

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP090419\
 Data File : BP000057.D
 Acq On : 04 Sep 2019 11:21
 Operator : HP/JU
 Sample : K4554-44MS
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SB-4-(7-9)MS

Manual Integrations
 APPROVED

mohammad
 9/10/2019 9:51:17 AM

Quant Time: Sep 04 14:26:41 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP083019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 30 17:47:17 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	490930	20.00	ng	0.00
21) Naphthalene-d8	8.17	136	1779867	20.00	ng	0.00
39) Acenaphthene-d10	9.94	164	946175	20.00	ng	0.00
64) Phenanthrene-d10	11.43	188	1692529	20.00	ng	0.00
76) Chrysene-d12	14.10	240	1345483	20.00	ng	0.00
87) Perylene-d12	15.63	264	1504614	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.52	112	3745958	121.67	ng	0.01
7) Phenol-d6	6.52	99	4860235	125.05	ng	0.00
23) Nitrobenzene-d5	7.45	82	2664956	91.87	ng	0.00
42) 2,4,6-Tribromophenol	10.73	330	1105819	138.66	ng	0.00
45) 2-Fluorobiphenyl	9.26	172	4821930	85.11	ng	0.00
79) Terphenyl-d14	13.04	244	5155674	83.52	ng	0.00

Target Compounds					Qvalue
2) 1,4-Dioxane	2.72	88	508975	35.942 ng	98
3) Pyridine	3.49	79	1265915	33.180 ng	98
4) n-Nitrosodimethylamine	3.43	42	474332	38.502 ng	91
6) Aniline	6.56	93	1594162	28.342 ng	98
8) 2-Chlorophenol	6.68	128	1437955	45.171 ng	99
9) Benzaldehyde	6.44	77	937638	39.123 ng	97
10) Phenol	6.53	94	1943067	44.999 ng	98
11) bis(2-Chloroethyl)ether	6.63	93	1442486	42.288 ng	99
12) 1,3-Dichlorobenzene	6.84	146	1564984	42.147 ng	98
13) 1,4-Dichlorobenzene	6.91	146	1578329	42.687 ng	99
14) 1,2-Dichlorobenzene	7.07	146	1479018	43.536 ng	98
15) Benzyl Alcohol	7.03	79	1224037	42.955 ng	98
16) 2,2'-oxybis(1-Chloropropan	7.17	45	1414159	38.552 ng	97
17) 2-Methylphenol	7.14	107	1206867	44.143 ng	98
18) Hexachloroethane	7.41	117	576520	42.040 ng	95
19) n-Nitroso-di-n-propylamine	7.30	70	913864	41.316 ng	97
20) 3+4-Methylphenols	7.29	107	1552090	45.519 ng	# 76
22) Acetophenone	7.30	105	2026401	47.532 ng	98
24) Nitrobenzene	7.47	77	1453627	46.258 ng	97
25) Isophorone	7.71	82	2727321	44.499 ng	98
26) 2-Nitrophenol	7.79	139	646782	52.852 ng	97
27) 2,4-Dimethylphenol	7.82	122	1271410	51.486 ng	99
28) bis(2-Chloroethoxy)methane	7.92	93	1802941	45.238 ng	99
29) 2,4-Dichlorophenol	8.03	162	1259245	49.591 ng	97
30) 1,2,4-Trichlorobenzene	8.12	180	1333645	46.070 ng	99
31) Naphthalene	8.20	128	3986263	48.814 ng	98
32) Benzoic acid	7.93	122	735155	45.052 ng	96
33) 4-Chloroaniline	8.24	127	461104	11.972 ng	95
34) Hexachlorobutadiene	8.32	225	749017	45.920 ng	99
35) Caprolactam	8.60	113	417381m	46.220 ng	
36) 4-Chloro-3-methylphenol	8.72	107	1324966	47.823 ng	97
37) 2-Methylnaphthalene	8.89	142	2811830	49.271 ng	100
38) 1-Methylnaphthalene	8.99	142	2587998	48.130 ng	100
40) 1,2,4,5-Tetrachlorobenzene	9.06	216	1288710	48.120 ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.06	237	1492018	101.180	nq	99
43) 2,4,6-Trichlorophenol	9.17	196	873461	47.294	nq	99
44) 2,4,5-Trichlorophenol	9.20	196	943732	48.838	nq	95
46) 1,1'-Biphenyl	9.36	154	3267333	48.915	nq	98
47) 2-Chloronaphthalene	9.38	162	2578412	46.502	nq	99
48) 2-Nitroaniline	9.47	65	651940	43.530	nq	87
49) Acenaphthylene	9.80	152	4021191	48.875	nq	99
50) Dimethylphthalate	9.66	163	3346657	51.905	nq	99
51) 2,6-Dinitrotoluene	9.72	165	685220	50.068	nq	94
52) Acenaphthene	9.97	154	2655498	51.437	nq	99
53) 3-Nitroaniline	9.88	138	381792	23.352	nq #	88
54) 2,4-Dinitrophenol	9.99	184	503288	96.144	nq #	37
55) Dibenzofuran	10.15	168	3603733	49.158	nq	96
56) 4-Nitrophenol	10.04	139	1190238	101.852	nq	87
57) 2,4-Dinitrotoluene	10.12	165	908639	52.006	nq #	81
58) Fluorene	10.49	166	2716872	49.243	nq	99
59) 2,3,4,6-Tetrachlorophenol	10.26	232	765797	52.340	nq	96
60) Diethylphthalate	10.36	149	2969618	46.013	nq	98
61) 4-Chlorophenyl-phenylether	10.49	204	1381518	48.175	nq	95
62) 4-Nitroaniline	10.50	138	711998	45.657	nq	98
63) Azobenzene	10.65	77	2865143	46.359	nq	94
65) 4,6-Dinitro-2-methylphenol	10.53	198	355660	53.541	nq	94
66) n-Nitrosodiphenylamine	10.60	169	2502403	49.765	nq	99
67) 4-Bromophenyl-phenylether	10.97	248	845225	49.139	nq	94
68) Hexachlorobenzene	11.05	284	892142	47.602	nq #	91
69) Atrazine	11.13	200	765498	59.682	nq	99
70) Pentachlorophenol	11.24	266	1063776	104.750	nq	99
71) Phenanthrene	11.46	178	4080036	48.365	nq	99
72) Anthracene	11.52	178	4138713	49.665	nq	99
73) Carbazole	11.66	167	3898210	49.559	nq	99
74) Di-n-butylphthalate	12.00	149	4581991	48.040	nq	98
75) Fluoranthene	12.66	202	4609105	50.278	nq	97
77) Benzidine	12.77	184	1945390	41.906	nq	97
78) Pyrene	12.89	202	4601341	46.486	nq	98
80) Butylbenzylphthalate	13.52	149	2094247	47.486	nq #	88
81) Benzo(a)anthracene	14.09	228	4024735	46.162	nq	98
82) 3,3'-Dichlorobenzidine	14.05	252	1197322	37.225	nq	100
83) Chrysene	14.13	228	3912228	47.440	nq	98
84) Bis(2-ethylhexyl)phthalate	14.09	149	2754431	47.992	nq	98
85) Di-n-octyl phthalate	14.72	149	4871711	48.169	nq	97
86) Indeno(1,2,3-cd)pyrene	17.19	276	4983158	48.222	nq	98
88) Benzo(b)fluoranthene	15.17	252	4363534	47.479	nq	98
89) Benzo(k)fluoranthene	15.21	252	4071067	48.406	nq	99
90) Benzo(a)pyrene	15.56	252	4173476	50.306	nq	98
91) Dibenzo(a,h)anthracene	17.20	278	4032793	48.608	nq	99
92) Benzo(g,h,i)perylene	17.65	276	4070218	49.566	nq	98

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

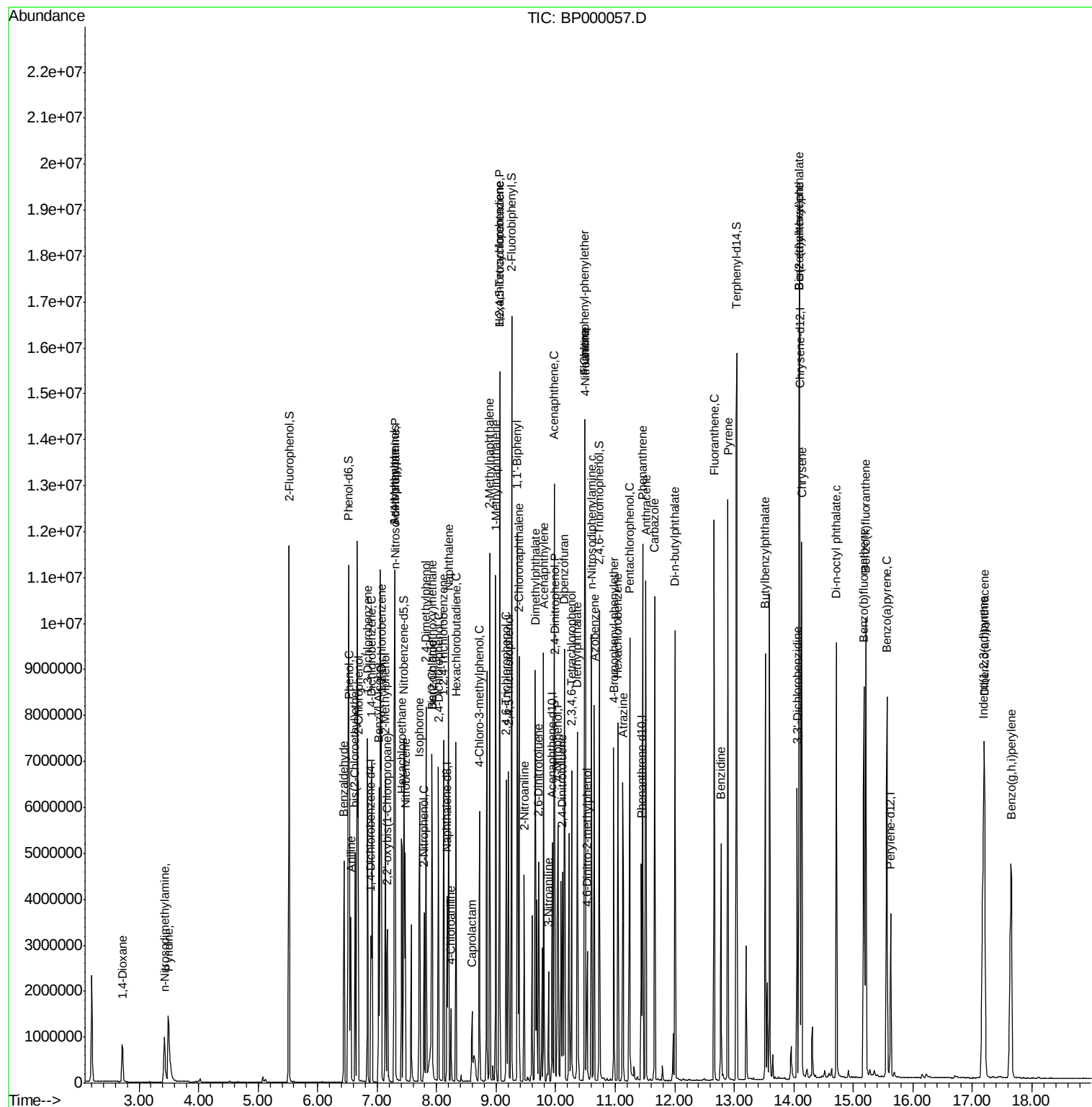
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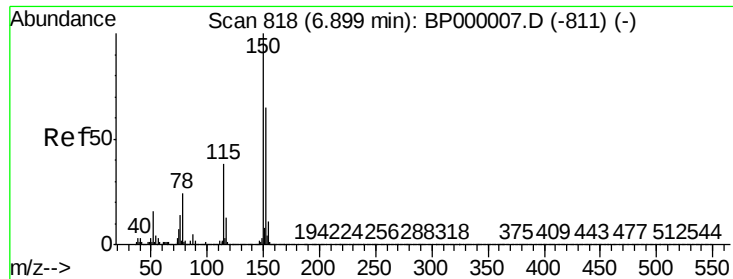
Instrument :
BNA_P
Client Sampled :
SB-4-(7-9)MS

