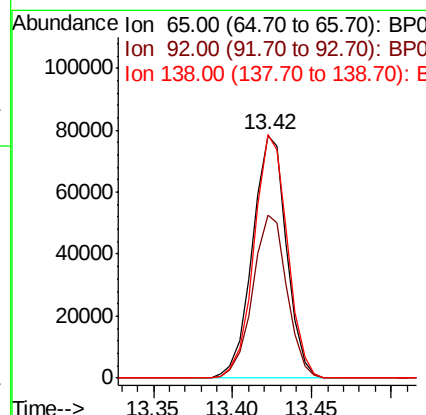
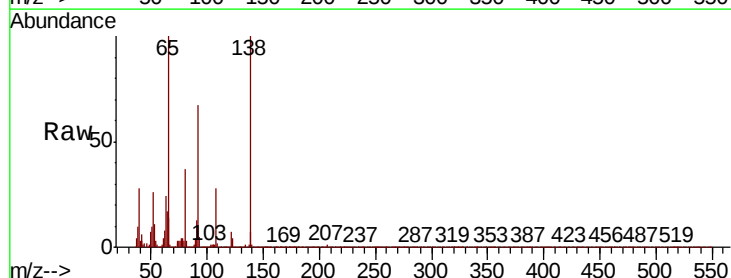
RT: 13.42 min Scan# 1808

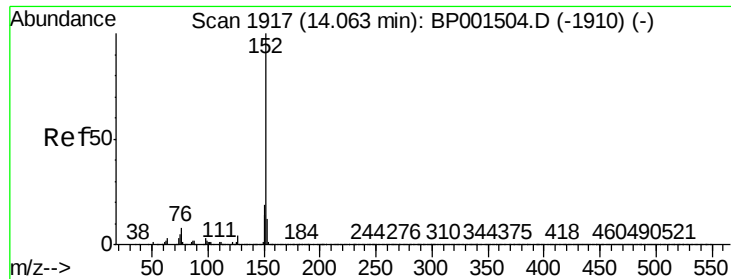
Delta R.T. 0.02 min

Lab File: BP001516.D

Acq: 03 Jan 2020 20:05

Tgt Ion:	65	Resp:	116708
Ion Ratio	Lower	Upper	
65	100		
92	67.2	54.2	81.4
138	100.2	79.0	118.4





#49

Acenaphthylene

Concen: 47.817 ng

RT: 14.06 min Scan# 1916

Delta R.T. -0.01 min

Lab File: BP001516.D

Acq: 03 Jan 2020 20:05

Instrument :

BNA_P

ClientSampleId :

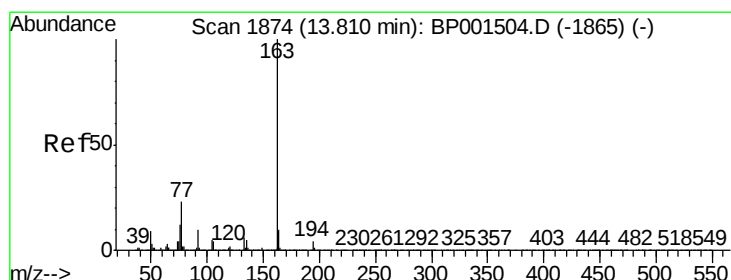
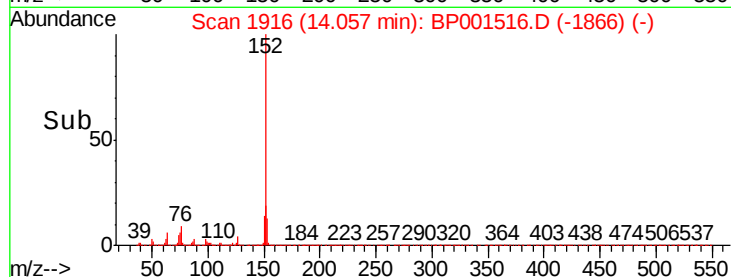
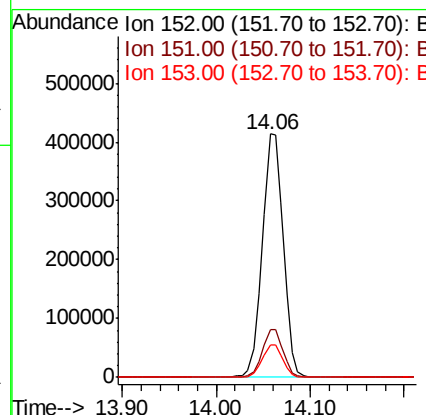
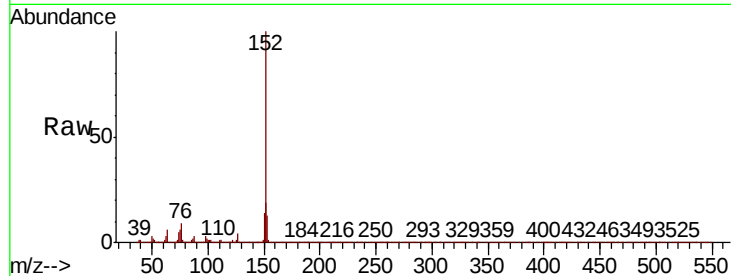
MC-123119-0-2-COMP-B6MSD

Tot Ion:	152	Resp:	638582
Ion Ratio	Lower	Upper	
152	100		
151	19.4	15.2	22.8
153	13.1	9.9	14.9

Manual Integrations
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#50

Dimethylphthalate

Concen: 45.896 ng

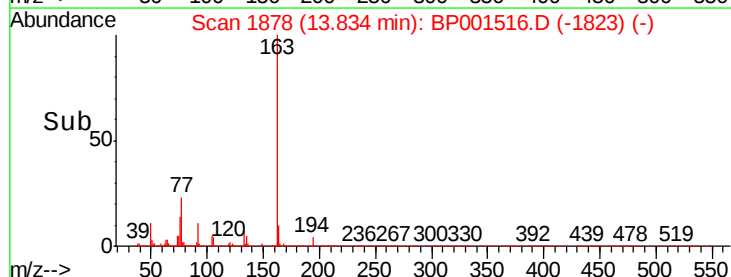
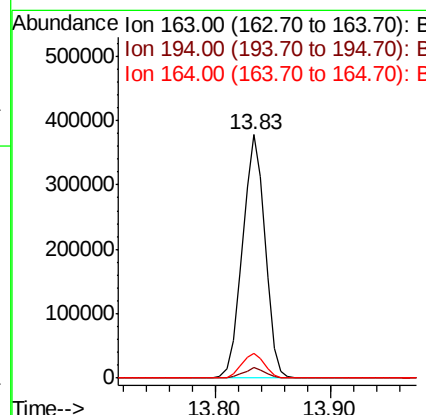
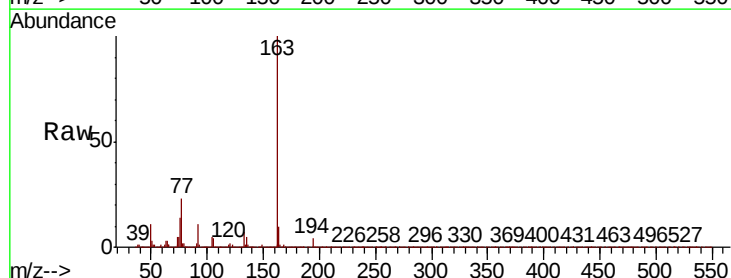
RT: 13.83 min Scan# 1878

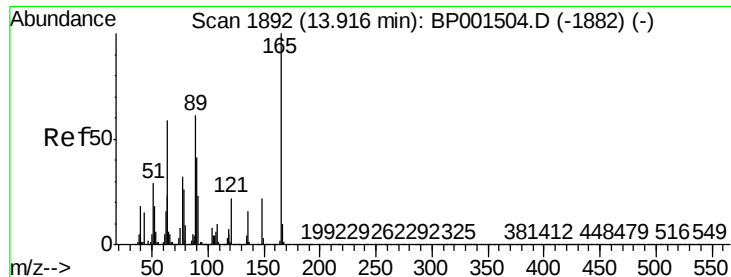
Delta R.T. 0.02 min

Lab File: BP001516.D

Acq: 03 Jan 2020 20:05

Tgt Ion:	163	Resp:	508906
Ion Ratio	Lower	Upper	
163	100		
194	4.2	3.4	5.0
164	10.2	8.1	12.1





#51
2,6-Dinitrotoluene
Concen: 46.791 ng
RT: 13.93 min Scan# 1894
Delta R.T. 0.01 min
Lab File: BP001516.D
Acq: 03 Jan 2020 20:05

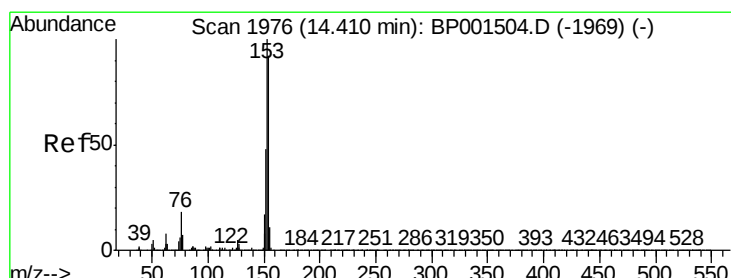
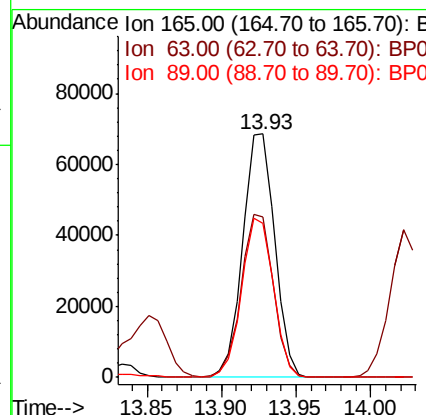
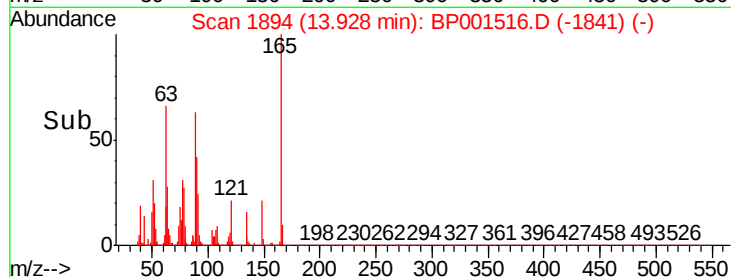
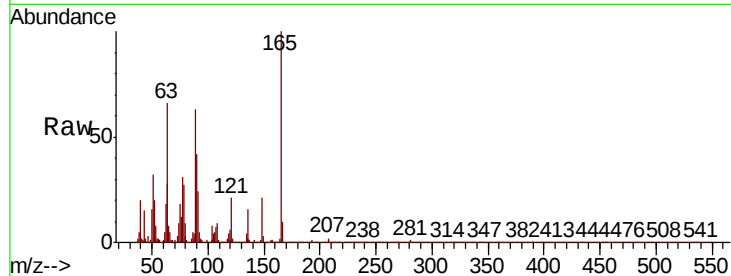
Instrument :
BNA_P
ClientSampleId :
MC-123119-0-2-COMP-B6MSD

Tot Ion	Ratio	Lower	Upper
165	100		
63	65.7	50.0	75.0
89	63.4	49.2	73.8

Manual Integrations
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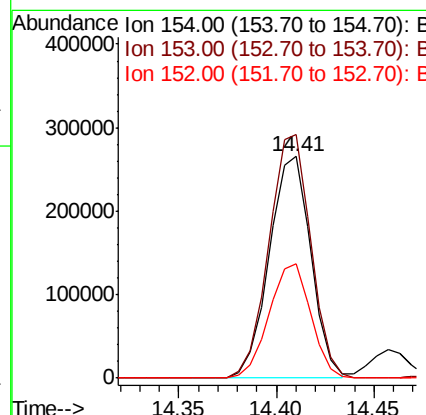
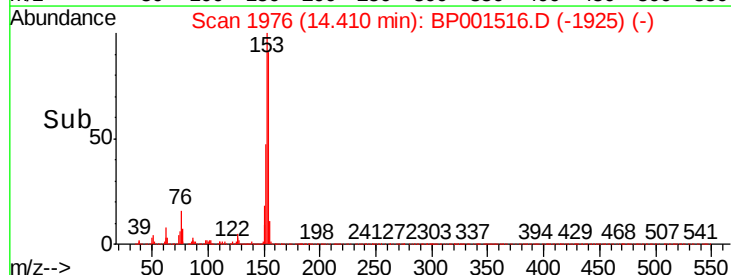
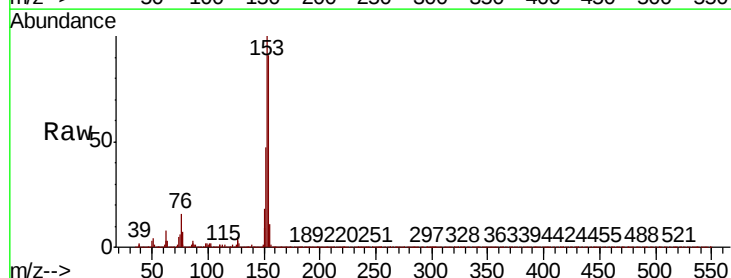
mohammad

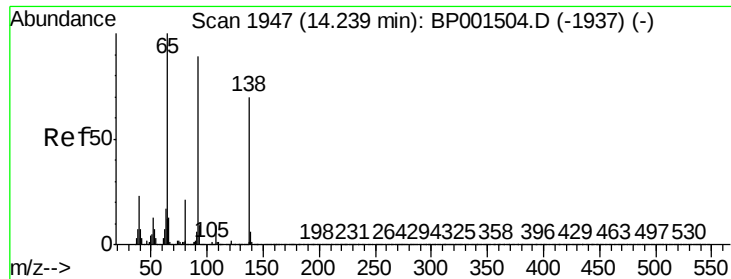
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#52
Acenaphthene
Concen: 46.808 ng
RT: 14.41 min Scan# 1976
Delta R.T. 0.00 min
Lab File: BP001516.D
Acq: 03 Jan 2020 20:05

Tgt Ion	Ratio	Lower	Upper
154	100		
153	109.9	87.3	130.9
152	51.5	41.5	62.3





#53
3-Nitroaniline
Concen: 14.399 ng
RT: 14.26 min Scan# 1950
Delta R.T. 0.02 min
Lab File: BP001516.D
Acq: 03 Jan 2020 20:05

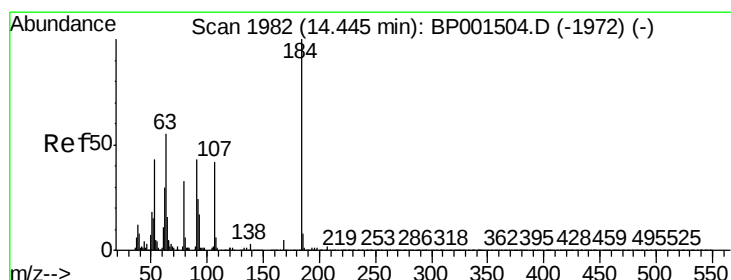
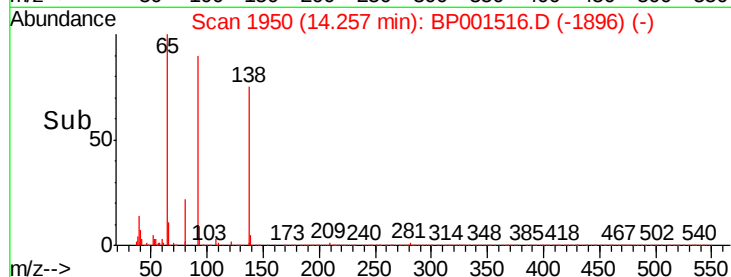
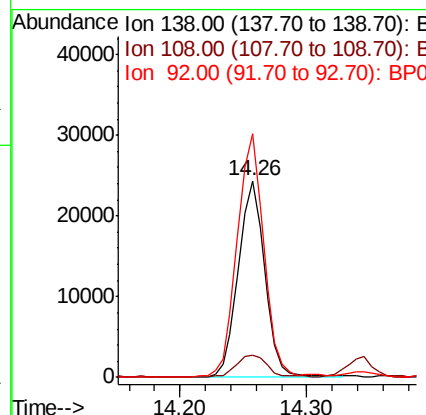
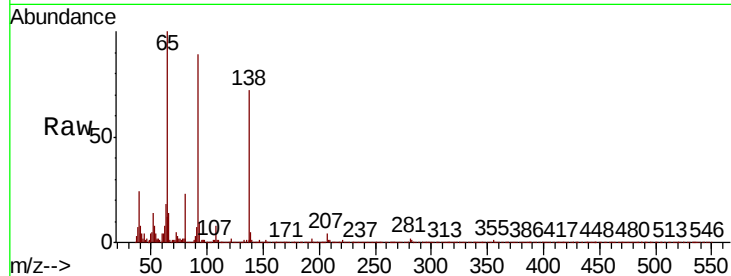
Instrument :
BNA_P
ClientSampleId :
MC-123119-0-2-COMP-B6MSD