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#1

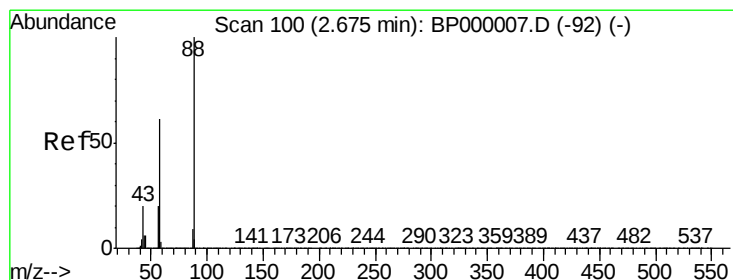
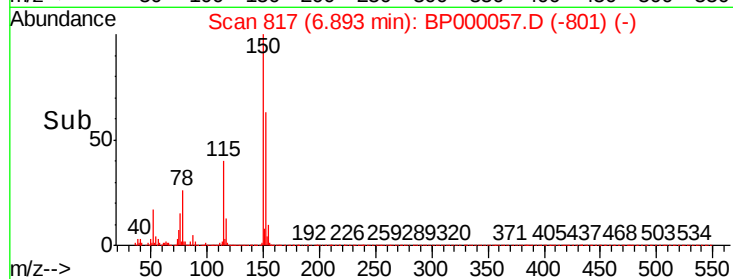
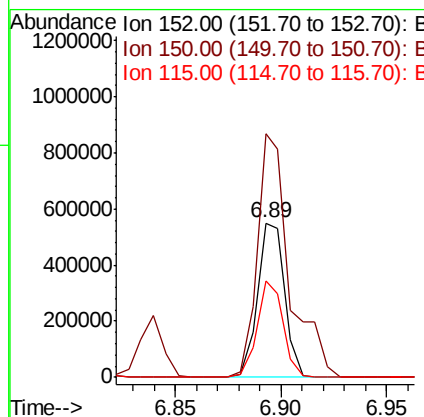
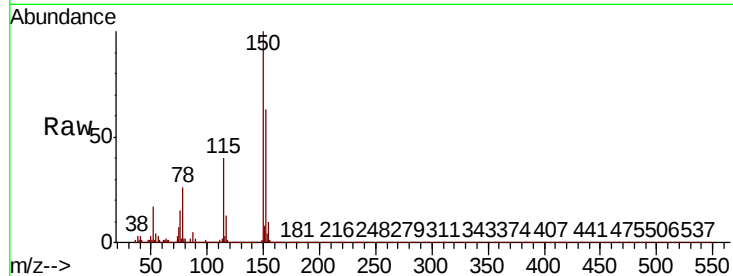
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.89 min Scan# 817
Delta R.T. -0.01 min
Lab File: BP000057.D
Acq: 04 Sep 2019 11:21

Instrument :
BNA_P
ClientSampleId :
SB-4-(7-9)MS

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.8	123.0	184.6
115	62.6	46.7	70.1

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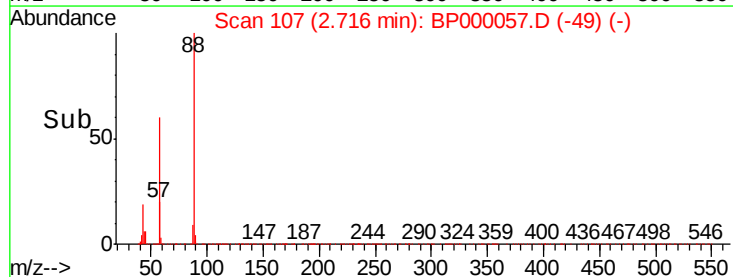
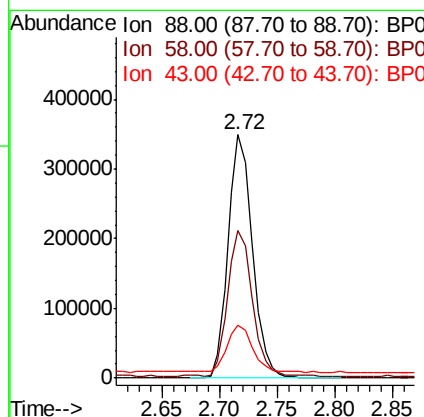
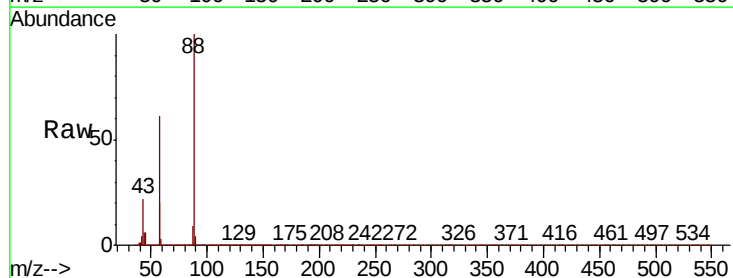
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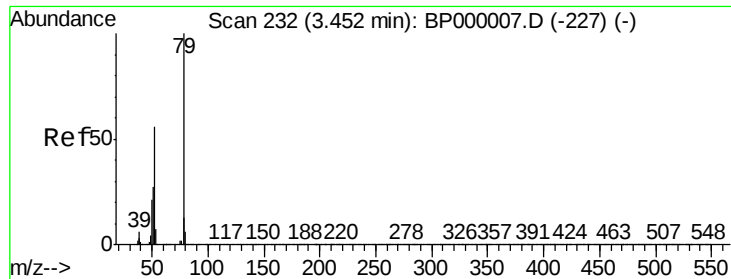


#2

1,4-Dioxane
Concen: 35.942 ng
RT: 2.72 min Scan# 107
Delta R.T. 0.04 min
Lab File: BP000057.D
Acq: 04 Sep 2019 11:21

Tgt Ion	Ratio	Lower	Upper
88	100		
58	60.7	49.8	74.8
43	20.5	16.9	25.3





#3

Pvridine

Concen: 33.180 ng

RT: 3.49 min Scan# 239

Delta R.T. 0.04 min

Lab File: BP000057.D

Acq: 04 Sep 2019 11:21

Instrument :

BNA_P

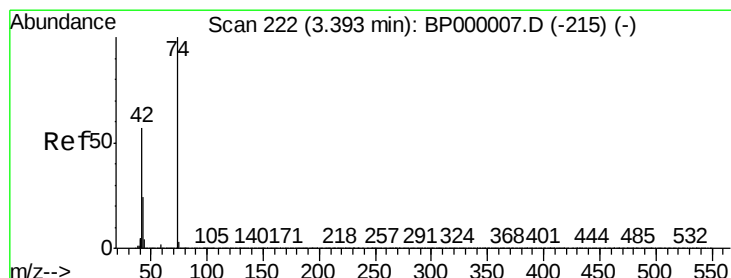
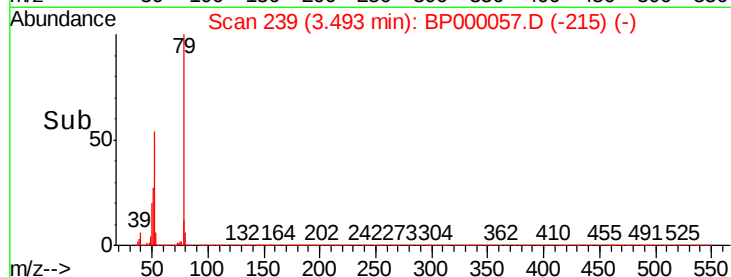
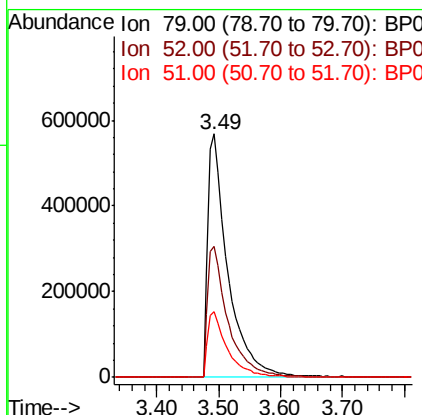
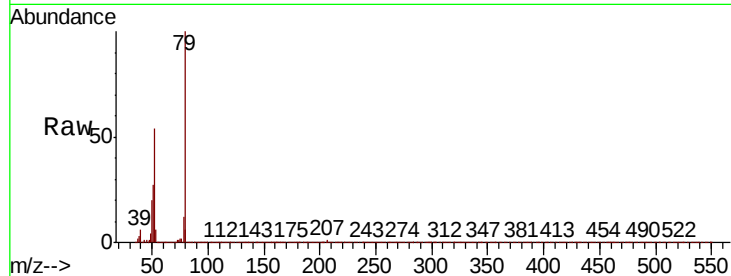
ClientSampleId :

SB-4-(7-9)MS

Tot Ion:	79	Resp:	1265915
Ion	Ratio	Lower	Upper
79	100		
52	53.8	44.5	66.7
51	26.8	21.8	32.6

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#4

n-Nitrosodimethylamine

Concen: 38.502 ng

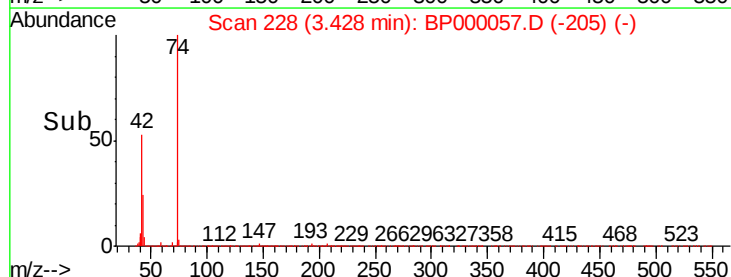
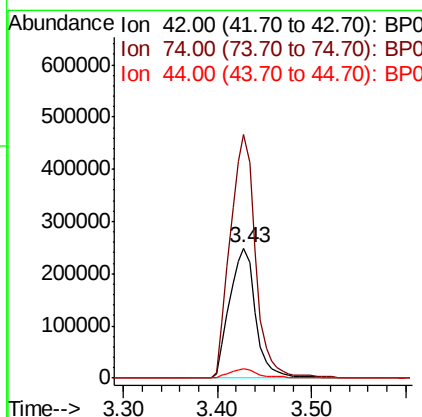
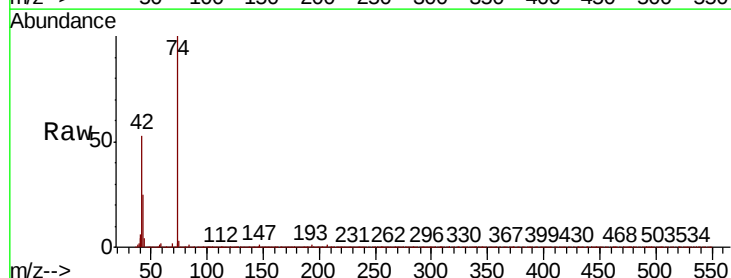
RT: 3.43 min Scan# 228