Tot Ion	Ratio	Lower	Upper
138	100		
108	11.6	10.8	16.2
92	124.0	102.3	153.5

Manual Integrations
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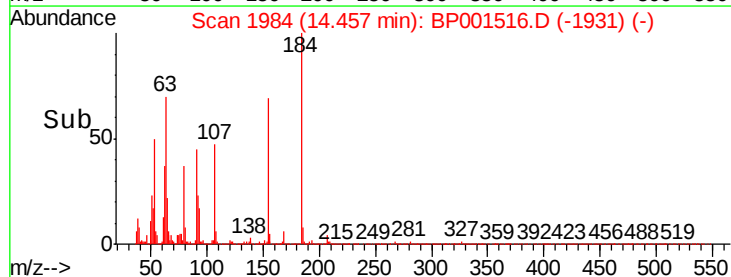
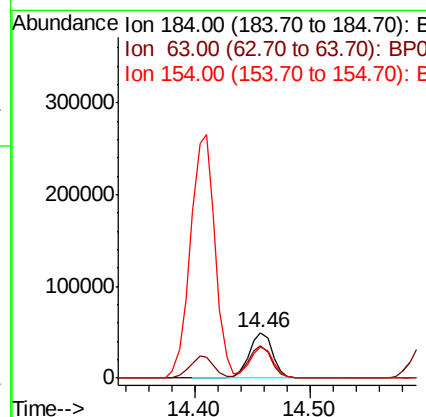
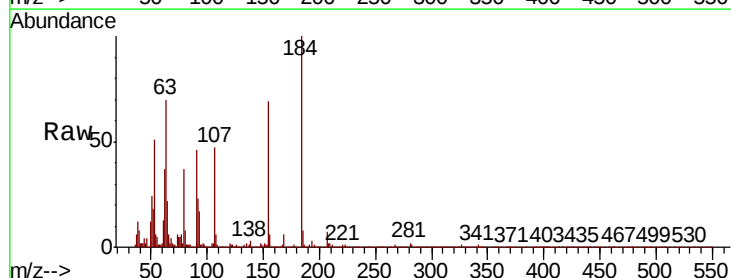
mohammad

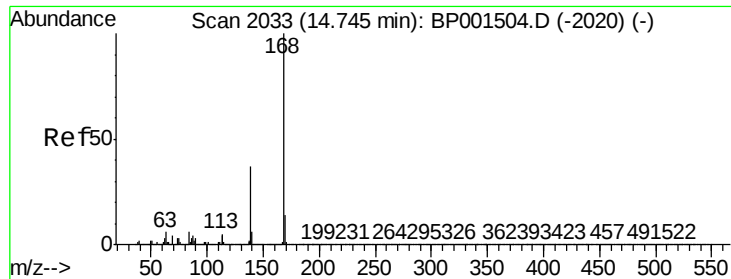
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#54
2,4-Dinitrophenol
Concen: 77.508 ng
RT: 14.46 min Scan# 1984
Delta R.T. 0.01 min
Lab File: BP001516.D
Acq: 03 Jan 2020 20:05

Tgt Ion	Ratio	Lower	Upper
184	100		
63	70.0	50.0	75.0
154	68.9	49.2	73.8





#55
Dibenzofuran
Concen: 48.487 ng
RT: 14.75 min Scan# 2033
Delta R.T. 0.00 min
Lab File: BP001516.D
Acq: 03 Jan 2020 20:05

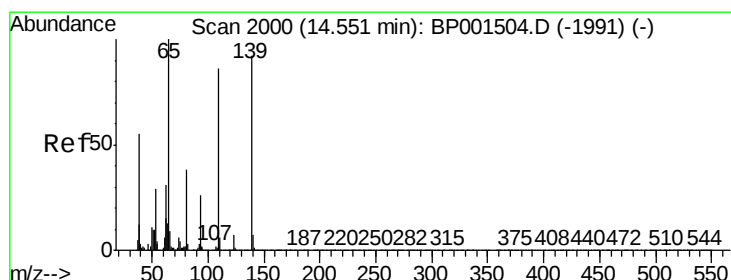
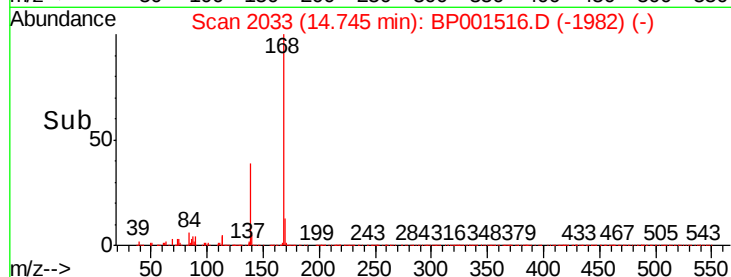
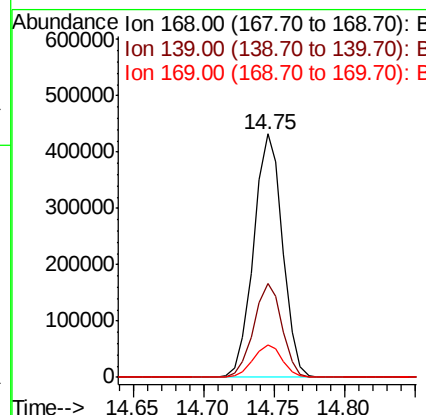
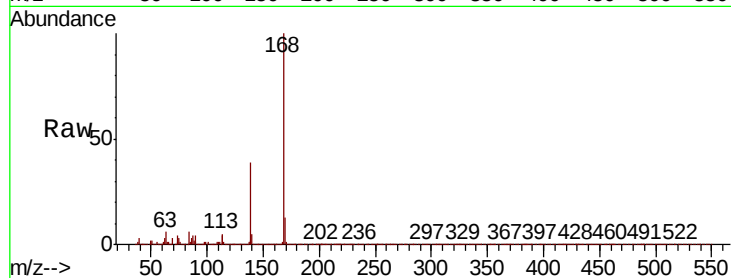
Instrument :
BNA_P
ClientSampleId :
MC-123119-0-2-COMP-B6MSD

Tot Ion	Ratio	Lower	Upper
168	100		
139	38.8	29.8	44.6
169	13.3	10.9	16.3

Manual Integrations
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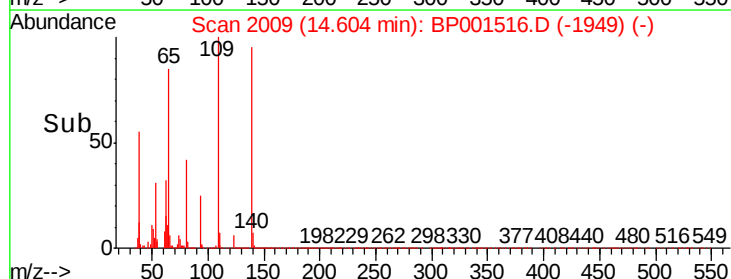
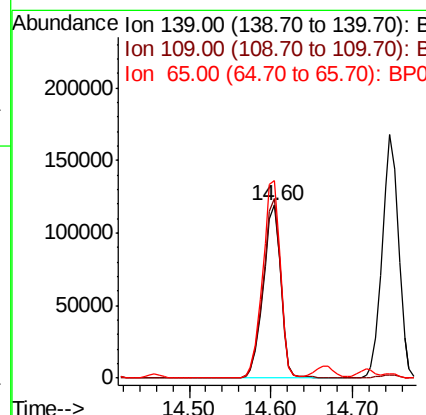
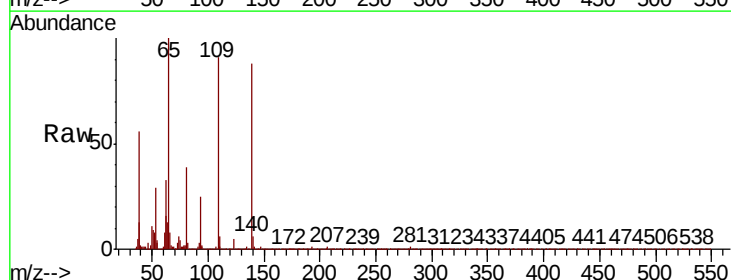
mohammad

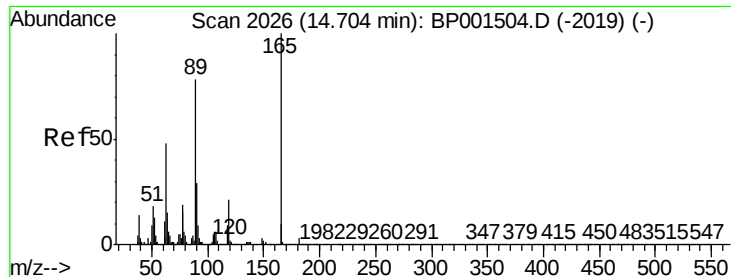
1/6/2020 11:42:45 AM



#56
4-Nitrophenol
Concen: 97.781 ng
RT: 14.60 min Scan# 2009
Delta R.T. 0.05 min
Lab File: BP001516.D
Acq: 03 Jan 2020 20:05

Tgt Ion	Ratio	Lower	Upper
139	100		
109	103.7	72.8	112.8
65	114.2	88.5	128.5





#57

2,4-Dinitrotoluene

Concen: 47.553 ng

RT: 14.72 min Scan# 2028

Delta R.T. 0.01 min

Lab File: BP001516.D

Acq: 03 Jan 2020 20:05

Instrument :

BNA_P

ClientSampleId :

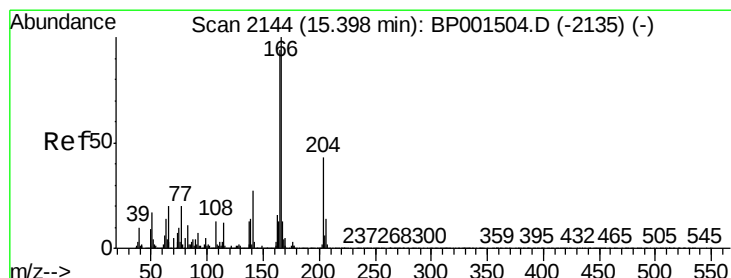
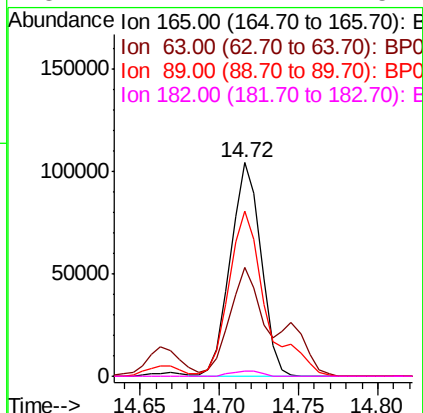
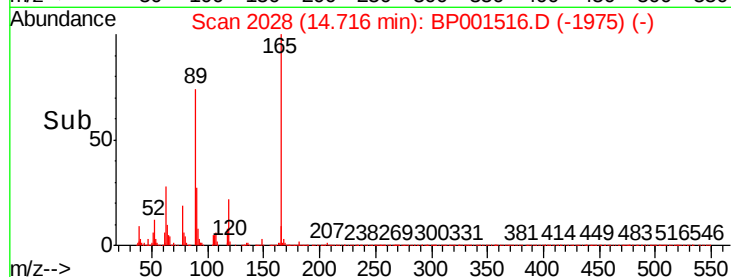
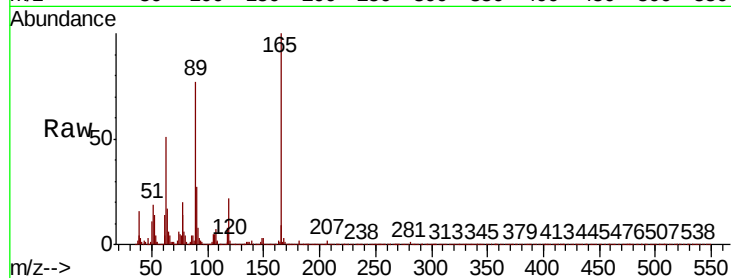
MC-123119-0-2-COMP-B6MSD

Tot Ion:	165	Resp:	139803
Ion Ratio	Lower	Upper	
165	100		
63	51.2	38.9	58.3
89	77.4	62.2	93.2
182	2.4	2.2	3.2

Manual Integrations
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#58

Fluorene

Concen: 49.007 ng

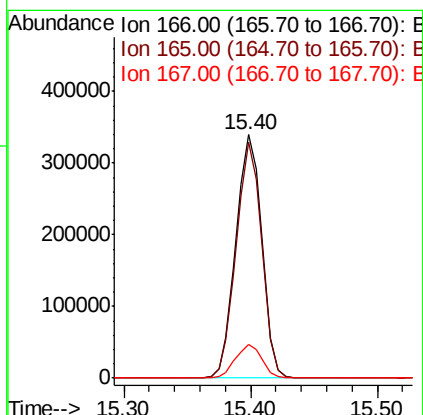
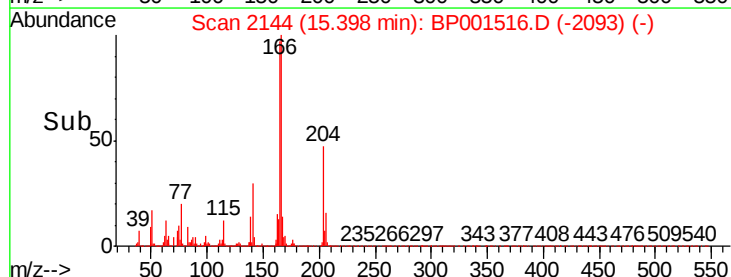
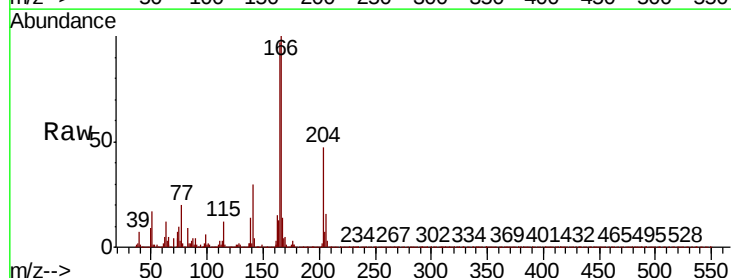
RT: 15.40 min Scan# 2144

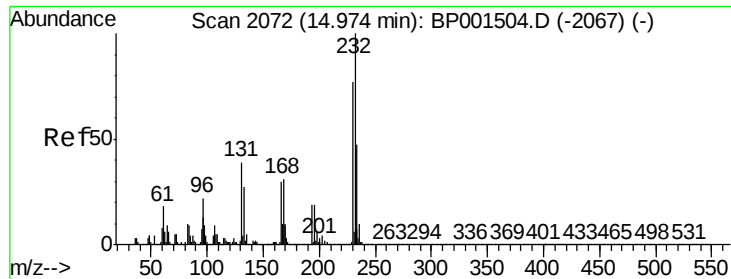
Delta R.T. 0.00 min

Lab File: BP001516.D

Acq: 03 Jan 2020 20:05

Tgt Ion:	166	Resp:	479238
Ion Ratio	Lower	Upper	
166	100		
165	96.9	75.3	112.9
167	13.8	10.7	16.1





#59
2,3,4,6-Tetrachlorophenol
Concen: 49.967 ng
RT: 14.99 min Scan# 2074
Delta R.T. 0.01 min
Lab File: BP001516.D
Acq: 03 Jan 2020 20:05