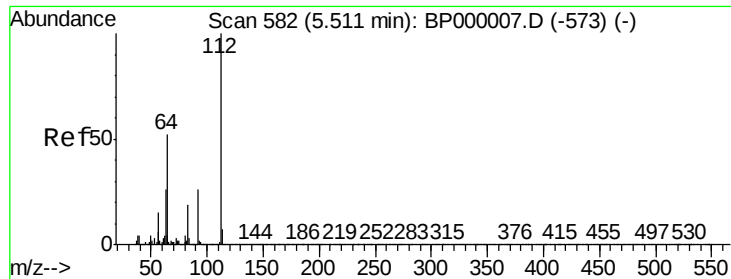
Delta R.T. 0.04 min

Lab File: BP000057.D

Acq: 04 Sep 2019 11:21

Tgt Ion:	42	Resp:	474332
Ion	Ratio	Lower	Upper
42	100		
74	187.4	139.9	209.9
44	7.1	6.9	10.3





#5

2-Fluorophenol

Concen: 121.675 ng

RT: 5.52 min Scan# 584

Delta R.T. 0.01 min

Lab File: BP000057.D

Acq: 04 Sep 2019 11:21

Instrument :

BNA_P

ClientSampleId :

SB-4-(7-9)MS

Tot Ion:112 Resp: 3745958

Ion Ratio Lower Upper

112 100

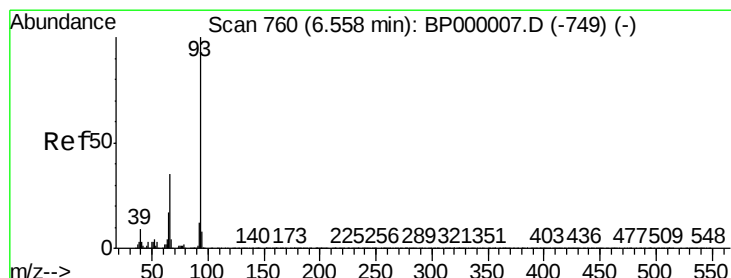
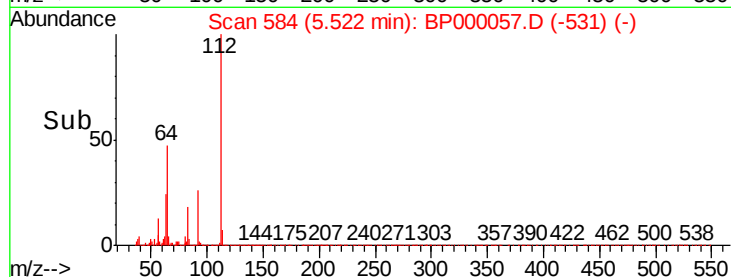
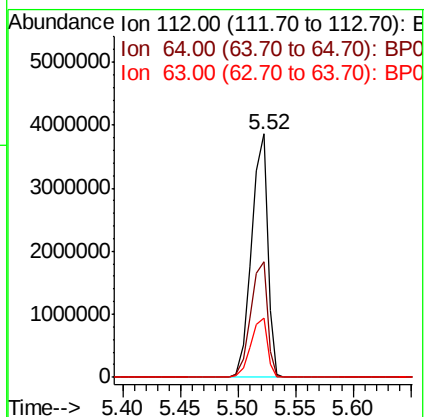
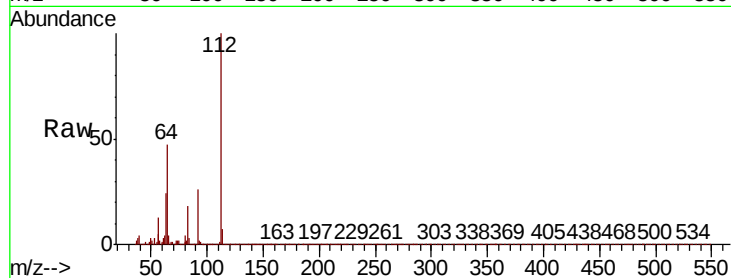
64 47.3 41.8 62.8

63 24.2 21.0 31.4

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#6

Aniline

Concen: 28.342 ng

RT: 6.56 min Scan# 760

Delta R.T. -0.00 min

Lab File: BP000057.D

Acq: 04 Sep 2019 11:21

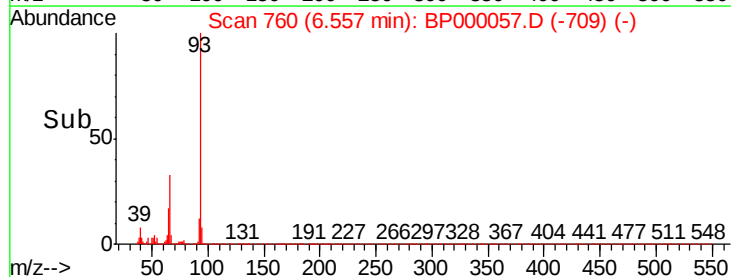
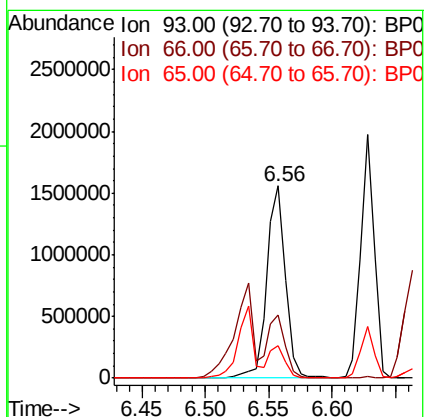
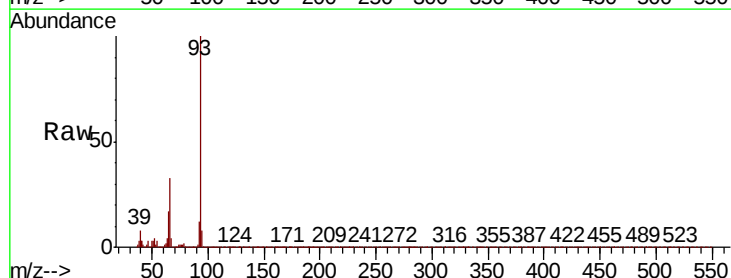
Tgt Ion: 93 Resp: 1594162

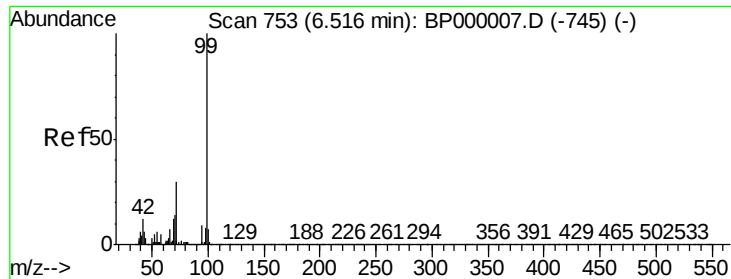
Ion Ratio Lower Upper

93 100

66 33.2 27.8 41.8

65 16.7 13.9 20.9





#7

Phenol-d6

Concen: 125.053 ng

RT: 6.52 min Scan# 754

Delta R.T. 0.01 min

Lab File: BP000057.D

Acq: 04 Sep 2019 11:21

Instrument :

BNA_P

ClientSampleId :

SB-4-(7-9)MS

Tot Ion: 99 Resp: 4860235

Ion Ratio Lower Upper

99 100

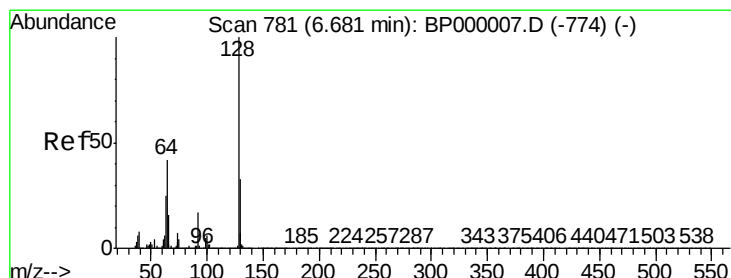
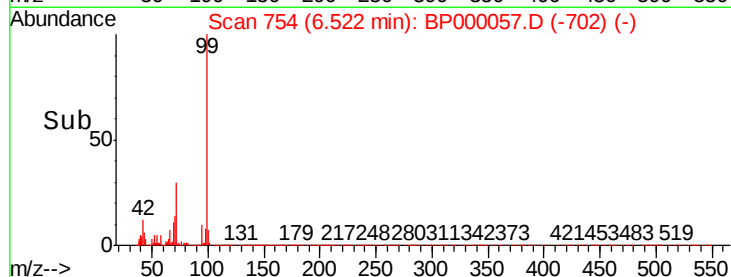
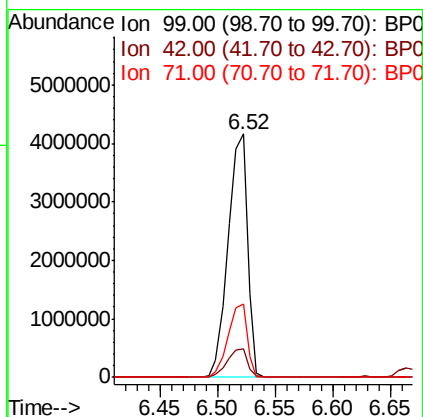
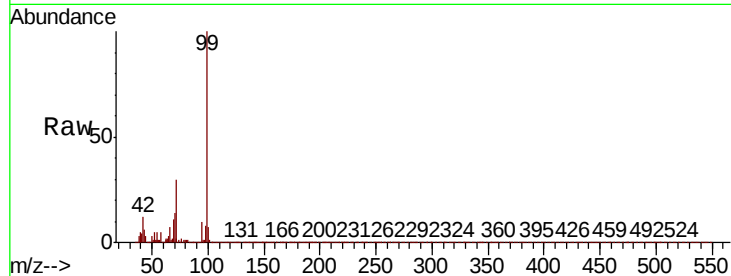
42 11.7 9.8 14.8

71 30.3 23.8 35.8

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#8

2-Chlorophenol

Concen: 45.171 ng

RT: 6.68 min Scan# 781

Delta R.T. -0.00 min

Lab File: BP000057.D

Acq: 04 Sep 2019 11:21

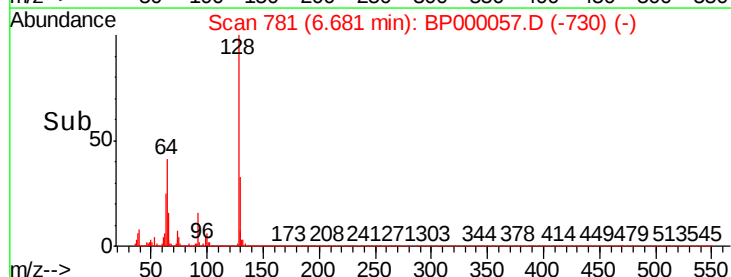
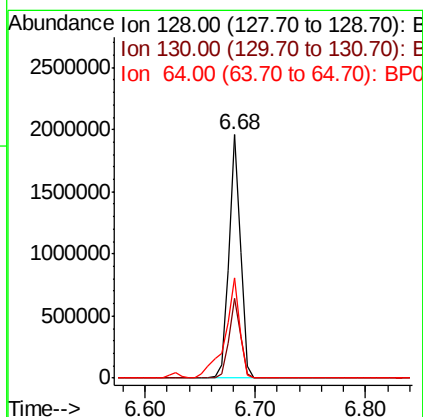
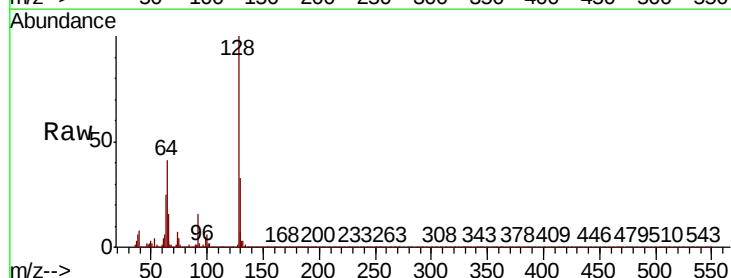
Tgt Ion: 128 Resp: 1437955