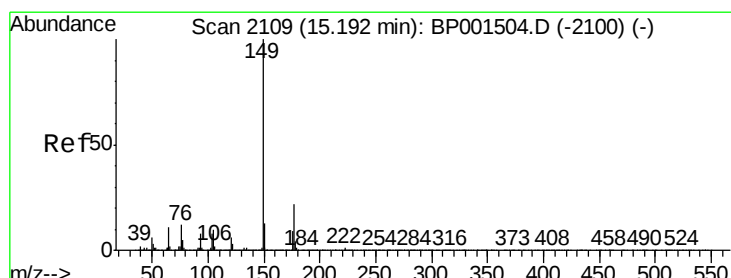
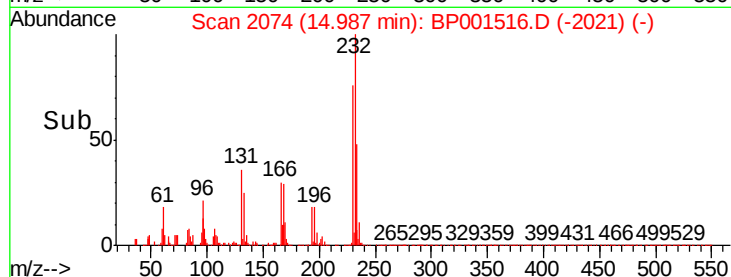
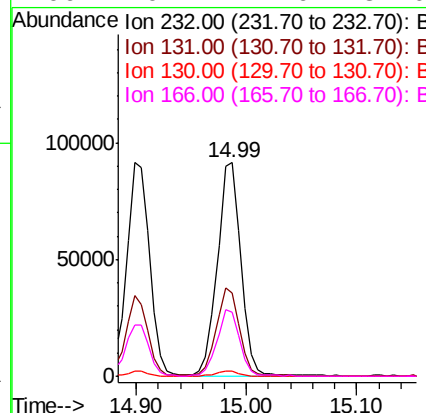
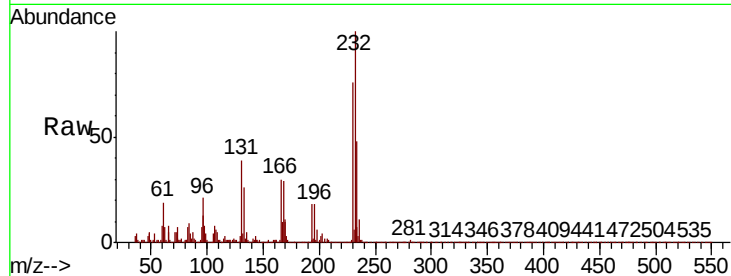
Instrument :
BNA_P
ClientSampleId :
MC-123119-0-2-COMP-B6MSD

Tot Ion	Ratio	Resp	Lower	Upper
232	100	134485		
131	39.8		33.5	50.3
130	2.5		1.9	2.9
166	29.4		24.6	37.0

Manual Integrations
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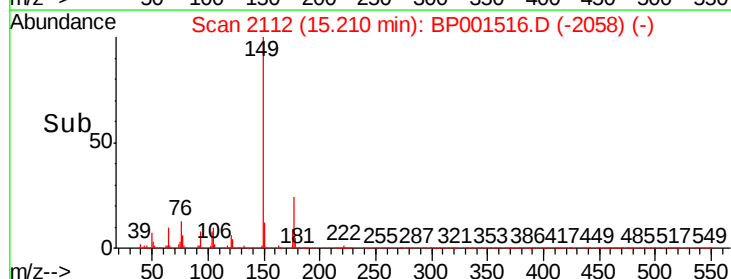
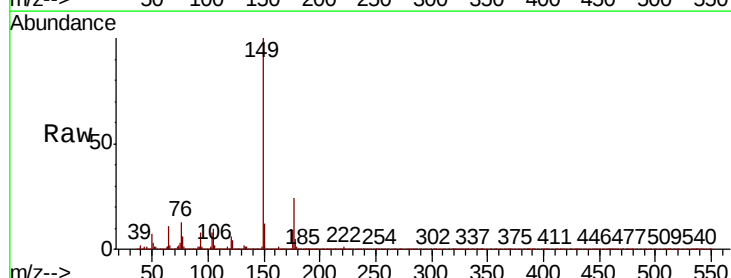
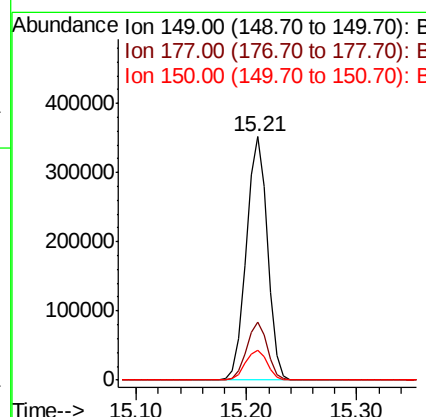
mohammad

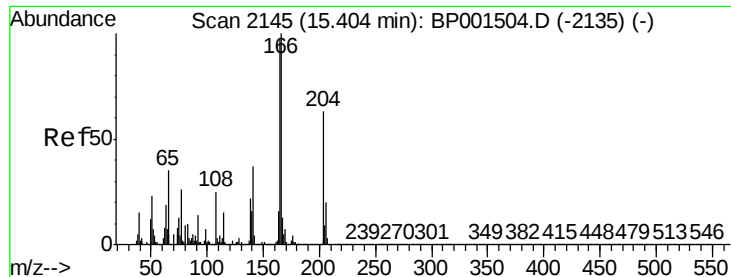
1/6/2020 11:42:45 AM



#60
Diethylphthalate
Concen: 42.367 ng
RT: 15.21 min Scan# 2112
Delta R.T. 0.02 min
Lab File: BP001516.D
Acq: 03 Jan 2020 20:05

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	472870		
177	23.9		17.7	26.5
150	12.3		10.1	15.1





#61
4-Chlorophenyl-phenylether
Concen: 45.682 ng
RT: 15.40 min Scan# 2145
Delta R.T. 0.00 min
Lab File: BP001516.D
Acq: 03 Jan 2020 20:05

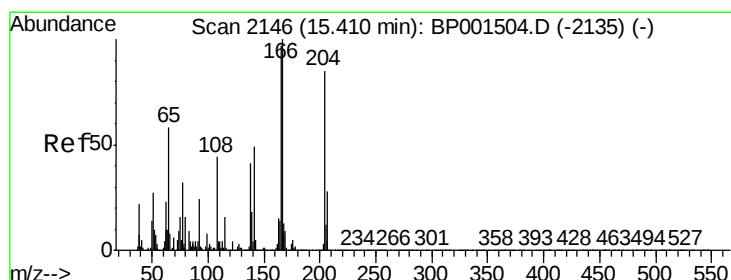
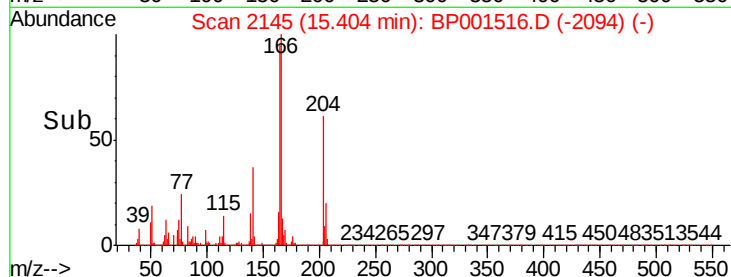
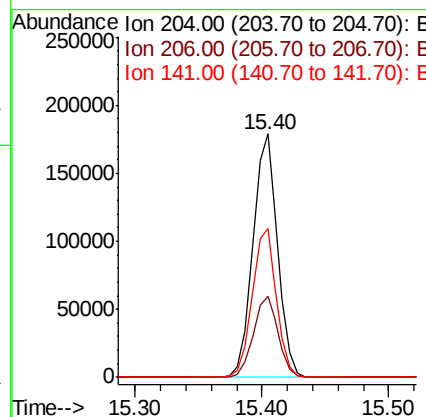
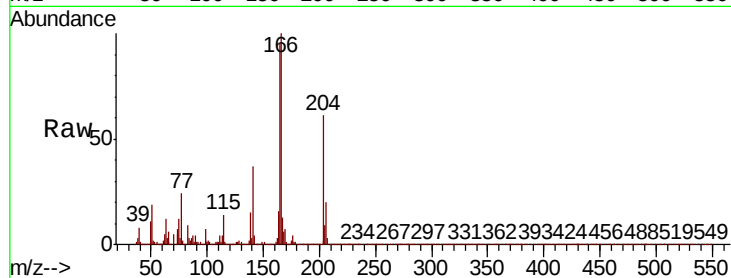
Instrument :
BNA_P
ClientSampleId :
MC-123119-0-2-COMP-B6MSD

Tot Ion	Ratio	Lower	Upper
204	100		
206	33.2	26.1	39.1
141	61.1	47.7	71.5

Manual Integrations
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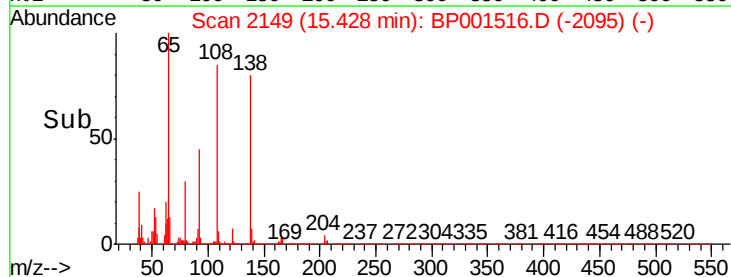
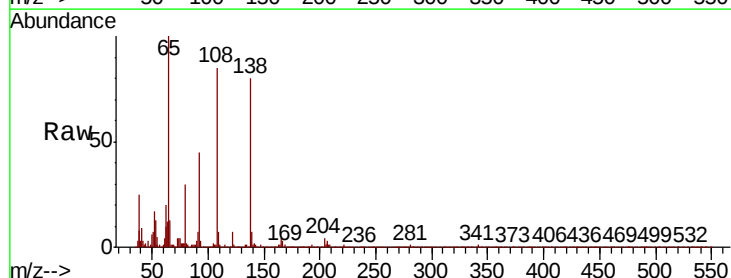
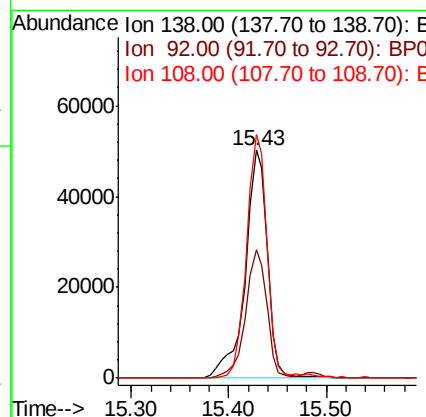
mohammad

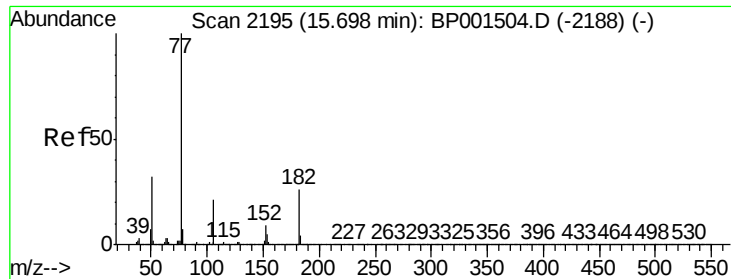
1/6/2020 11:42:45 AM



#62
4-Nitroaniline
Concen: 32.274 ng
RT: 15.43 min Scan# 2149
Delta R.T. 0.02 min
Lab File: BP001516.D
Acq: 03 Jan 2020 20:05

Tgt Ion	Ratio	Lower	Upper
138	100		
92	56.3	37.5	77.5
108	106.9	86.4	126.4





#63
Azobenzene
Concen: 43.843 ng
RT: 15.70 min Scan# 2195
Delta R.T. 0.00 min
Lab File: BP001516.D
Acq: 03 Jan 2020 20:05

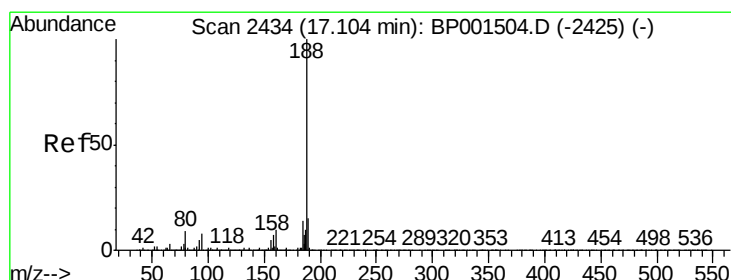
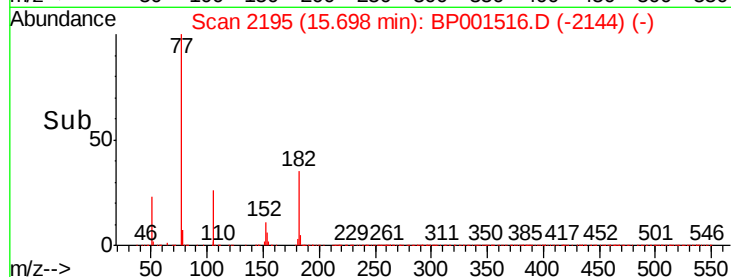
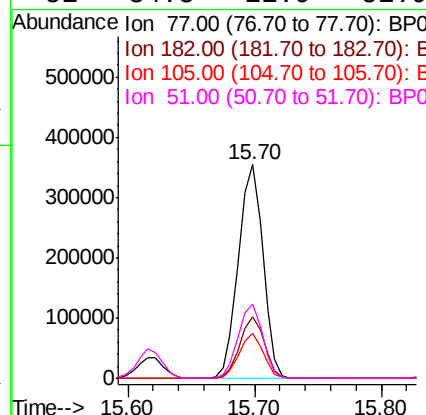
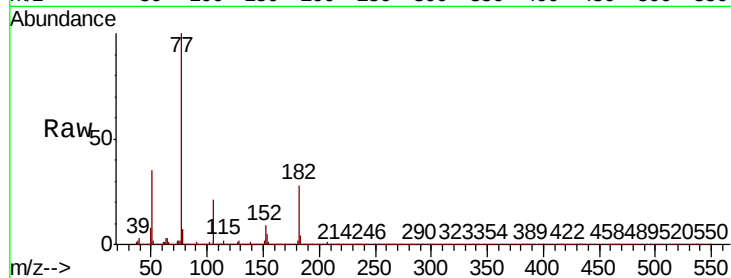
Instrument :
BNA_P
ClientSampleId :
MC-123119-0-2-COMP-B6MSD

Tot Ion	Ratio	Lower	Upper
77	100		
182	28.5	6.1	46.1
105	20.9	0.6	40.6
51	34.8	11.9	51.9

Manual Integrations
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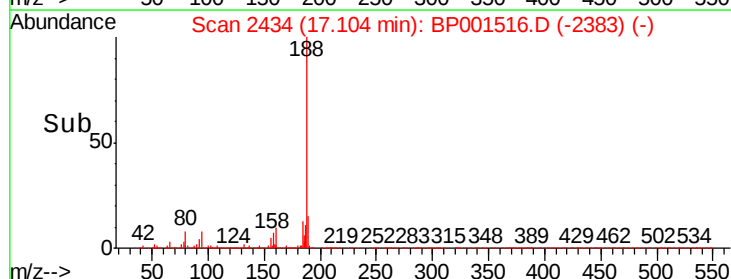
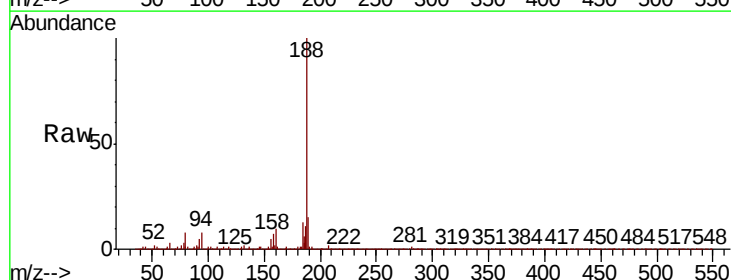
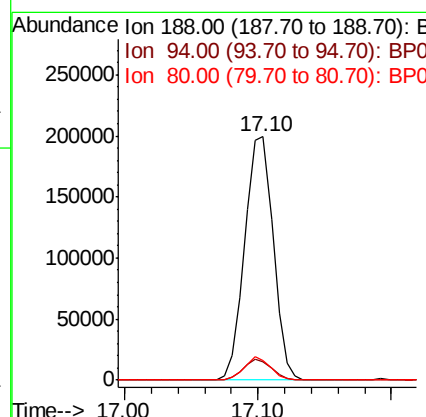
mohammad