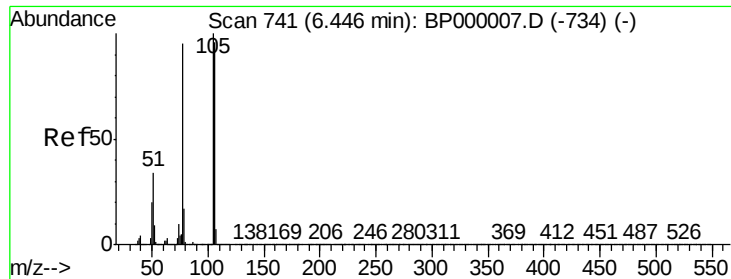
Ion Ratio Lower Upper

128 100

130 32.8 13.0 53.0

64 41.4 22.0 62.0





#9

Benzaldehyde

Concen: 39.123 ng

RT: 6.44 min Scan# 740

Delta R.T. -0.01 min

Lab File: BP000057.D

Acq: 04 Sep 2019 11:21

Instrument :

BNA_P

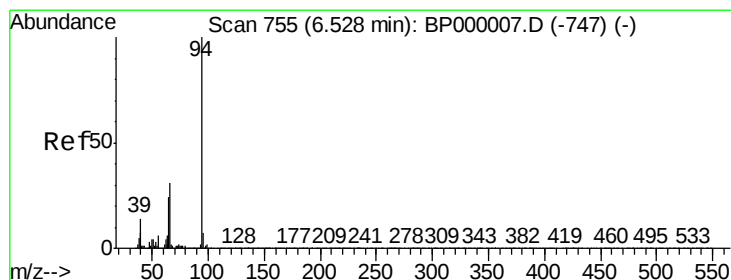
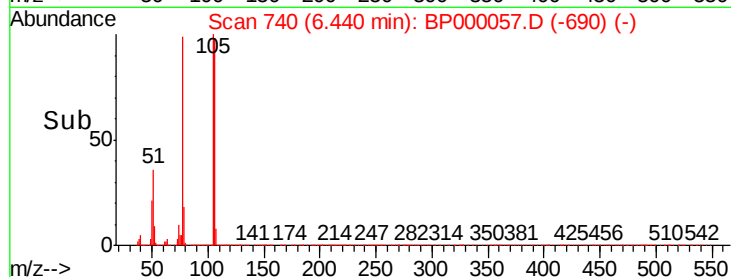
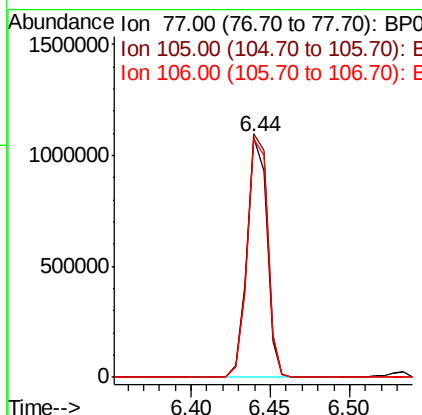
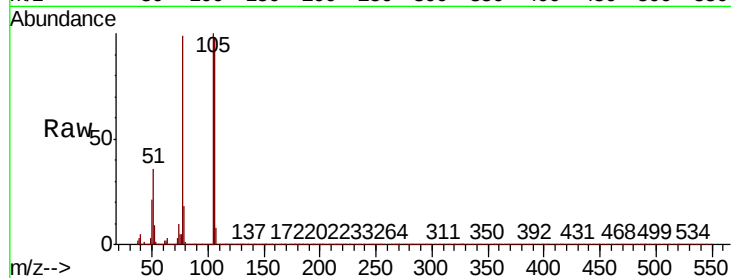
ClientSampleId :

SB-4-(7-9)MS

Tot Ion:	77	Resp:	937638
Ion	Ratio	Lower	Upper
77	100		
105	101.5	85.1	125.1
106	99.3	80.8	120.8

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#10

Phenol

Concen: 44.999 ng

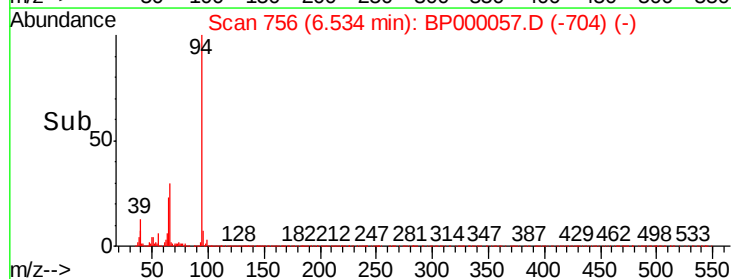
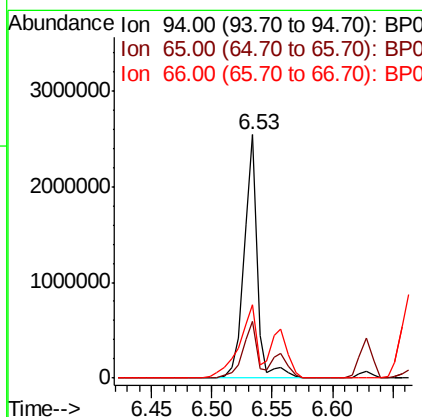
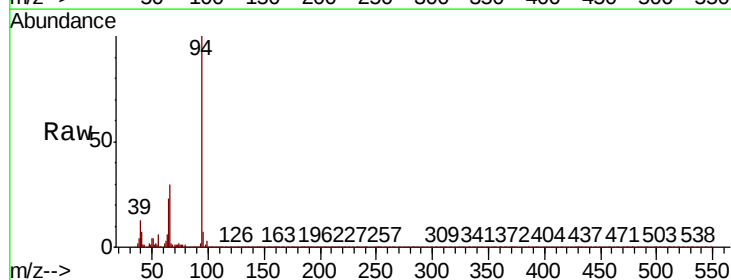
RT: 6.53 min Scan# 756

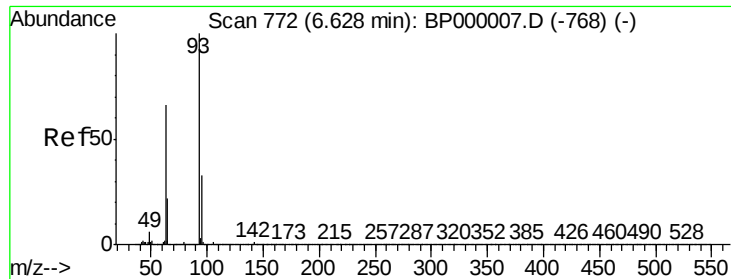
Delta R.T. 0.01 min

Lab File: BP000057.D

Acq: 04 Sep 2019 11:21

Tgt Ion:	94	Resp:	1943067
Ion	Ratio	Lower	Upper
94	100		
65	23.2	4.1	44.1
66	30.3	11.4	51.4





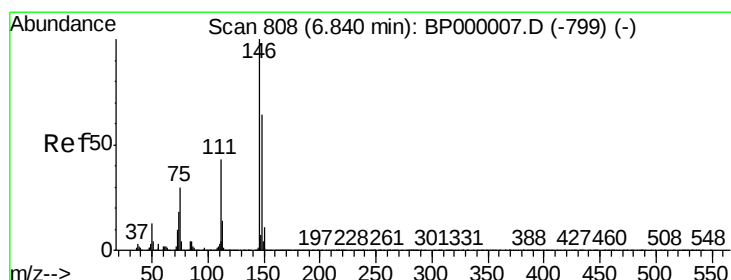
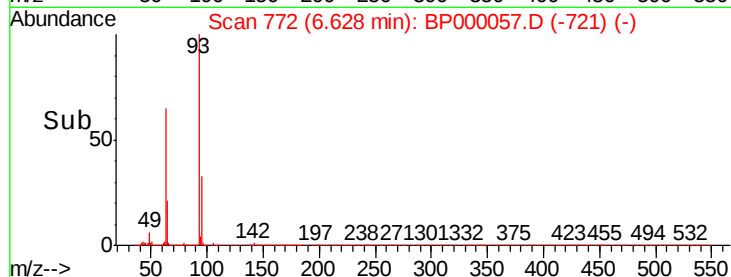
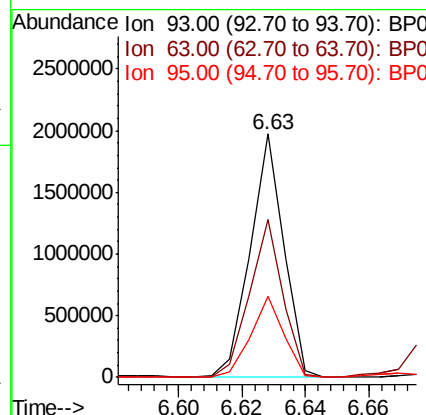
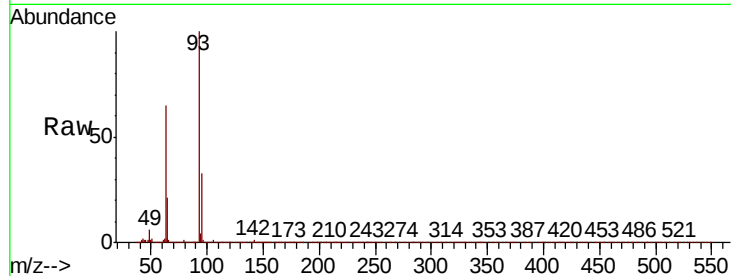
#11
bis(2-Chloroethyl)ether
Concen: 42.288 ng
RT: 6.63 min Scan# 772
Delta R.T. -0.00 min
Lab File: BP000057.D
Acq: 04 Sep 2019 11:21

Instrument :
BNA_P
ClientSampleId :
SB-4-(7-9)MS

Tot Ion:	93	Resp:	1442486
Ion	Ratio	Lower	Upper
93	100		
63	64.9	46.0	86.0
95	33.1	12.7	52.7

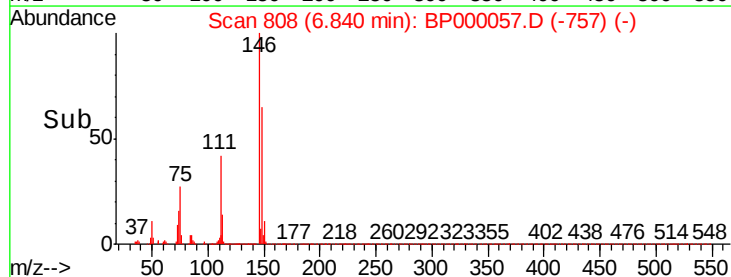
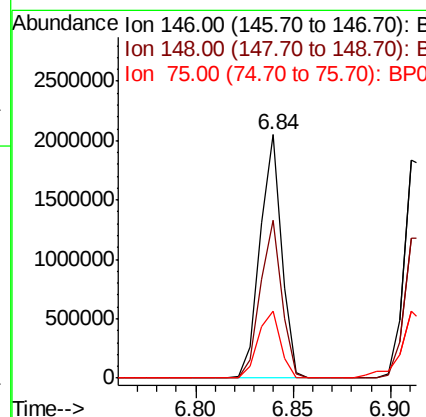
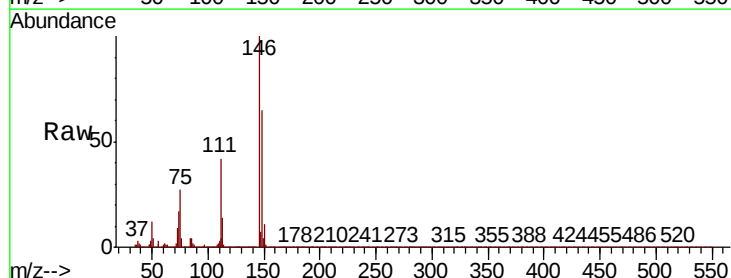
Manual Integrations
APPROVED

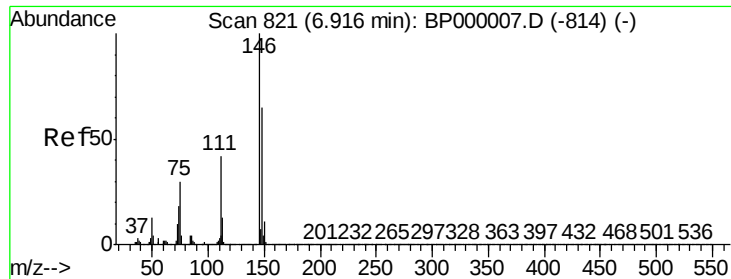
mohammad
9/10/2019 9:51:17 AM



#12
1,3-Dichlorobenzene
Concen: 42.147 ng
RT: 6.84 min Scan# 808
Delta R.T. -0.00 min
Lab File: BP000057.D
Acq: 04 Sep 2019 11:21

Tgt Ion:	146	Resp:	1564984
Ion	Ratio	Lower	Upper
146	100		
148	65.0	51.4	77.2
75	27.5	24.0	36.0





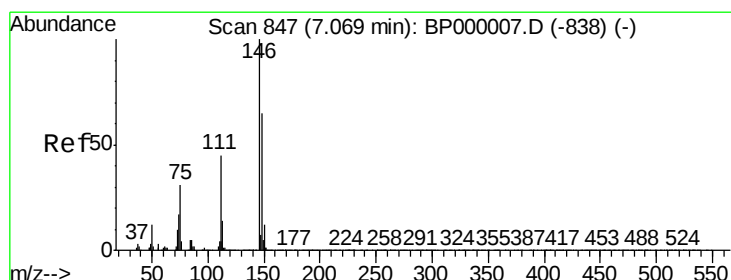
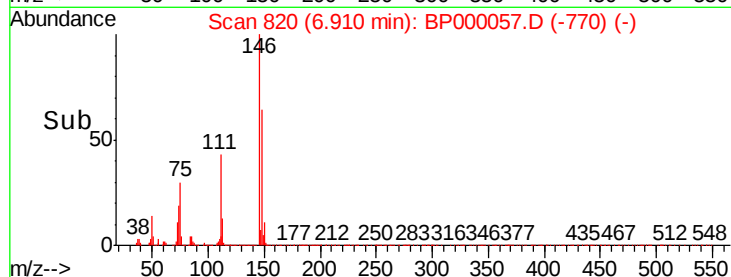
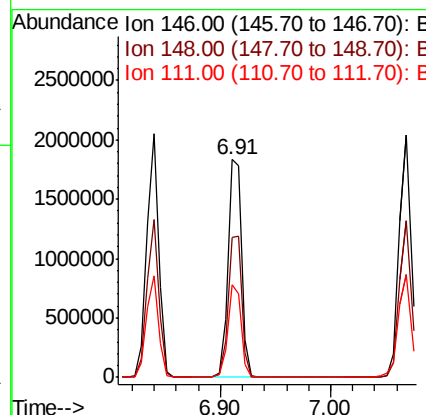
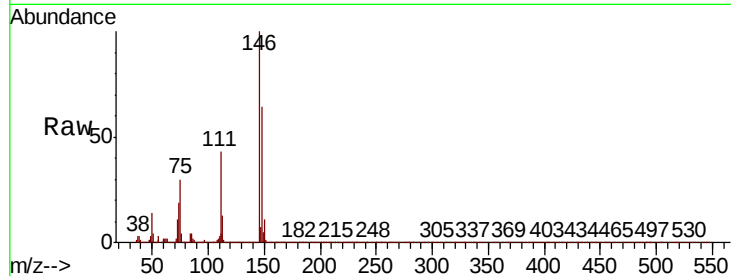
#13
1,4-Dichlorobenzene
Concen: 42.687 ng
RT: 6.91 min Scan# 820
Delta R.T. -0.01 min
Lab File: BP000057.D
Acq: 04 Sep 2019 11:21

Instrument :
BNA_P
ClientSampleId :
SB-4-(7-9)MS

Tot Ion	Ratio	Lower	Upper
146	100		
148	64.1	51.6	77.4
111	42.6	33.4	50.0

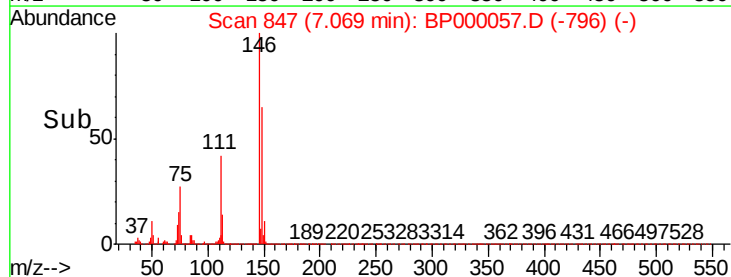
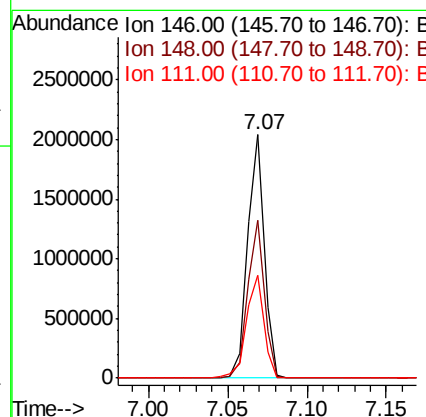
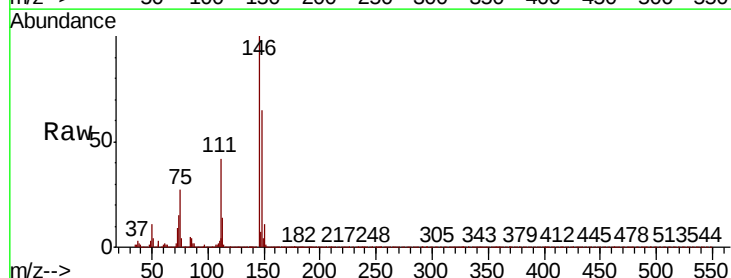
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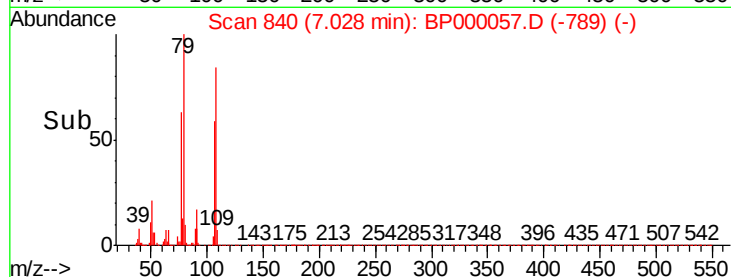
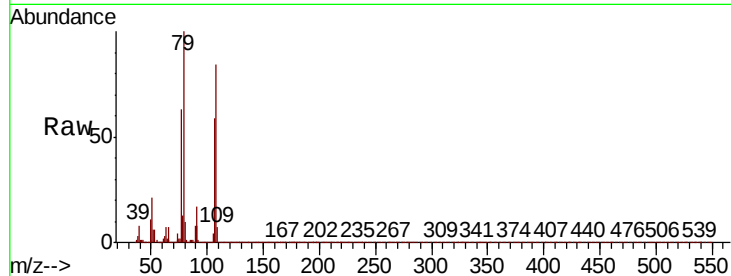
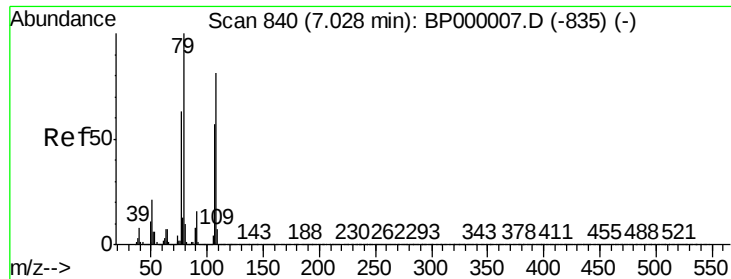
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#14
1,2-Dichlorobenzene
Concen: 43.536 ng
RT: 7.07 min Scan# 847
Delta R.T. -0.00 min
Lab File: BP000057.D
Acq: 04 Sep 2019 11:21

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.8	51.8	77.8
111	42.2	36.4	54.6





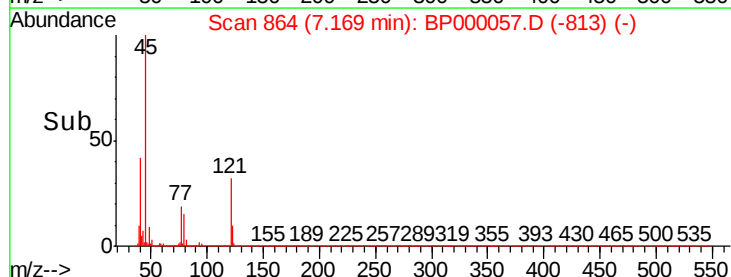
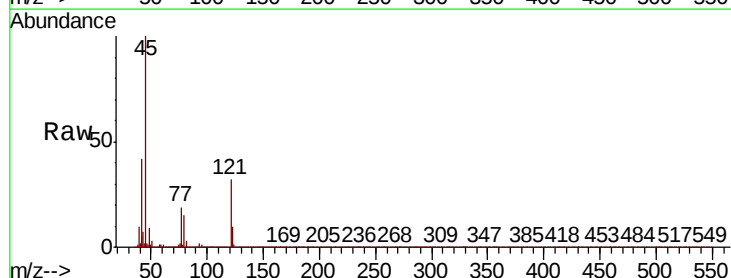
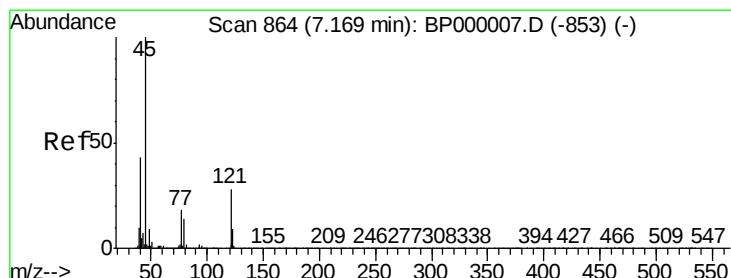
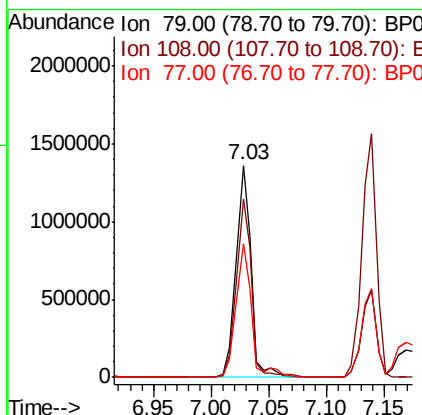
#15
Benzyl Alcohol
Concen: 42.955 ng
RT: 7.03 min Scan# 840
Delta R.T. -0.00 min
Lab File: BP000057.D
Acq: 04 Sep 2019 11:21