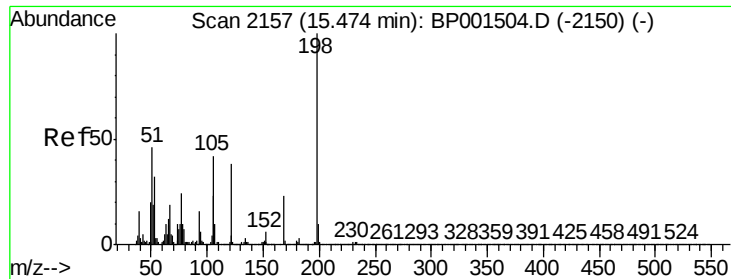
1/6/2020 11:42:45 AM



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.10 min Scan# 2434
Delta R.T. 0.00 min
Lab File: BP001516.D
Acq: 03 Jan 2020 20:05

Tgt Ion	Ratio	Lower	Upper
188	100		
94	7.7	6.5	9.7
80	8.2	7.3	10.9





#65
4,6-Dinitro-2-methylphenol
Concen: 46.206 ng
RT: 15.48 min Scan# 2158
Delta R.T. 0.01 min
Lab File: BP001516.D
Acq: 03 Jan 2020 20:05

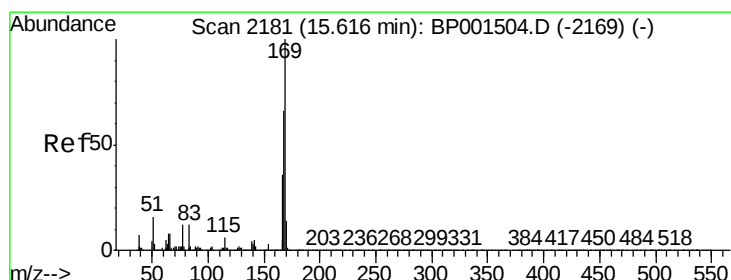
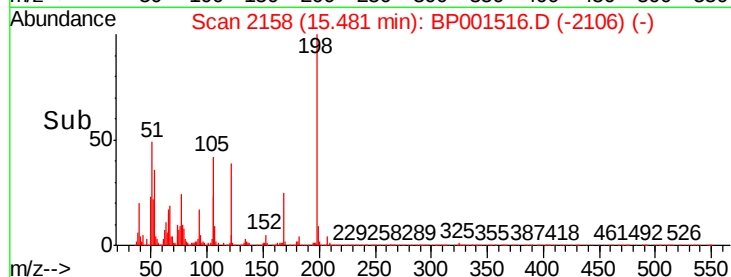
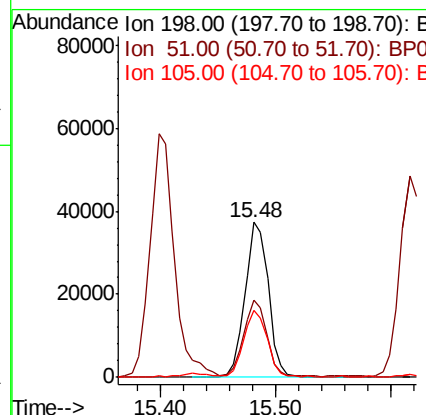
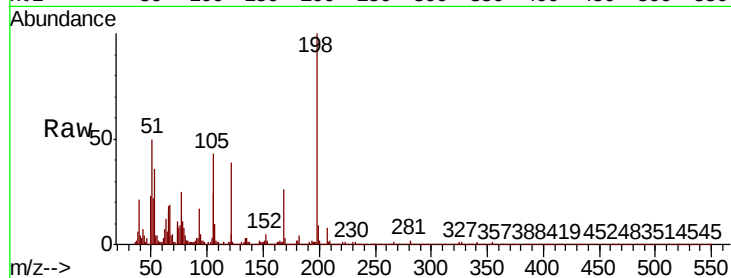
Instrument :
BNA_P
ClientSampleId :
MC-123119-0-2-COMP-B6MSD

Tot Ion	Ratio	Lower	Upper
198	100		
51	50.0	26.9	66.9
105	42.9	22.5	62.5

Manual Integrations
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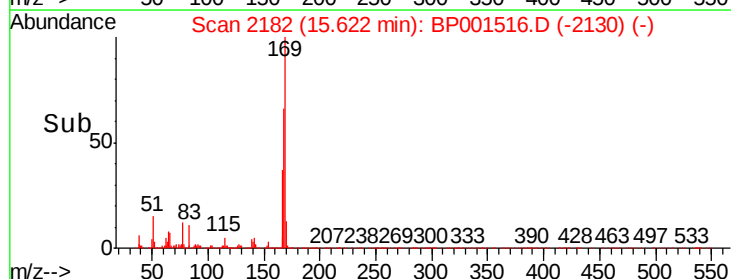
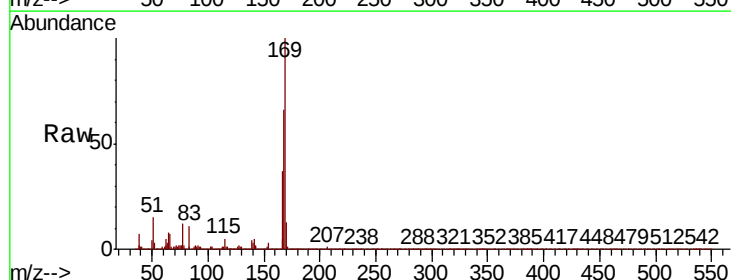
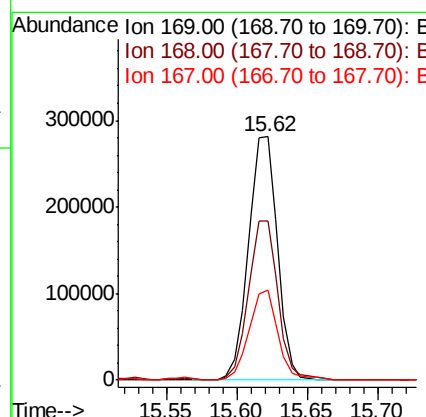
mohammad

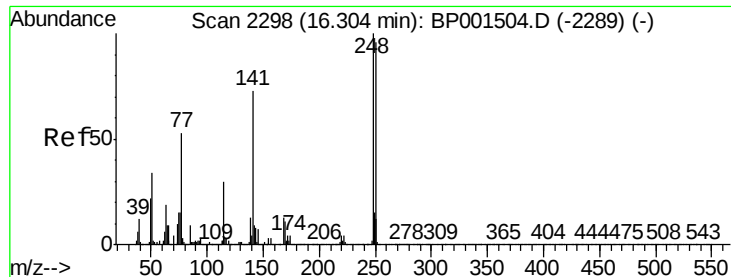
1/6/2020 11:42:45 AM



#66
n-Nitrosodiphenylamine
Concen: 47.473 ng
RT: 15.62 min Scan# 2182
Delta R.T. 0.01 min
Lab File: BP001516.D
Acq: 03 Jan 2020 20:05

Tgt Ion	Ratio	Lower	Upper
169	100		
168	65.6	52.7	79.1
167	36.9	28.5	42.7





#67
4-Bromophenyl-phenylether
Concen: 47.084 ng
RT: 16.30 min Scan# 2297
Delta R.T. -0.01 min
Lab File: BP001516.D
Acq: 03 Jan 2020 20:05

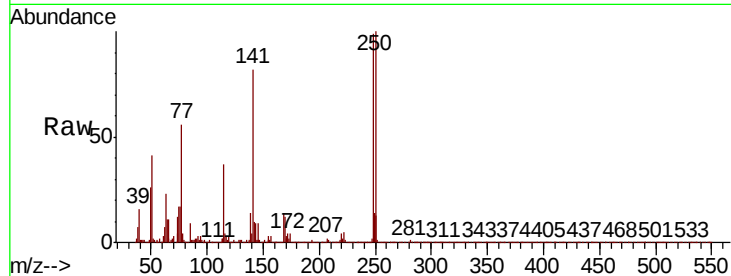
Instrument :
BNA_P
ClientSampleId :
MC-123119-0-2-COMP-B6MSD

Tot Ion	Ratio	Lower	Upper
248	100		
250	100.8	76.7	115.1
141	83.1	58.5	87.7

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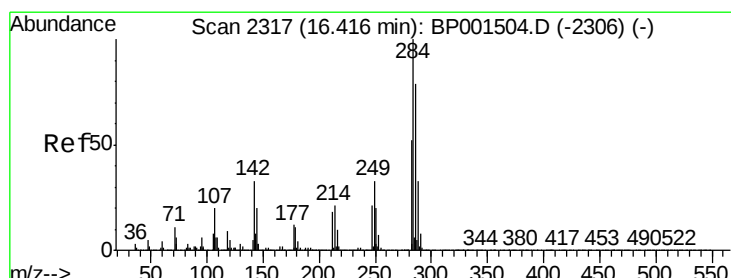
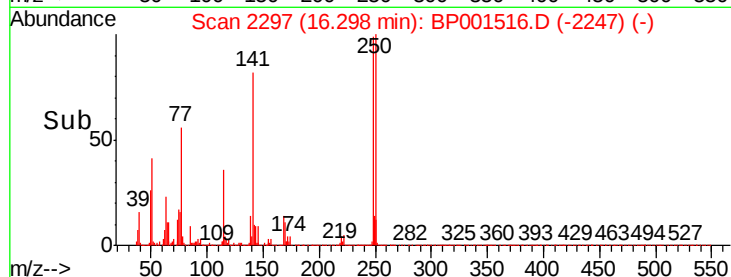
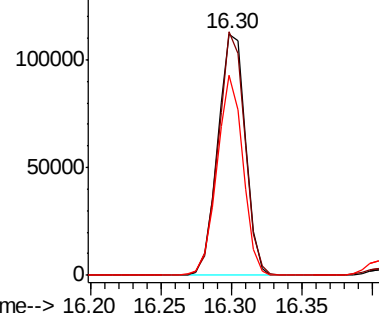


Abundance

Ion 248.00 (247.70 to 248.70): E

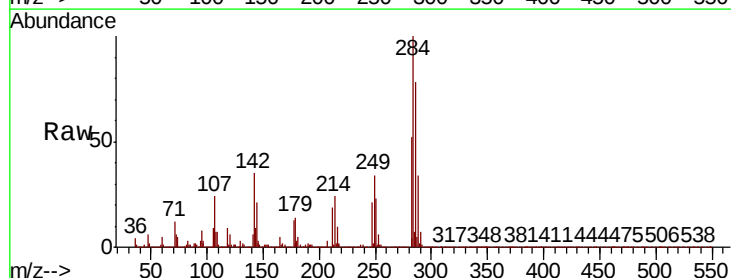
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68
Hexachlorobenzene
Concen: 45.384 ng
RT: 16.40 min Scan# 2315
Delta R.T. -0.01 min
Lab File: BP001516.D
Acq: 03 Jan 2020 20:05

Tgt Ion	Ratio	Lower	Upper
284	100		
142	34.6	26.2	39.2
249	34.4	26.0	39.0

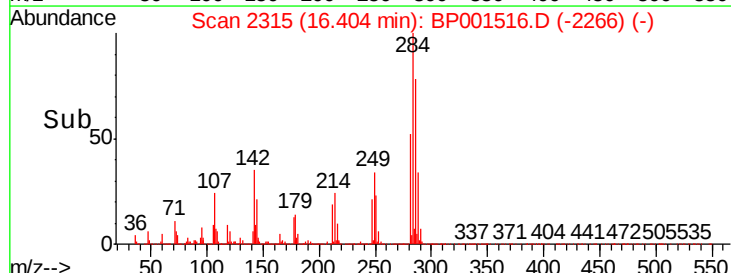
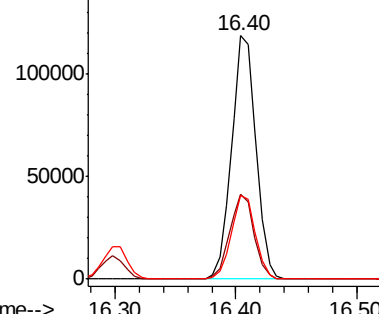


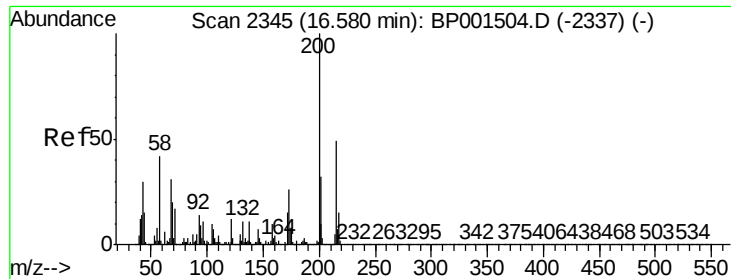
Abundance

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: 52.177 ng

RT: 16.61 min Scan# 2350

Delta R.T. 0.03 min

Lab File: BP001516.D

Acq: 03 Jan 2020 20:05

Instrument :

BNA_P

ClientSampleId :

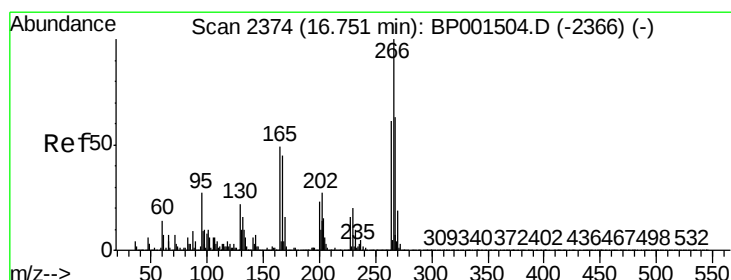
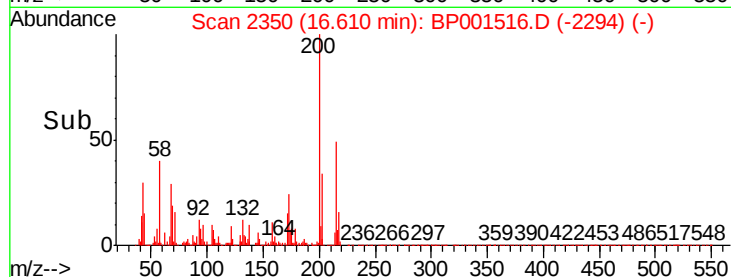
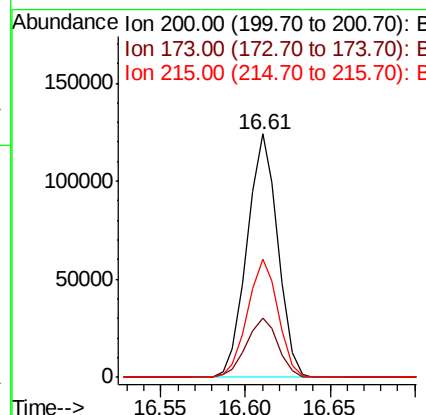
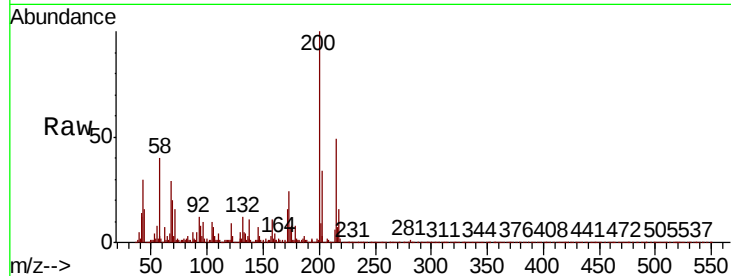
MC-123119-0-2-COMP-B6MSD

Tot Ion:	200	Resp:	157817
Ion Ratio	Lower	Upper	
200	100		
173	24.3	5.8	45.8
215	48.7	28.6	68.6