Tot Ion	Ratio	Lower	Upper
79	100		
108	84.3	64.5	96.7
77	62.7	50.3	75.5

Instrument :
BNA_P
ClientSampleId :
SB-4-(7-9)MS

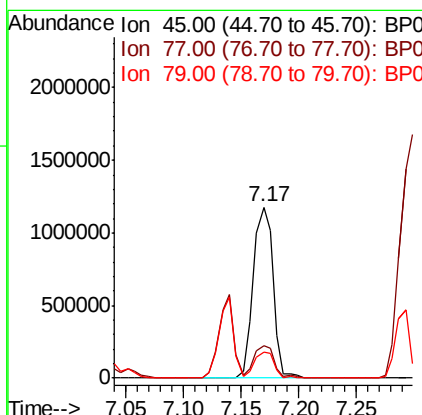
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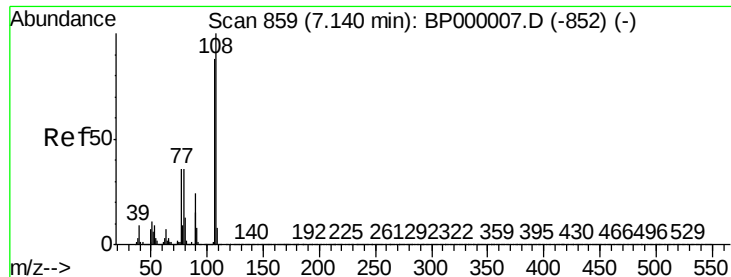
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 38.552 ng
RT: 7.17 min Scan# 864
Delta R.T. -0.00 min
Lab File: BP000057.D
Acq: 04 Sep 2019 11:21

Tgt Ion	Ratio	Lower	Upper
45	100		
77	19.1	0.0	38.0
79	15.0	0.0	33.9





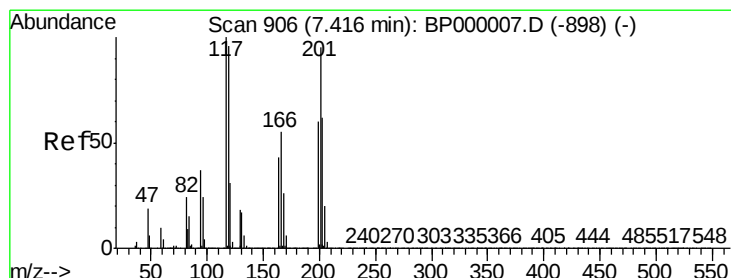
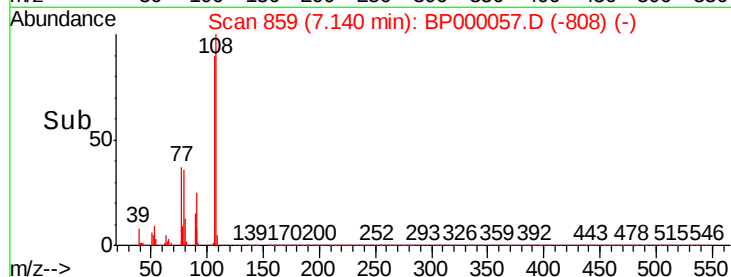
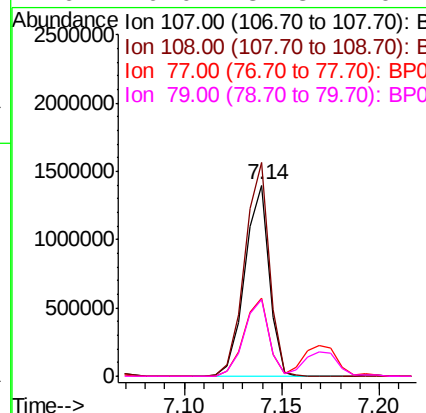
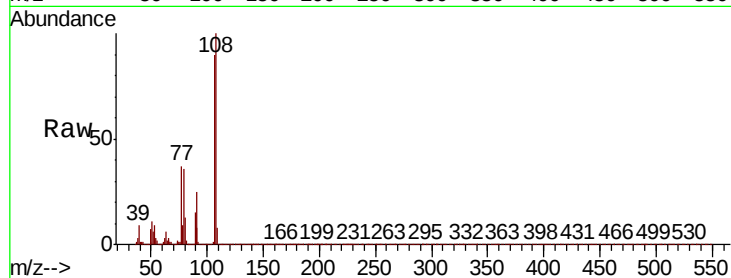
#17
2-Methylphenol
Concen: 44.143 ng
RT: 7.14 min Scan# 859
Delta R.T. -0.00 min
Lab File: BP000057.D
Acq: 04 Sep 2019 11:21

Instrument :
BNA_P
ClientSampleId :
SB-4-(7-9)MS

Tot Ion	Ratio	Resp	Lower	Upper
107	100	1206867		
108	111.7	90.9	136.3	
77	41.0	33.2	49.8	
79	40.0	32.8	49.2	

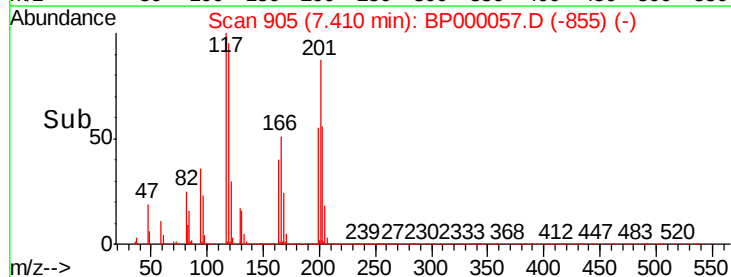
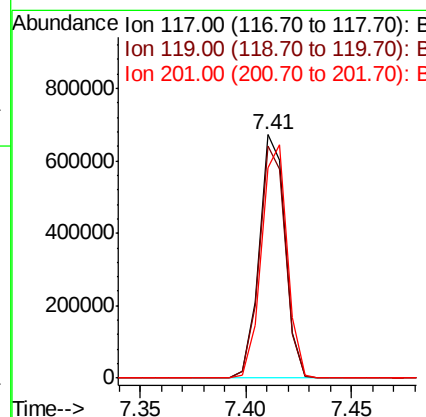
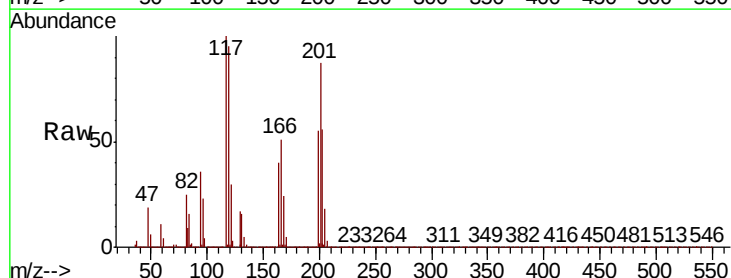
Manual Integrations
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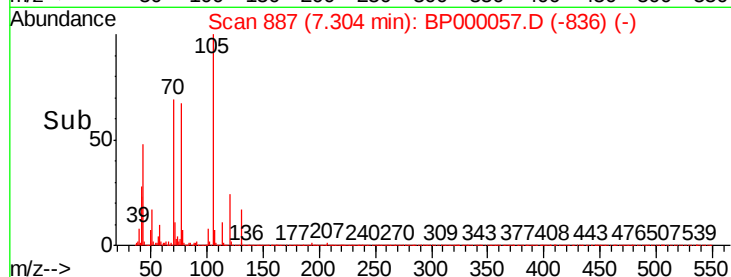
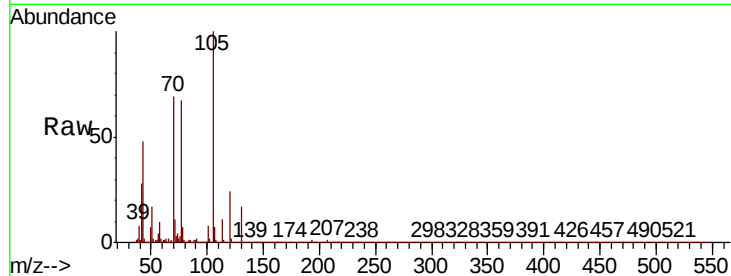
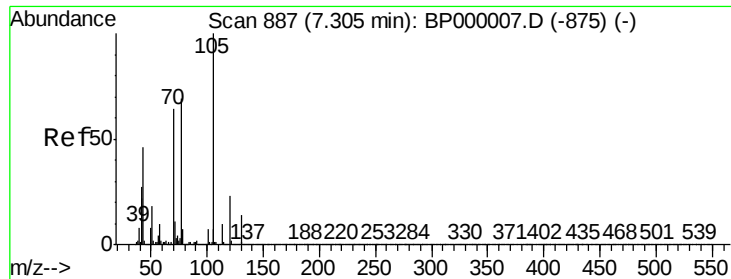
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#18
Hexachloroethane
Concen: 42.040 ng
RT: 7.41 min Scan# 905
Delta R.T. -0.01 min
Lab File: BP000057.D
Acq: 04 Sep 2019 11:21

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	576520		
119	95.1	77.0	115.6	
201	86.6	76.2	114.4	