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#70

Pentachlorophenol

Concen: 105.489 ng

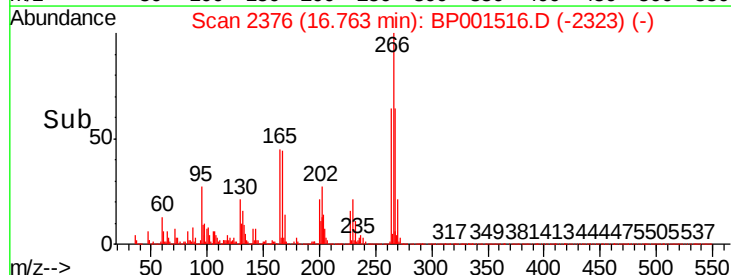
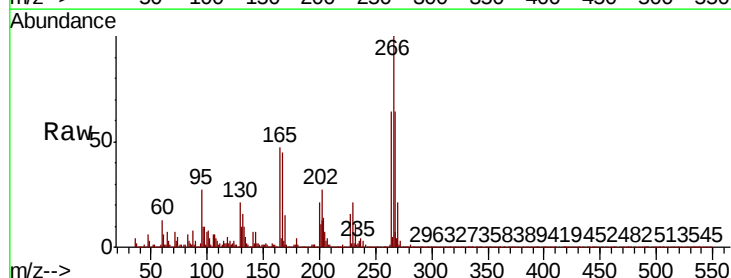
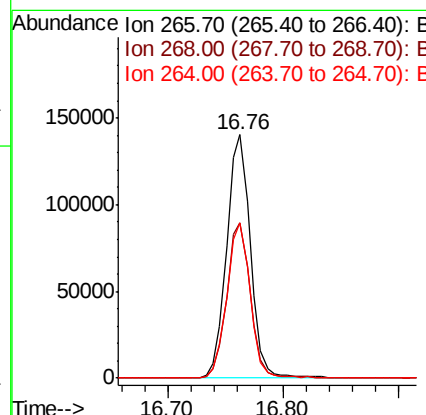
RT: 16.76 min Scan# 2376

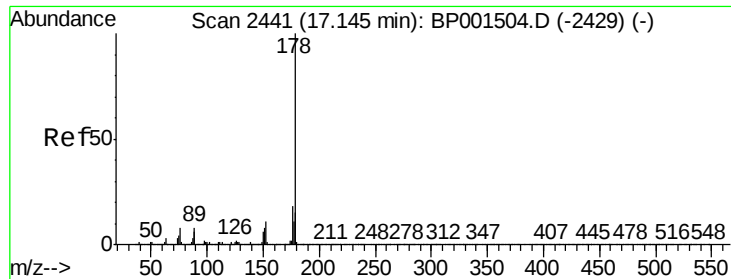
Delta R.T. 0.01 min

Lab File: BP001516.D

Acq: 03 Jan 2020 20:05

Tgt Ion:	266	Resp:	199145
Ion Ratio	Lower	Upper	
266	100		
268	63.9	50.3	75.5
264	63.7	49.2	73.8





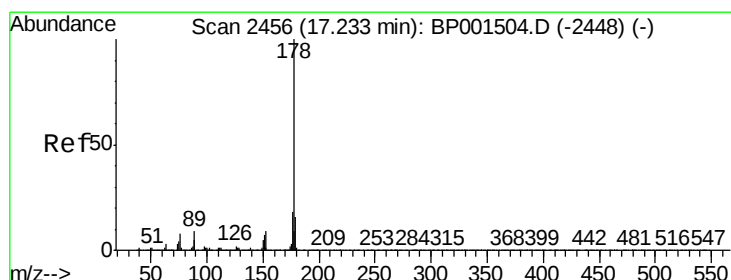
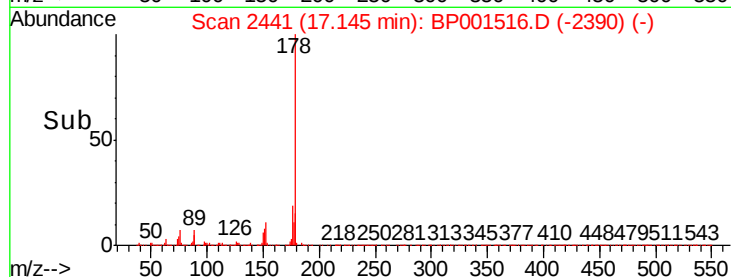
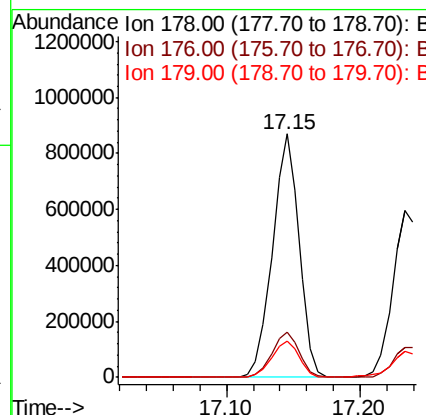
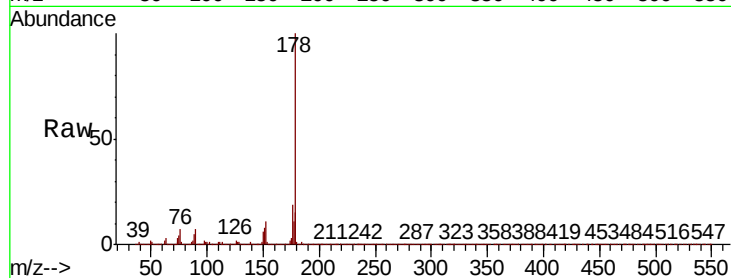
#71
Phenanthrene
Concen: 75.375 ng
RT: 17.15 min Scan# 2441
Delta R.T. 0.00 min
Lab File: BP001516.D
Acq: 03 Jan 2020 20:05

Instrument :
BNA_P
ClientSampleId :
MC-123119-0-2-COMP-B6MSD

Tot Ion	Ratio	Lower	Upper
178	100		
176	18.7	14.6	22.0
179	14.7	12.3	18.5

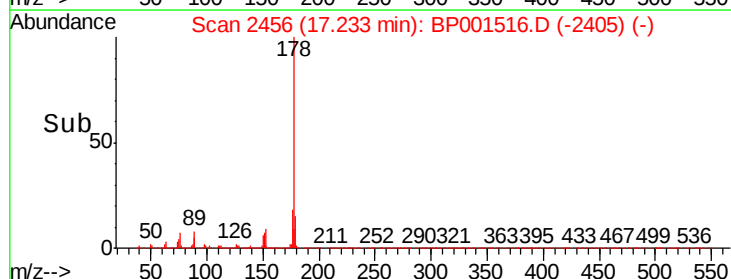
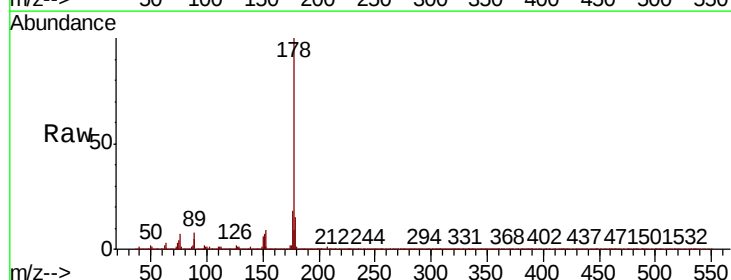
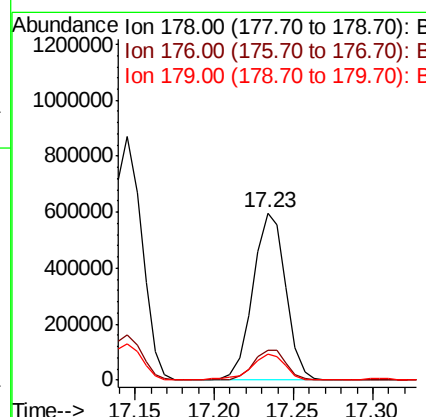
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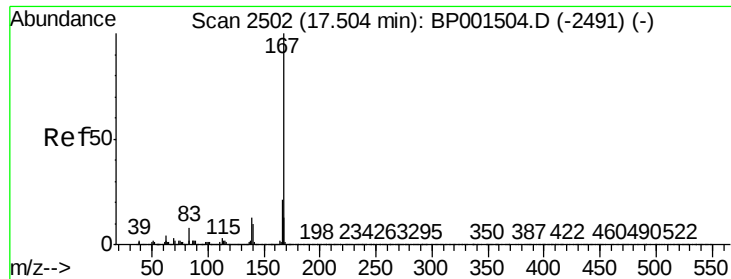
mohammad
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#72
Anthracene
Concen: 54.014 ng
RT: 17.23 min Scan# 2456
Delta R.T. 0.00 min
Lab File: BP001516.D
Acq: 03 Jan 2020 20:05

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.0	14.4	21.6
179	15.2	12.5	18.7





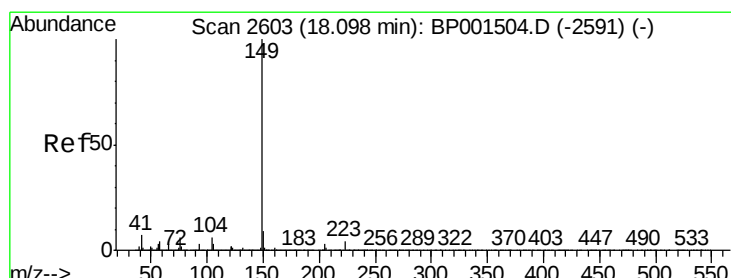
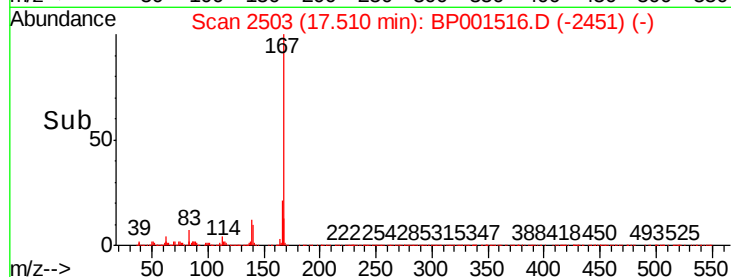
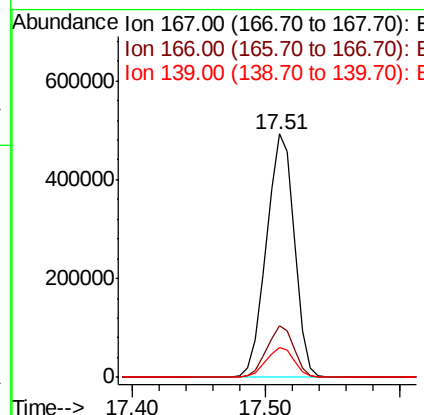
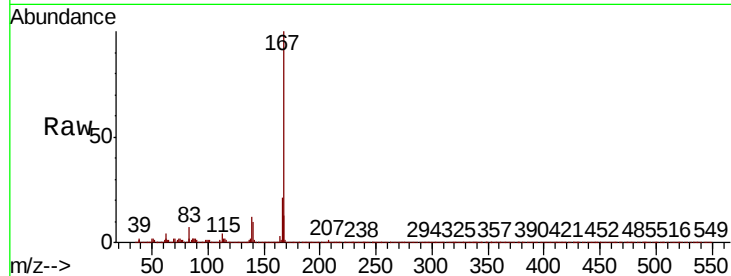
#73
 Carbazole
 Concen: 48.773 ng
 RT: 17.51 min Scan# 2503
 Delta R.T. 0.01 min
 Lab File: BP001516.D
 Acq: 03 Jan 2020 20:05

Instrument :
 BNA_P
 ClientSampleId :
 MC-123119-0-2-COMP-B6MSD

Tot Ion:	167	Resp:	714484
Ion Ratio	Lower	Upper	
167	100		
166	21.2	17.0	25.6
139	12.3	10.2	15.4

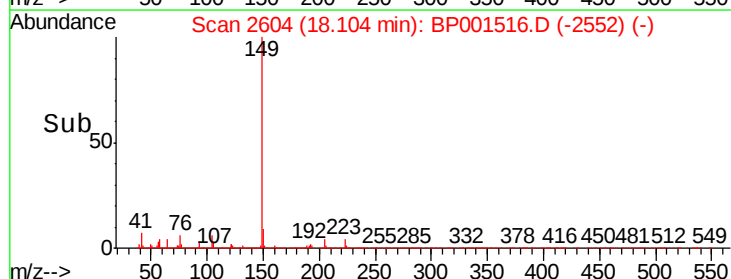
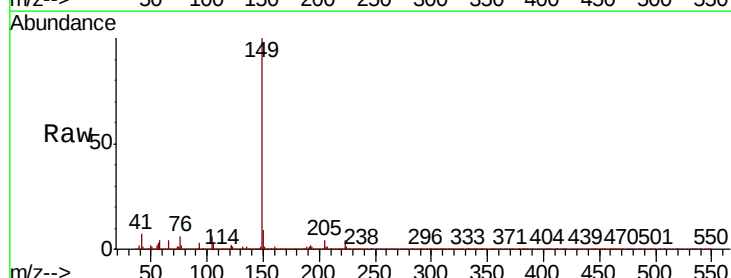
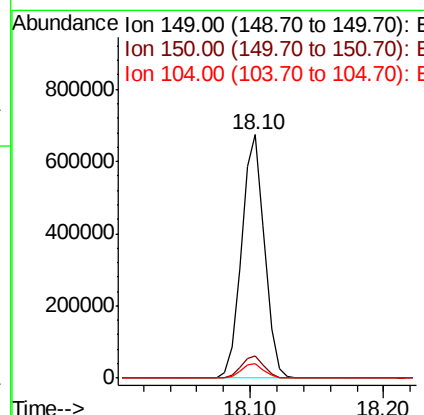
Manual Integrations
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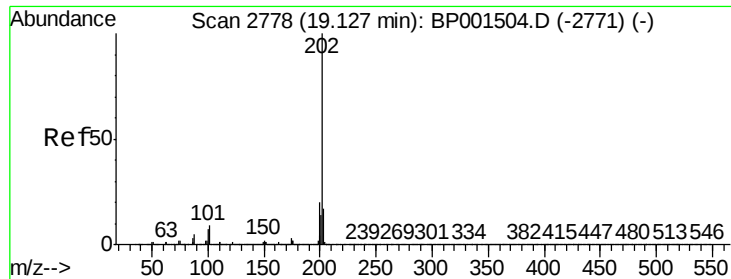
mohammad
 1/6/2020 11:42:45 AM



#74
 Di-n-butylphthalate
 Concen: 42.817 ng
 RT: 18.10 min Scan# 2604
 Delta R.T. 0.01 min
 Lab File: BP001516.D
 Acq: 03 Jan 2020 20:05

Tgt Ion:	149	Resp:	796126
Ion Ratio	Lower	Upper	
149	100		
150	8.9	7.1	10.7
104	5.7	4.6	6.8





#75

Fluoranthene

Concen: 77.860 ng

RT: 19.12 min Scan# 2777

Delta R.T. -0.01 min

Lab File: BP001516.D

Acq: 03 Jan 2020 20:05

Instrument :

BNA_P

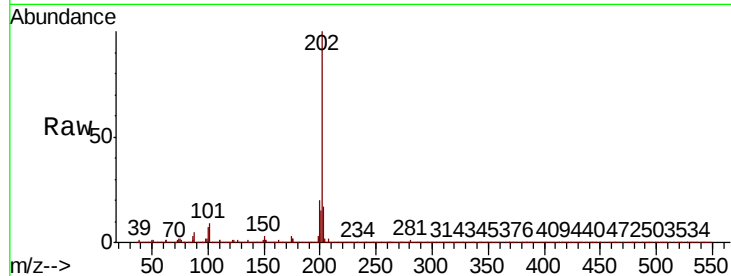
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MC-123119-0-2-COMP-B6MSD

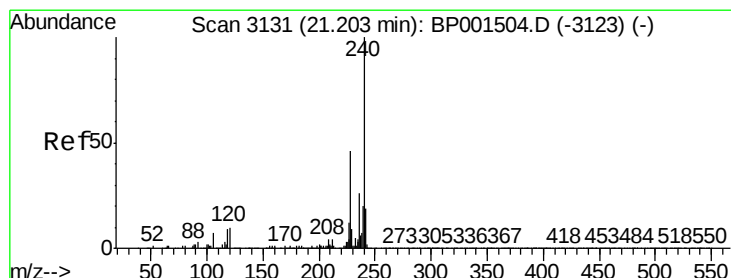
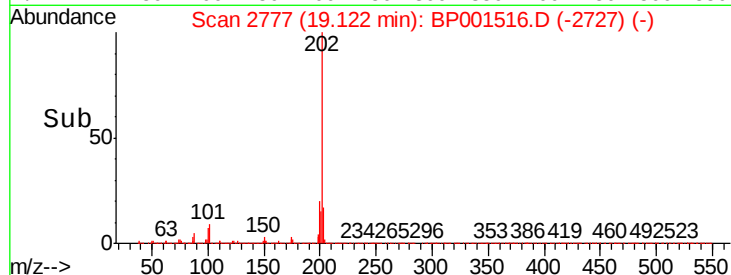
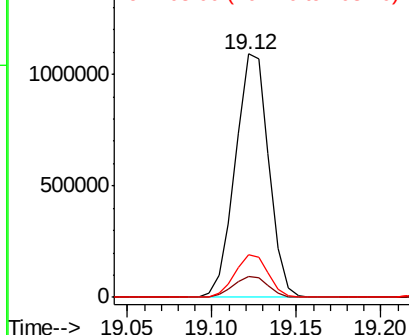
Tot Ion:	202	Resp:	1505593
Ion Ratio	Lower	Upper	
202	100		
101	8.6	0.0	29.3
203	17.4	0.0	36.7

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Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.20 min Scan# 3131

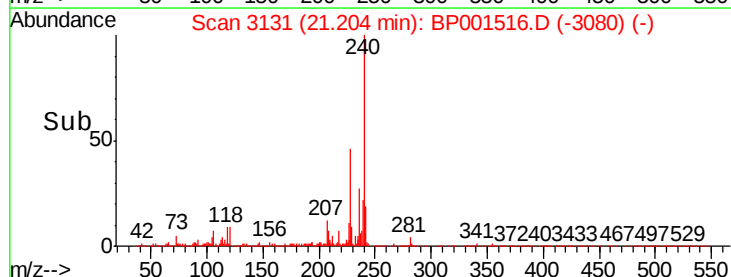
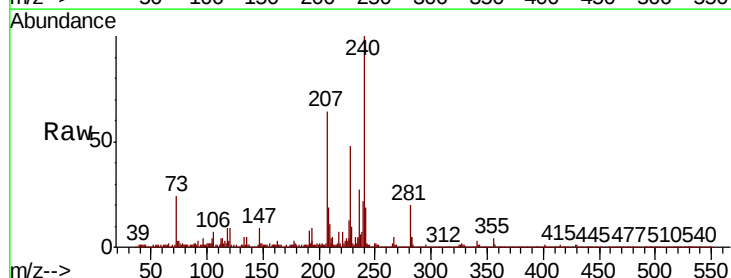
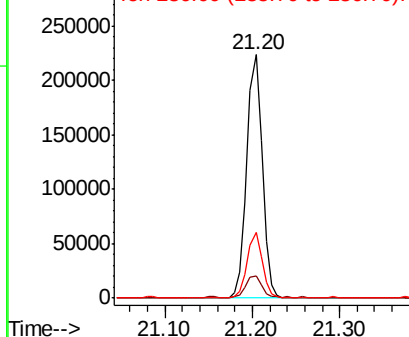
Delta R.T. 0.00 min

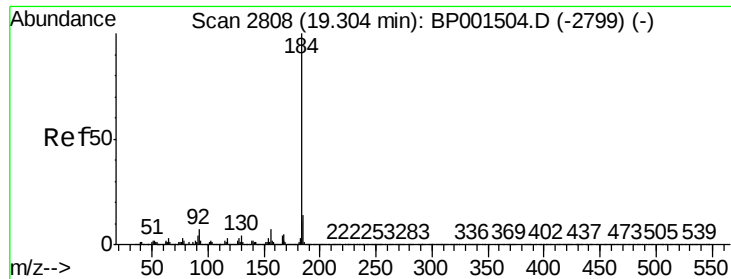
Lab File: BP001516.D

Acq: 03 Jan 2020 20:05

Tgt Ion:	240	Resp:	262483
Ion Ratio	Lower	Upper	
240	100		
120	9.0	8.1	12.1
236	26.9	20.9	31.3

Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 83.884 ng

RT: 19.32 min Scan# 2810

Delta R.T. 0.01 min

Lab File: BP001516.D

Acq: 03 Jan 2020 20:05

Instrument :

BNA_P

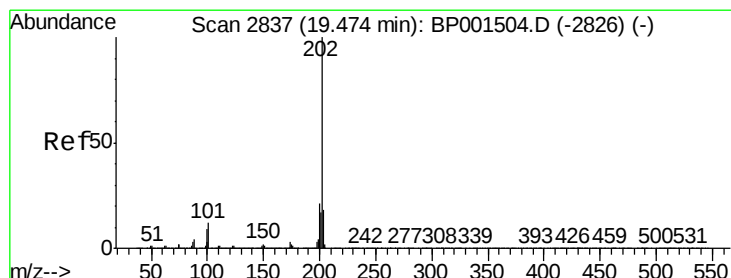
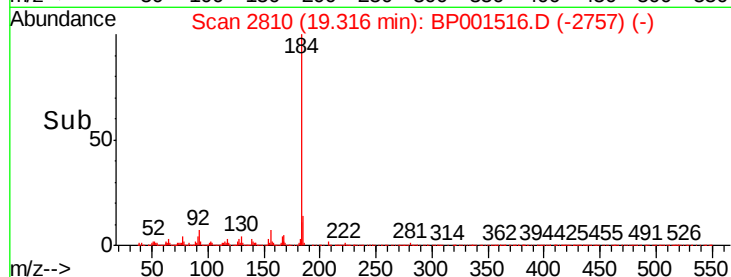
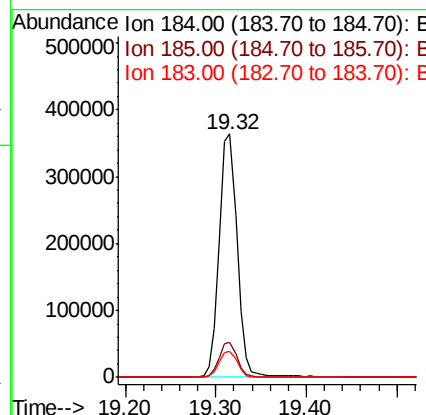
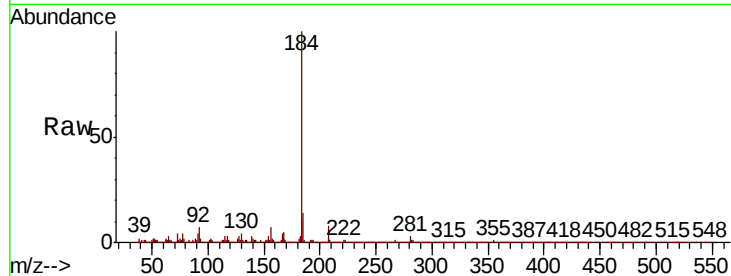
ClientSampleId :

MC-123119-0-2-COMP-B6MSD

Tot Ion:	184	Resp:	503456
Ion Ratio	Lower	Upper	
184	100		
185	14.3	11.5	17.3
183	10.8	8.7	13.1

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#78

Pyrene

Concen: 77.756 ng

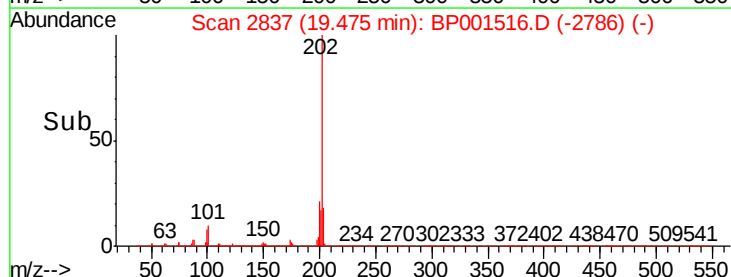
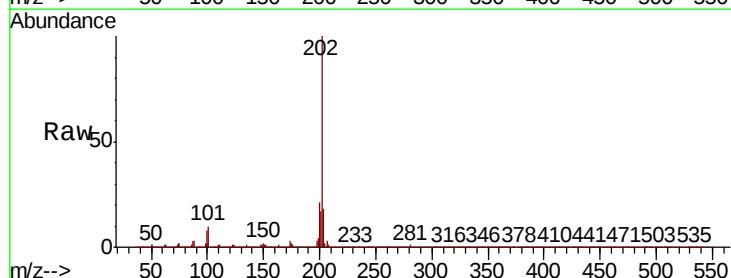
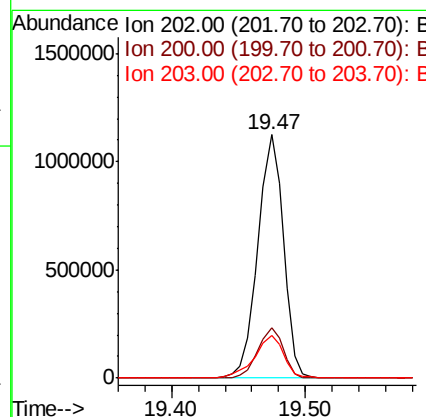
RT: 19.47 min Scan# 2837

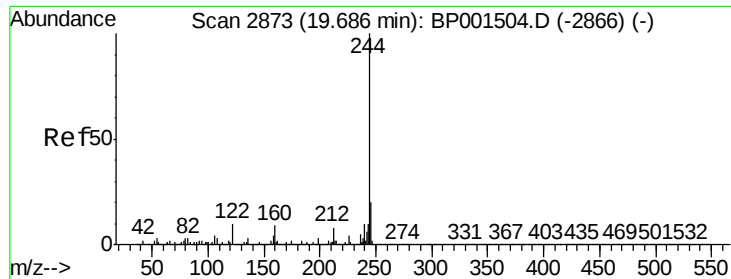
Delta R.T. 0.00 min

Lab File: BP001516.D

Acq: 03 Jan 2020 20:05

Tgt Ion:	202	Resp:	1481031
Ion Ratio	Lower	Upper	
202	100		
200	20.7	16.4	24.6
203	17.7	14.2	21.2





#79

Terphenyl-d14

Concen: 50.732 ng

RT: 19.69 min Scan# 2873

Delta R.T. 0.00 min

Lab File: BP001516.D

Acq: 03 Jan 2020 20:05

Instrument :

BNA_P

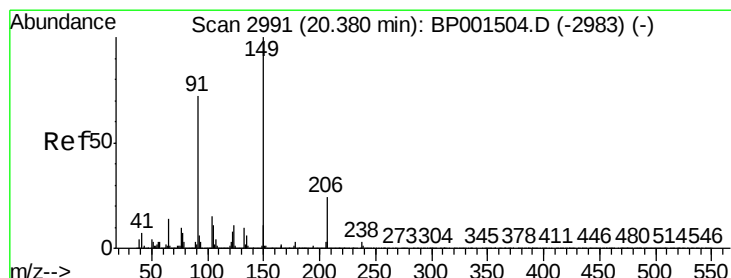
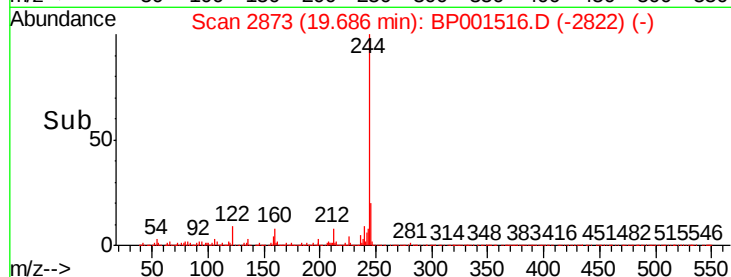
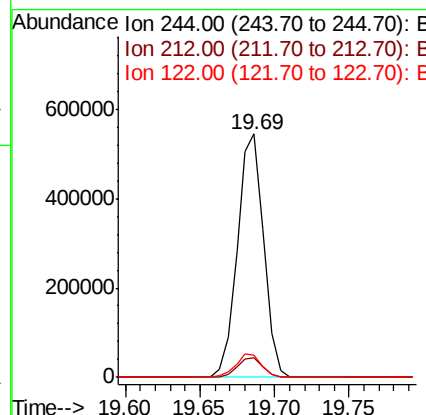
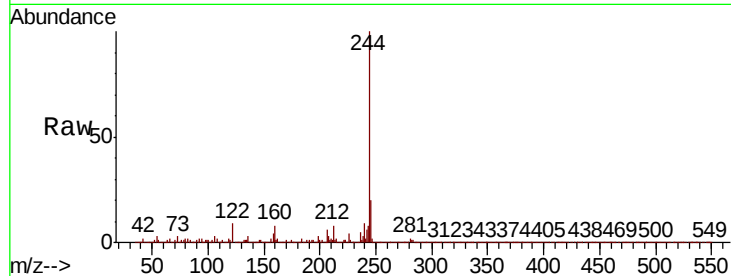
ClientSampleId :

MC-123119-0-2-COMP-B6MSD

Tot Ion:	244	Resp:	668190
Ion Ratio	Lower	Upper	
244	100		
212	7.9	6.6	9.8
122	8.9	7.8	11.6

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#80

Butylbenzylphthalate

Concen: 44.403 ng

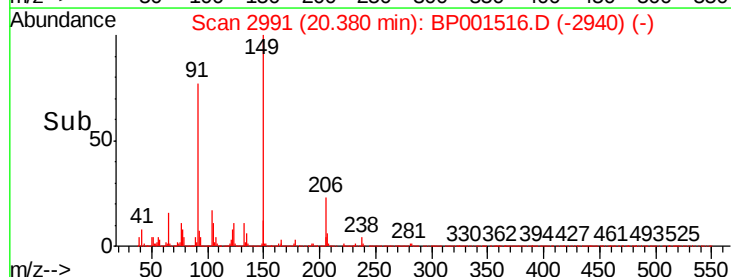
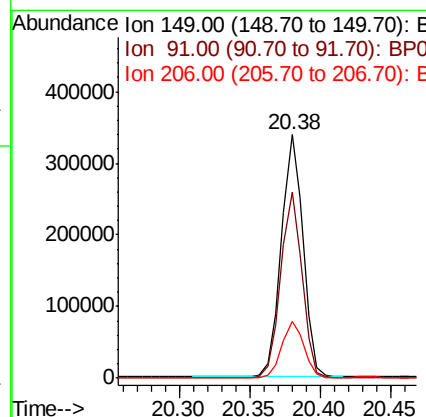
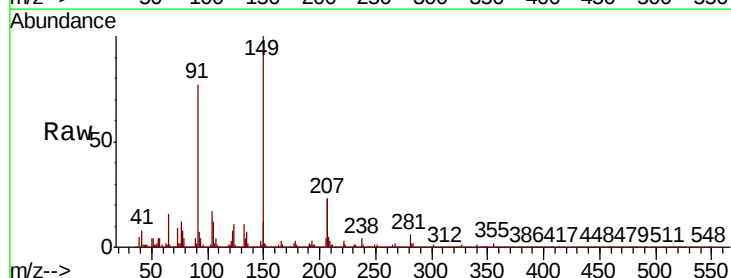
RT: 20.38 min Scan# 2991

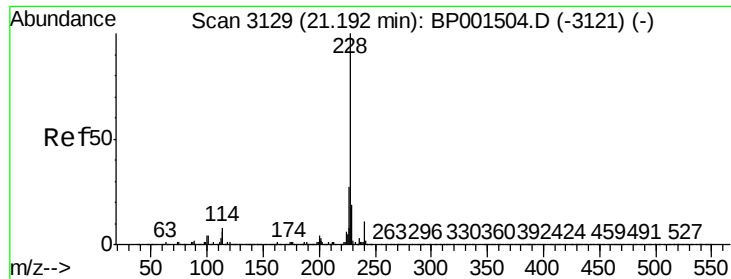
Delta R.T. 0.00 min

Lab File: BP001516.D

Acq: 03 Jan 2020 20:05

Tgt Ion:	149	Resp:	363863
Ion Ratio	Lower	Upper	
149	100		
91	76.6	57.9	86.9
206	23.2	19.0	28.4