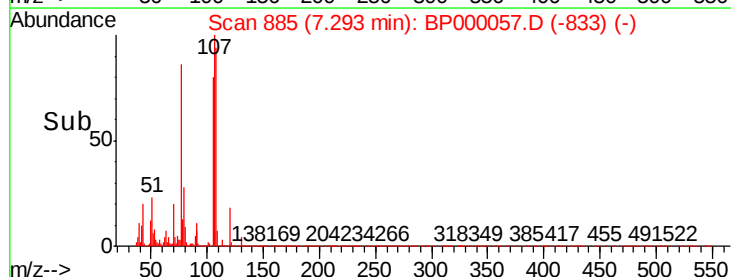
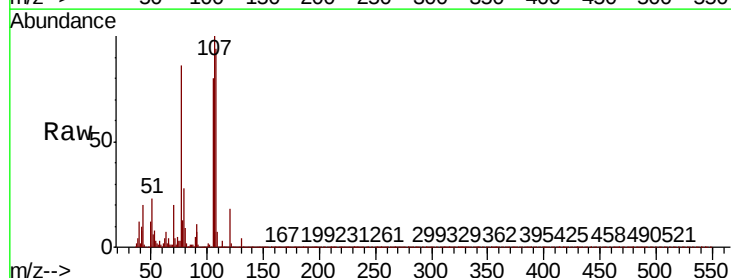
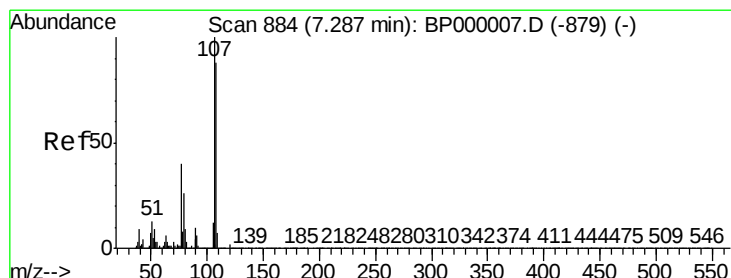
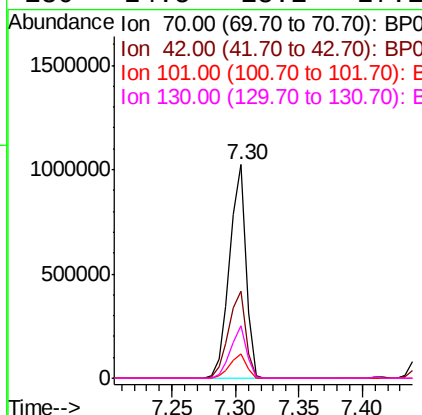
#19
n-Nitroso-di-n-propylamine
Concen: 41.316 ng
RT: 7.30 min Scan# 887
Delta R.T. -0.00 min
Lab File: BP000057.D
Acq: 04 Sep 2019 11:21

Instrument :
BNA_P
ClientSampleId :
SB-4-(7-9)MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
70	100				
42	40.6	33.8	50.6		
101	11.3	8.7	13.1		
130	24.5	18.1	27.1		

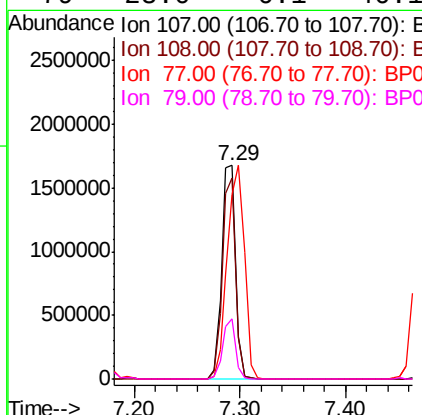
Manual Integrations
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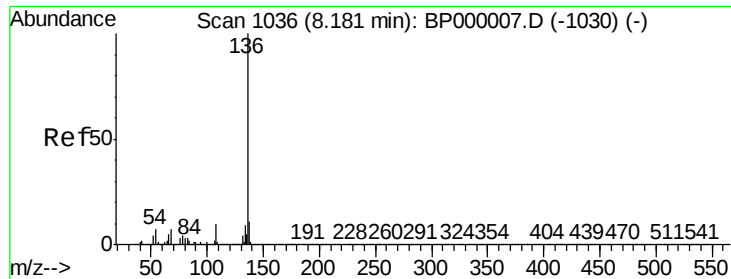
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#20
3+4-Methylphenols
Concen: 45.519 ng
RT: 7.29 min Scan# 885
Delta R.T. 0.01 min
Lab File: BP000057.D
Acq: 04 Sep 2019 11:21

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100				
108	94.3	68.1	108.1		
77	86.2	19.8	59.8#		
79	28.0	6.1	46.1		





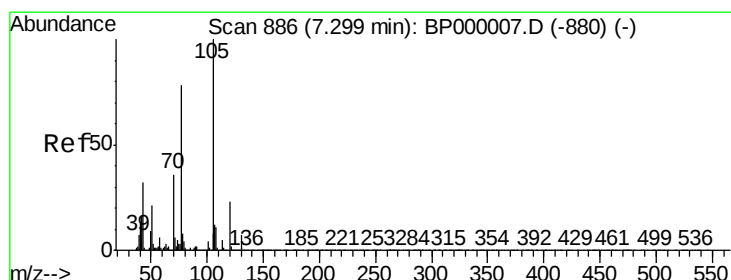
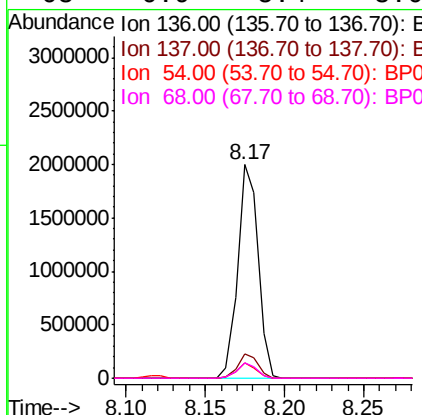
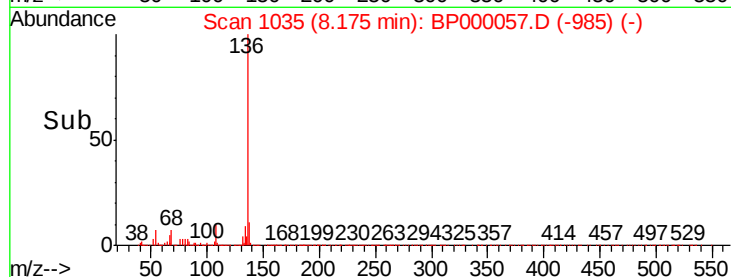
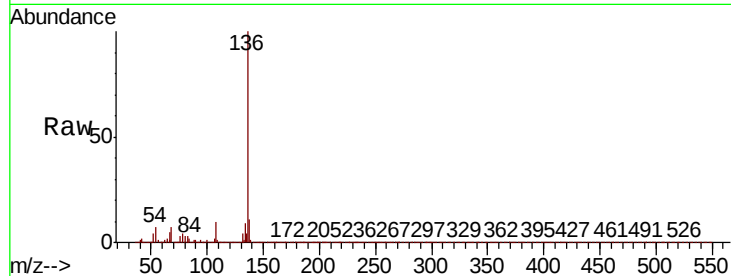
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.17 min Scan# 1035
Delta R.T. -0.01 min
Lab File: BP000057.D
Acq: 04 Sep 2019 11:21

Instrument :
BNA_P
ClientSampleId :
SB-4-(7-9)MS

Tot Ion	Ion	Ratio	Lower	Upper
136	100			
137	11.2	8.6	13.0	
54	7.1	5.4	8.2	
68	6.9	5.4	8.0	

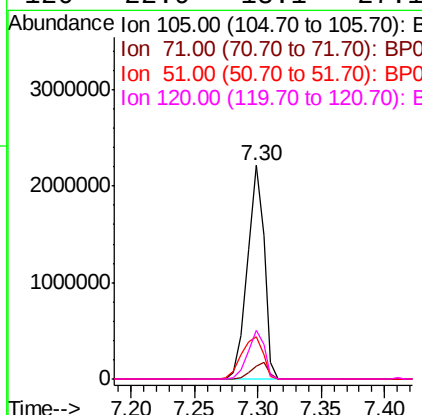
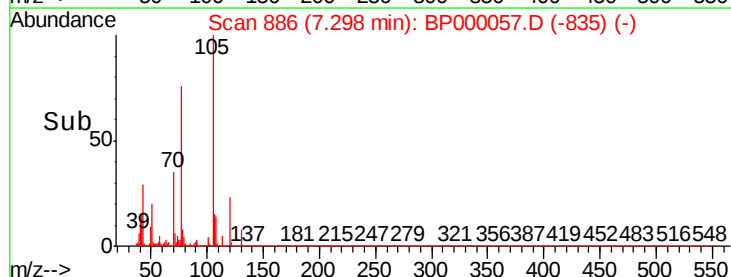
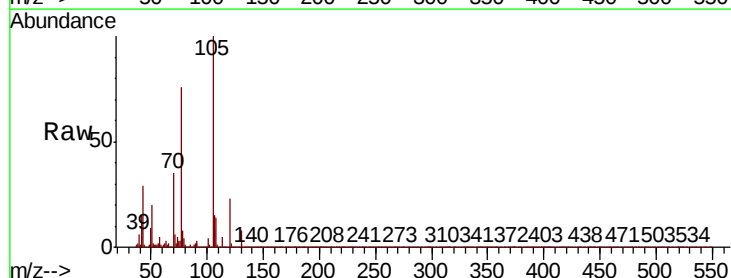
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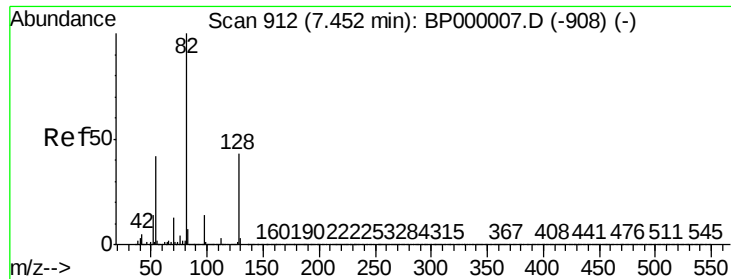
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#22
Acetophenone
Concen: 47.532 ng
RT: 7.30 min Scan# 886
Delta R.T. -0.00 min
Lab File: BP000057.D
Acq: 04 Sep 2019 11:21

Tgt Ion	Ion	Ratio	Lower	Upper
105	100			
71	6.0	4.8	7.2	
51	19.7	17.0	25.4	
120	22.9	18.1	27.1	





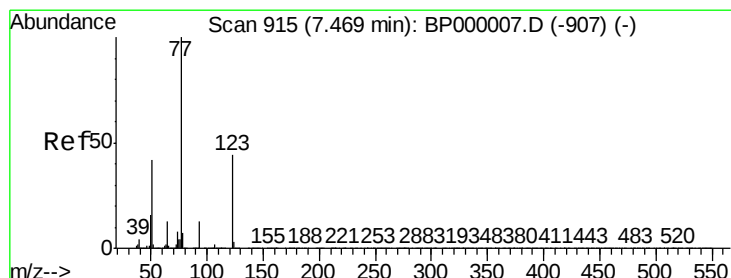
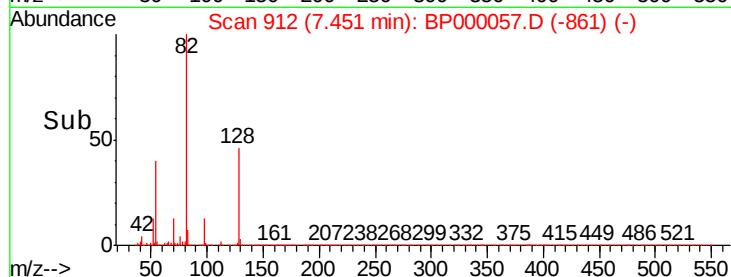
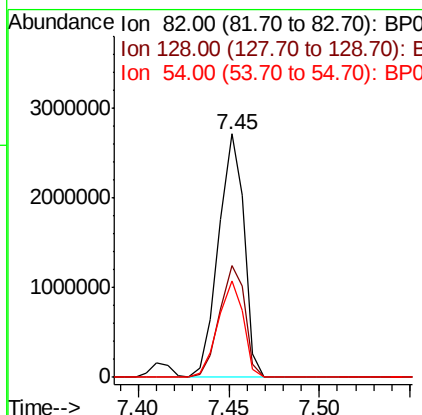
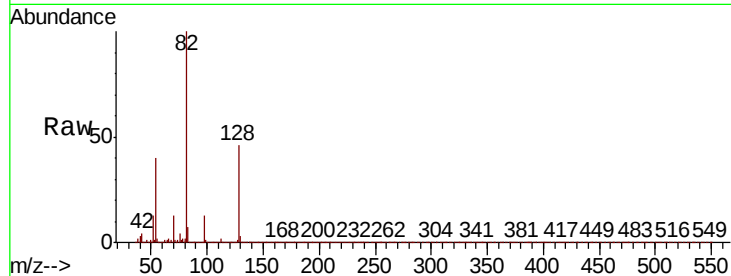
#23
Nitrobenzene-d5
Concen: 91.873 ng
RT: 7.45 min Scan# 912
Delta R.T. -0.00 min
Lab File: BP000057.D
Acq: 04 Sep 2019 11:21