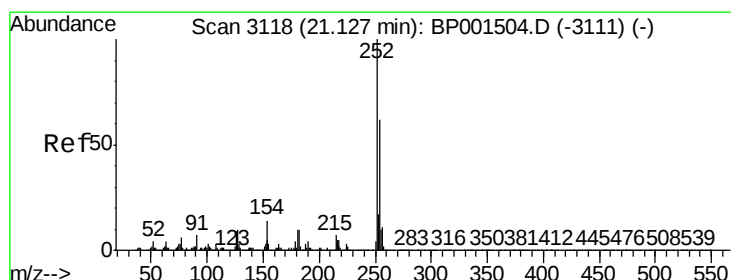
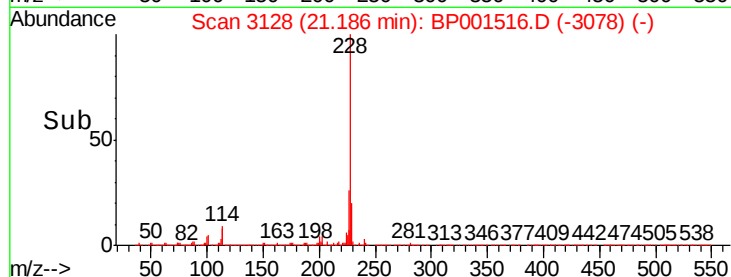
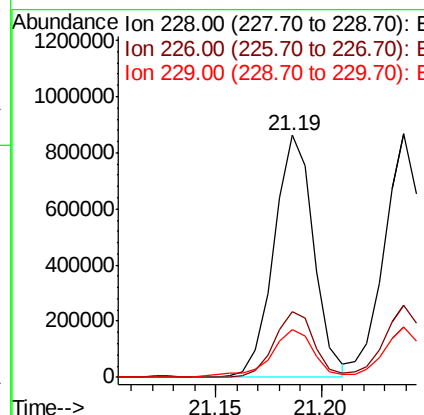
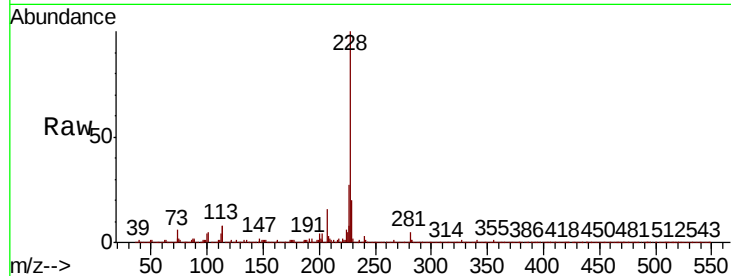
#81
Benzo(a)anthracene
Concen: 61.272 ng
RT: 21.19 min Scan# 3128
Delta R.T. -0.01 min
Lab File: BP001516.D
Acq: 03 Jan 2020 20:05

Instrument :
BNA_P
ClientSampleId :
MC-123119-0-2-COMP-B6MSD

Tot Ion:	228	Resp:	1128482
Ion	Ratio	Lower	Upper
228	100		
226	27.0	21.5	32.3
229	19.8	15.4	23.2

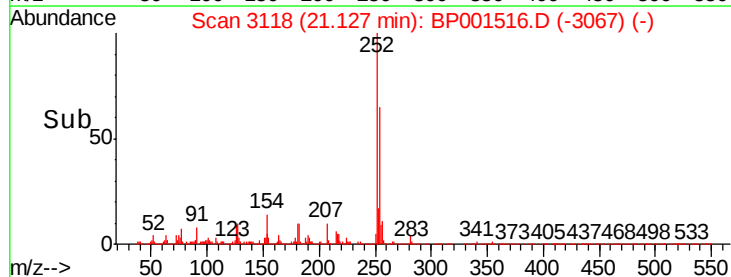
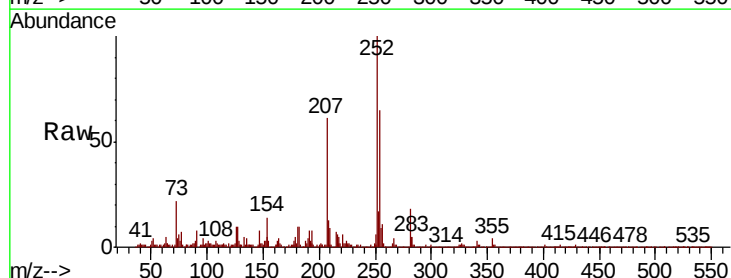
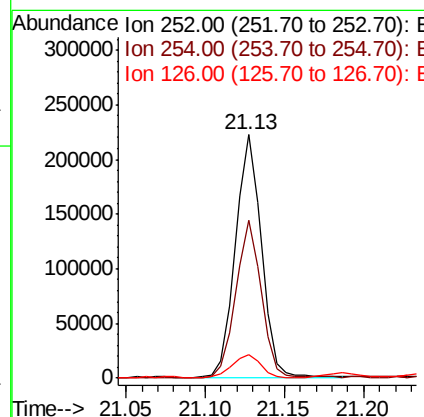
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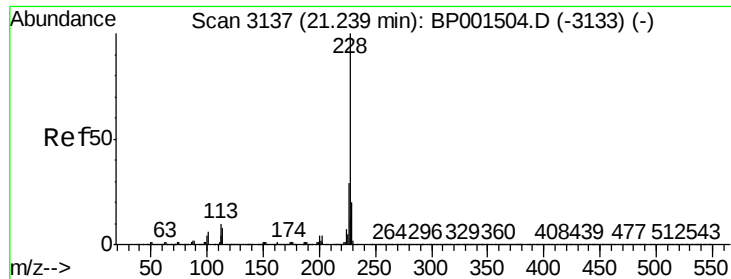
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#82
3,3'-Dichlorobenzidine
Concen: 38.426 ng
RT: 21.13 min Scan# 3118
Delta R.T. 0.00 min
Lab File: BP001516.D
Acq: 03 Jan 2020 20:05

Tgt Ion:	252	Resp:	251207
Ion	Ratio	Lower	Upper
252	100		
254	64.7	49.3	73.9
126	9.7	7.4	11.0





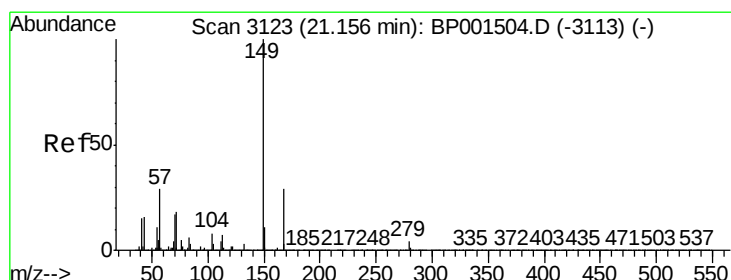
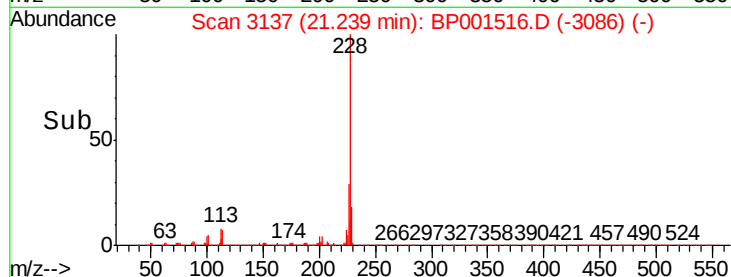
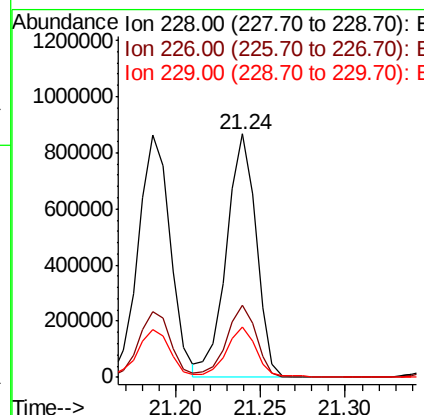
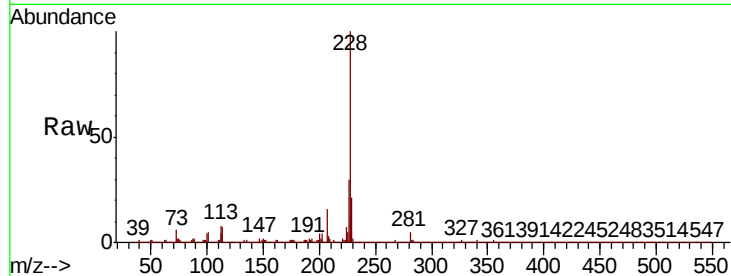
#83
Chrysene
Concen: 60.158 ng
RT: 21.24 min Scan# 3137
Delta R.T. 0.00 min
Lab File: BP001516.D
Acq: 03 Jan 2020 20:05

Instrument :
BNA_P
ClientSampleId :
MC-123119-0-2-COMP-B6MSD

Tot Ion	Ratio	Lower	Upper
228	100		
226	29.5	23.0	34.6
229	20.9	15.7	23.5

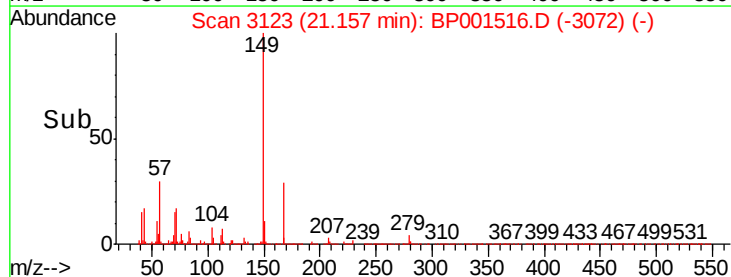
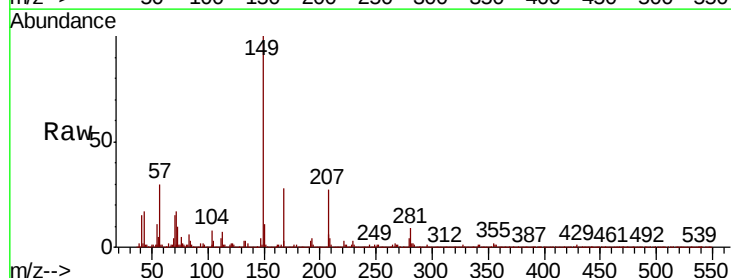
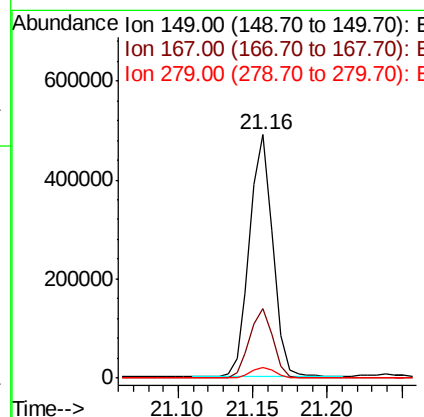
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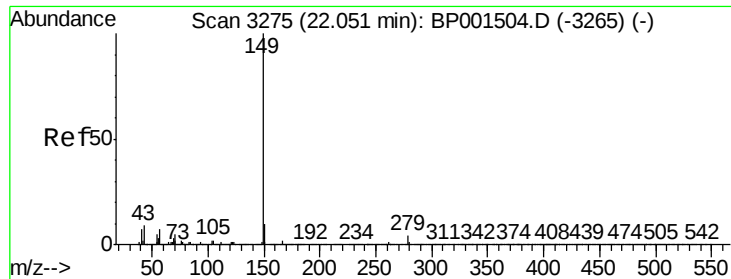
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#84
Bis(2-ethylhexyl)phthalate
Concen: 43.647 ng
RT: 21.16 min Scan# 3123
Delta R.T. 0.00 min
Lab File: BP001516.D
Acq: 03 Jan 2020 20:05

Tgt Ion	Ratio	Lower	Upper
149	100		
167	28.4	23.1	34.7
279	4.4	3.4	5.2





#85

Di-n-octyl phthalate

Concen: 43.873 ng

RT: 22.04 min Scan# 3274

Delta R.T. -0.01 min

Lab File: BP001516.D

Acq: 03 Jan 2020 20:05

Instrument :

BNA_P

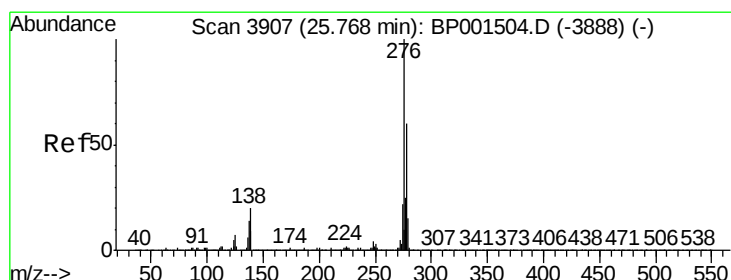
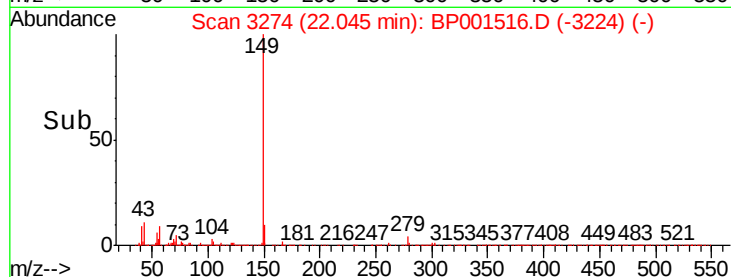
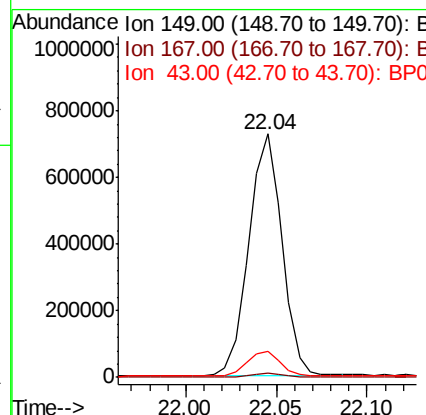
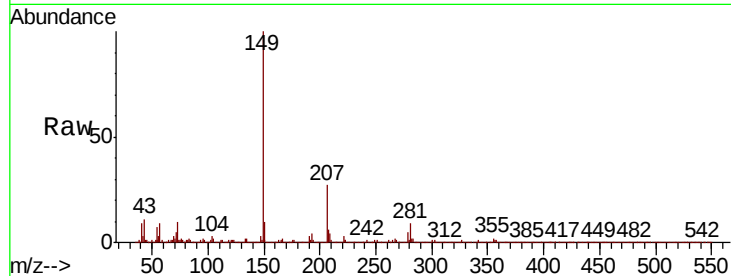
ClientSampleId :

MC-123119-0-2-COMP-B6MSD

Tot Ion:	149	Resp:	916281
Ion Ratio	Lower	Upper	
149	100		
167	1.7	1.3	1.9
43	10.8	7.5	11.3

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#86

Indeno(1,2,3-cd)pyrene

Concen: 55.263 ng

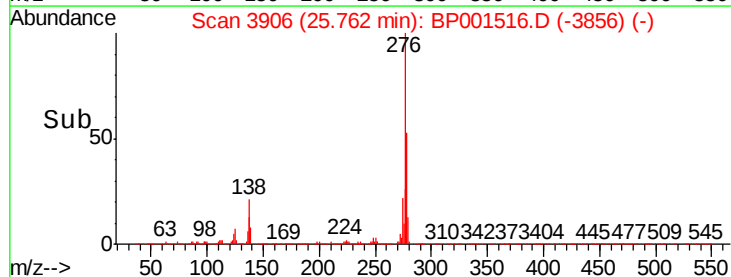
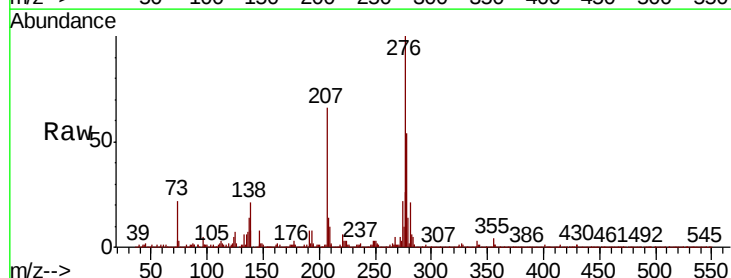
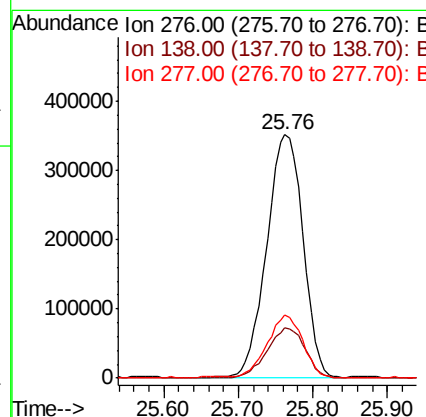
RT: 25.76 min Scan# 3906

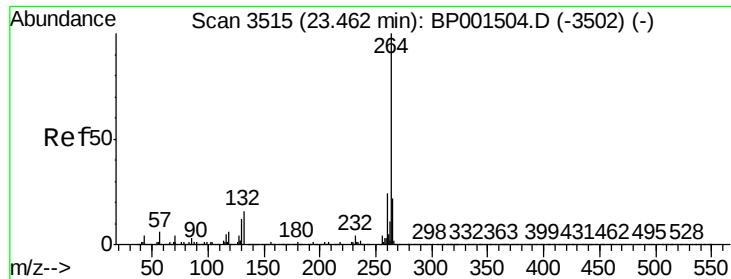
Delta R.T. -0.01 min

Lab File: BP001516.D

Acq: 03 Jan 2020 20:05

Tgt Ion:	276	Resp:	1187745
Ion Ratio	Lower	Upper	
276	100		
138	20.9	17.8	26.8
277	25.4	20.0	30.0





#87

Pervlene-d12

Concen: 20.000 ng

RT: 23.46 min Scan# 3515

Delta R.T. 0.00 min

Lab File: BP001516.D

Acq: 03 Jan 2020 20:05

Instrument :

BNA_P

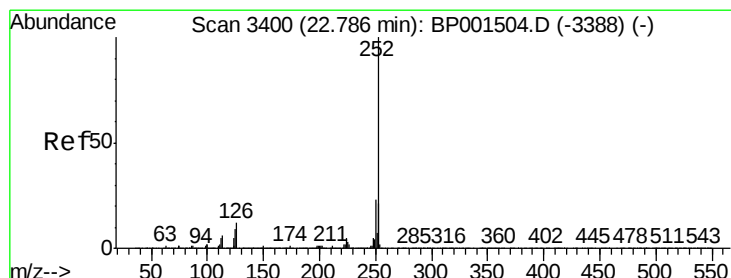
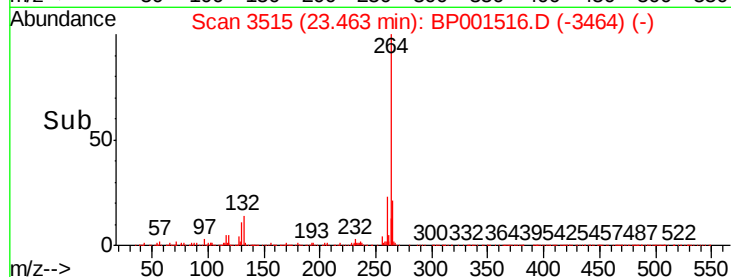
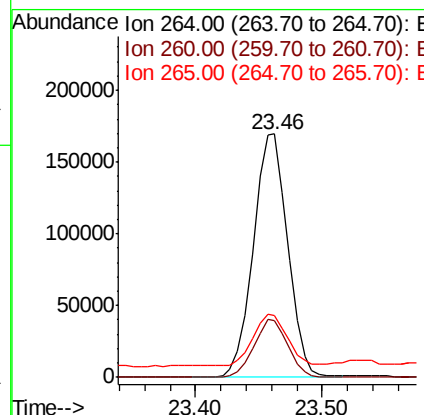
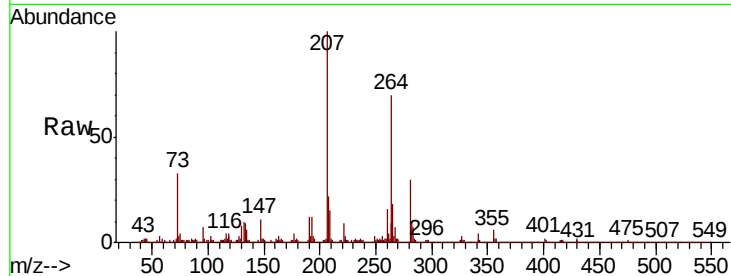
ClientSampleId :

MC-123119-0-2-COMP-B6MSD

Tot Ion:	264	Resp:	317702
Ion Ratio	Lower	Upper	
264	100		
260	23.3	19.0	28.4
265	25.4	17.2	25.8

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#88

Benzo(b)fluoranthene

Concen: 59.753 ng

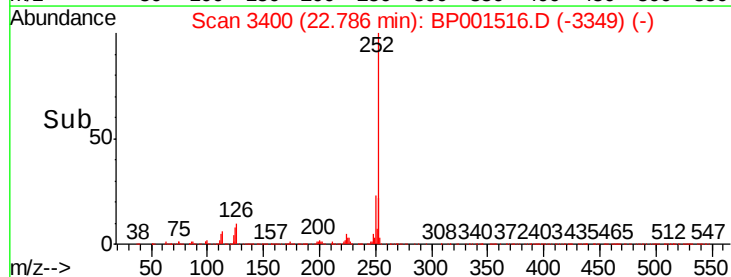
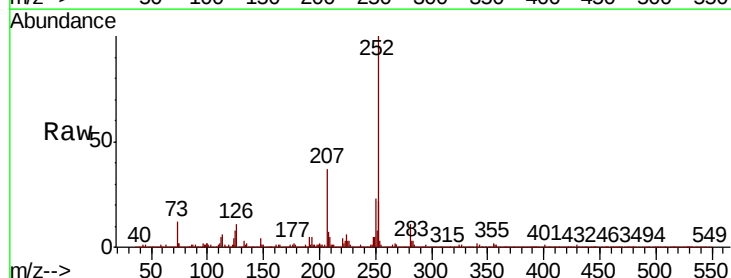
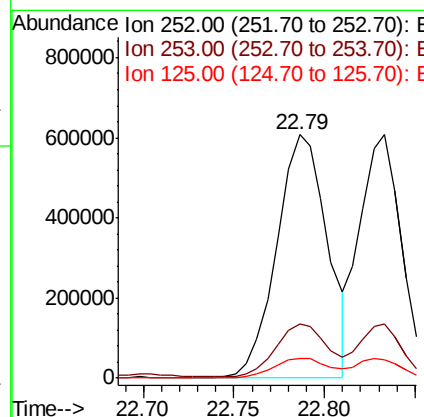
RT: 22.79 min Scan# 3400

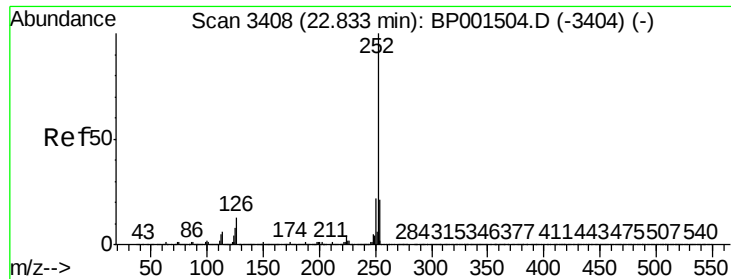
Delta R.T. 0.00 min

Lab File: BP001516.D

Acq: 03 Jan 2020 20:05

Tgt Ion:	252	Resp:	1175434
Ion Ratio	Lower	Upper	
252	100		
253	22.3	17.0	25.6
125	8.3	7.2	10.8





#89

Benzo(k)fluoranthene

Concen: 51.070 ng

RT: 22.83 min Scan# 3408

Delta R.T. 0.00 min

Lab File: BP001516.D

Acq: 03 Jan 2020 20:05

Instrument :

BNA_P

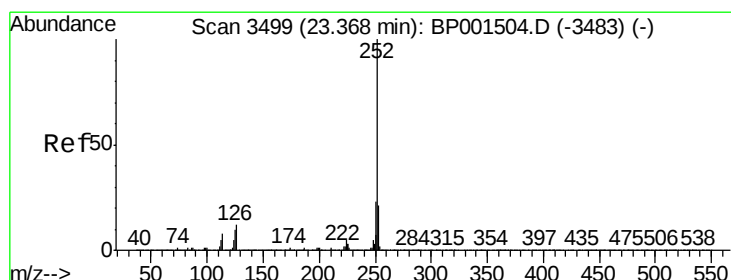
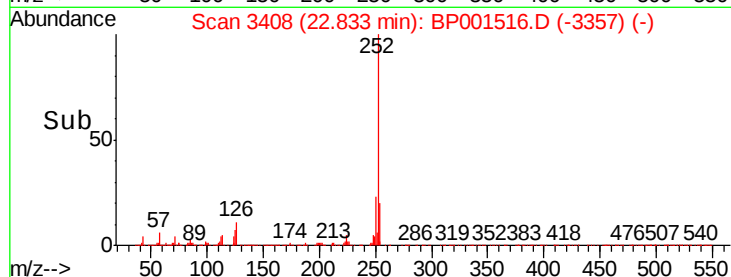
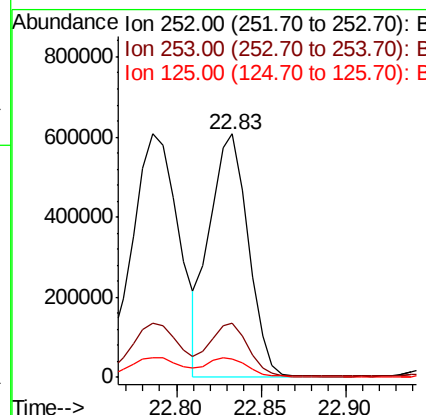
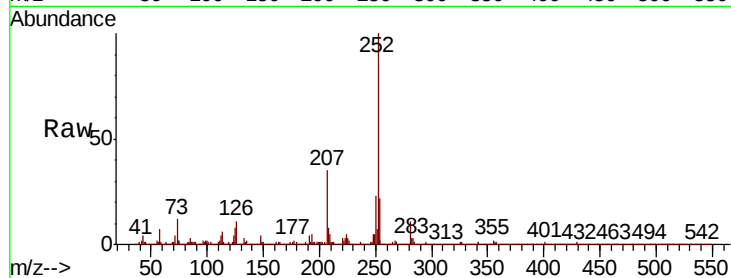
ClientSampleId :

MC-123119-0-2-COMP-B6MSD

Tot Ion:	252	Resp:	962312
Ion Ratio	Lower	Upper	
252	100		
253	22.5	17.0	25.6
125	7.8	6.6	10.0

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#90

Benzo(a)pyrene

Concen: 58.740 ng

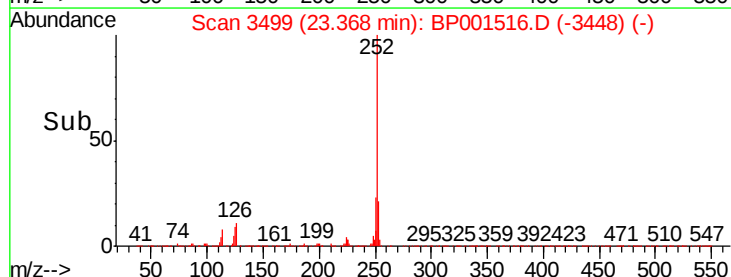
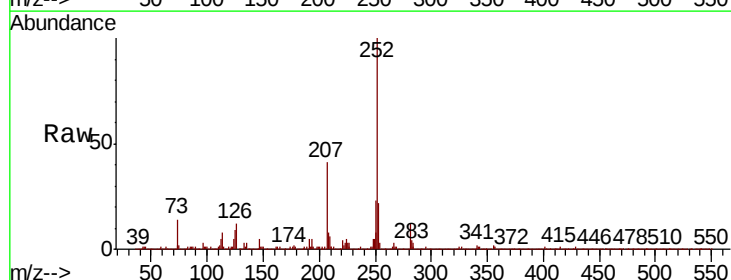
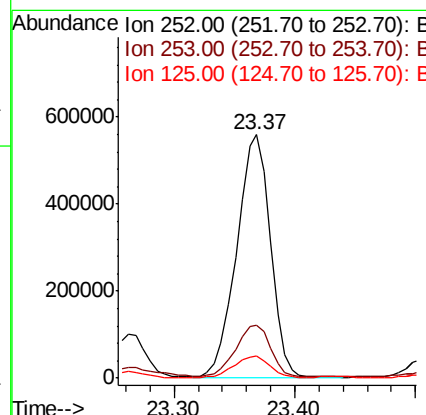
RT: 23.37 min Scan# 3499

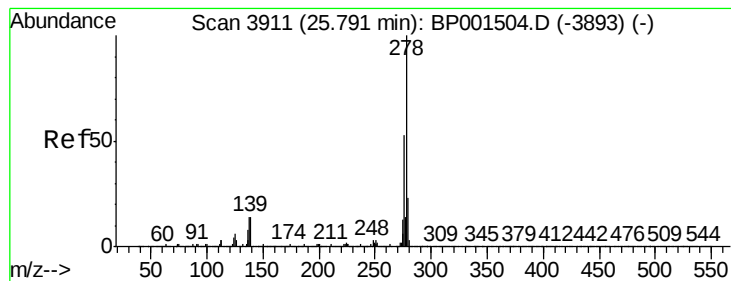
Delta R.T. 0.00 min

Lab File: BP001516.D

Acq: 03 Jan 2020 20:05

Tgt Ion:	252	Resp:	1081629
Ion Ratio	Lower	Upper	
252	100		
253	21.9	17.1	25.7
125	8.9	7.7	11.5





#91

Dibenzo(a,h)anthracene

Concen: 49.121 ng

RT: 25.78 min Scan# 3909

Delta R.T. -0.01 min

Lab File: BP001516.D

Acq: 03 Jan 2020 20:05

Instrument :

BNA_P

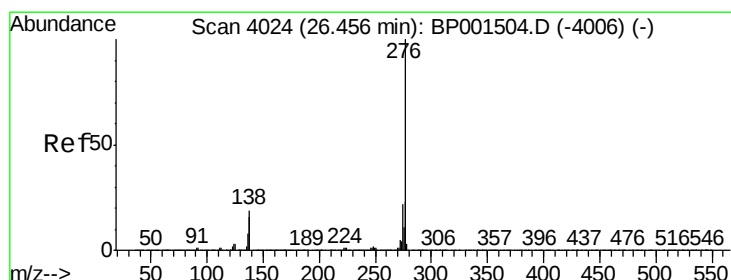
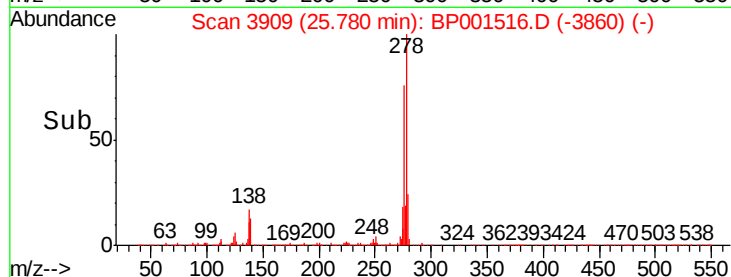
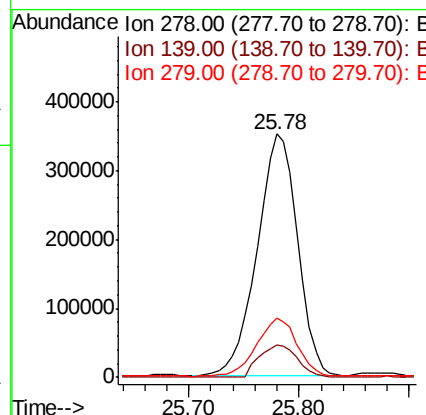
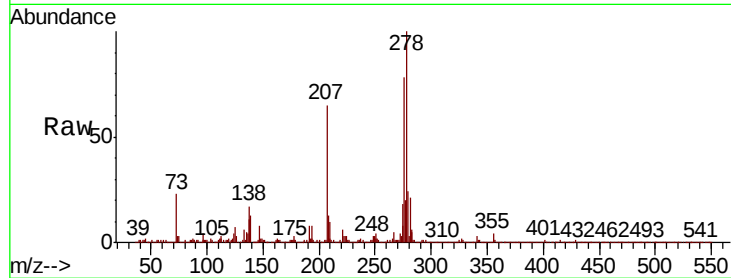
ClientSampleId :

MC-123119-0-2-COMP-B6MSD

Tot Ion:	278	Resp:	898968
Ion Ratio	Lower	Upper	
278	100		
139	13.3	11.3	16.9
279	24.3	18.2	27.2

Manual Integrations
APPROVED

mohammad
1/6/2020 11:42:45 AM



#92

Benzo(g,h,i)perylene

Concen: 58.387 ng

RT: 26.46 min Scan# 4025

Delta R.T. 0.01 min

Lab File: BP001516.D

Acq: 03 Jan 2020 20:05

Tgt Ion:	276	Resp:	1065744
Ion Ratio	Lower	Upper	
276	100		
277	24.1	18.7	28.1
138	18.4	15.0	22.4