Instrument :
BNA_P
ClientSampleId :
SB-4-(7-9)MS

Tot Ion	82	Resp	2664956
Ion	Ratio	Lower	Upper
82	100		
128	46.1	34.5	51.7
54	39.6	33.2	49.8

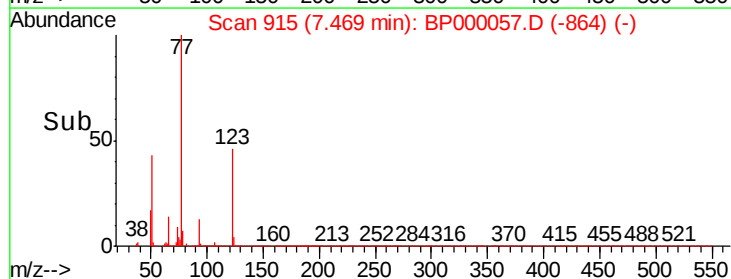
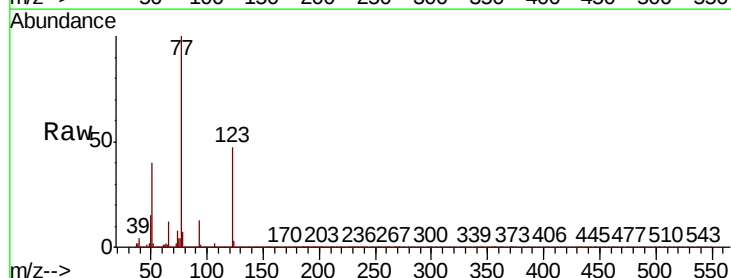
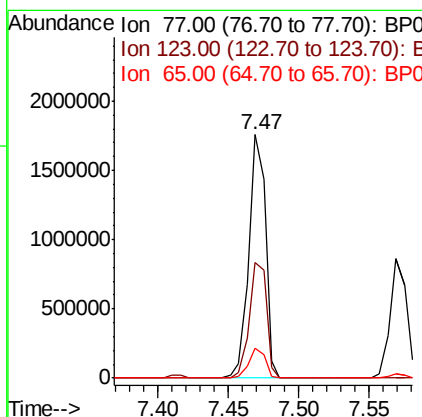
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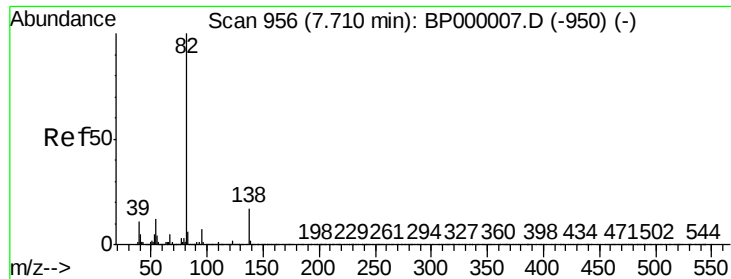
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#24
Nitrobenzene
Concen: 46.258 ng
RT: 7.47 min Scan# 915
Delta R.T. -0.00 min
Lab File: BP000057.D
Acq: 04 Sep 2019 11:21

Tgt Ion	77	Resp	1453627
Ion	Ratio	Lower	Upper
77	100		
123	47.3	35.8	53.8
65	12.1	10.1	15.1





#25

Isophorone

Concen: 44.499 ng

RT: 7.71 min Scan# 956

Delta R.T. -0.00 min

Lab File: BP000057.D

Acq: 04 Sep 2019 11:21

Instrument :

BNA_P

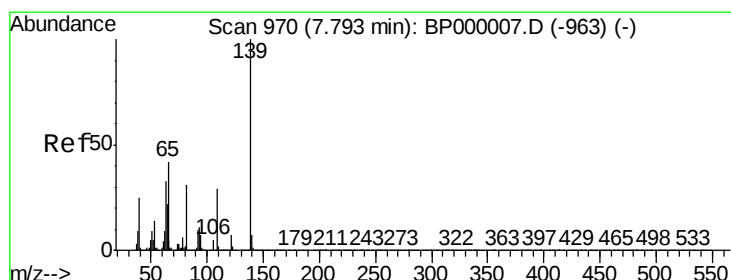
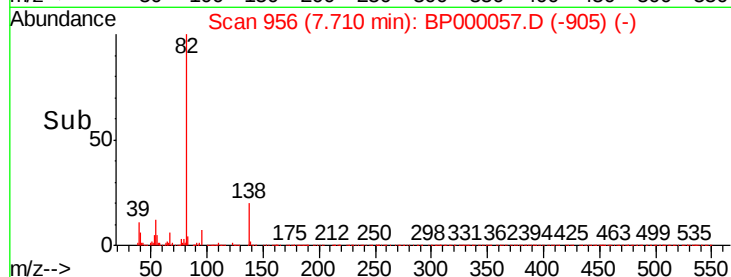
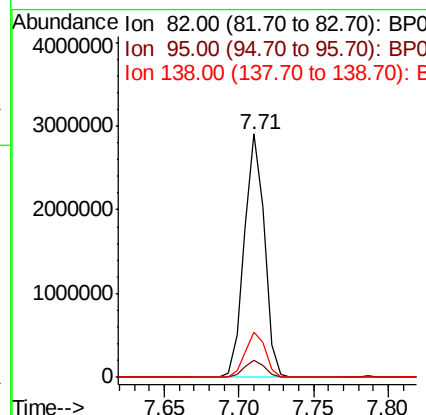
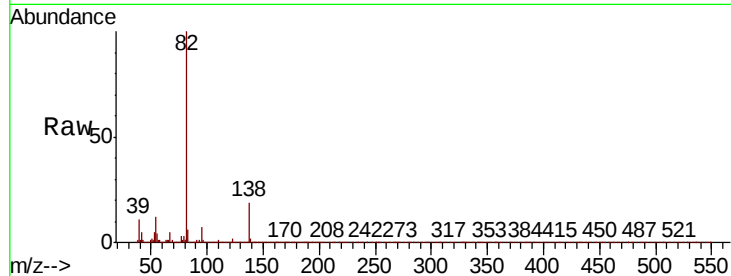
ClientSampleId :

SB-4-(7-9)MS

Tot Ion:	82	Resp:	2727321
Ion	Ratio	Lower	Upper
82	100		
95	7.0	5.6	8.4
138	18.6	13.8	20.6

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#26

2-Nitrophenol

Concen: 52.852 ng

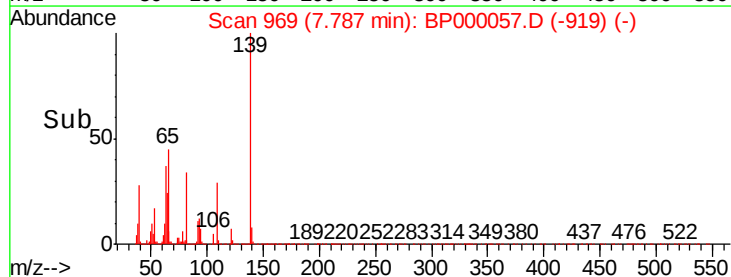
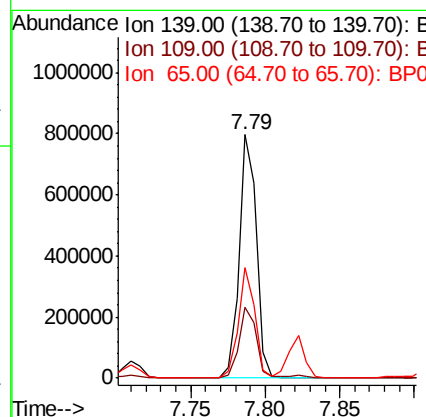
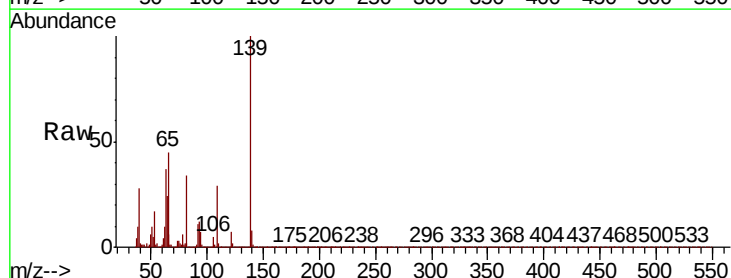
RT: 7.79 min Scan# 969

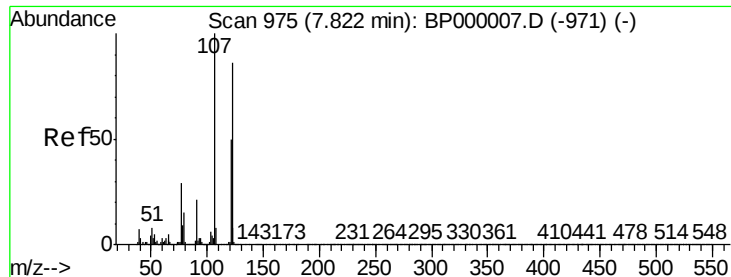
Delta R.T. -0.01 min

Lab File: BP000057.D

Acq: 04 Sep 2019 11:21

Tgt Ion:	139	Resp:	646782
Ion	Ratio	Lower	Upper
139	100		
109	29.3	23.4	35.0
65	45.3	33.4	50.0





#27

2,4-Dimethylphenol

Concen: 51.486 ng

RT: 7.82 min Scan# 975

Delta R.T. -0.00 min

Lab File: BP000057.D

Acq: 04 Sep 2019 11:21

Instrument :

BNA_P

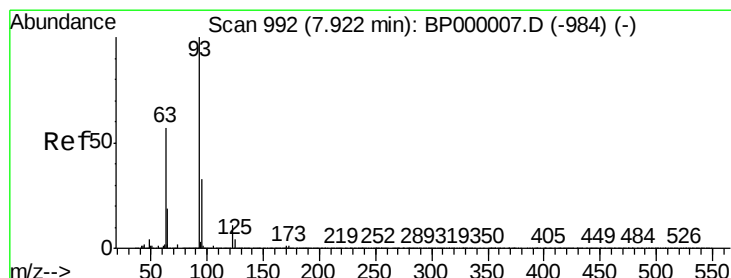
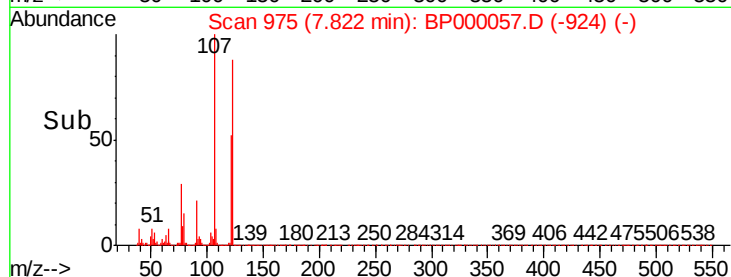
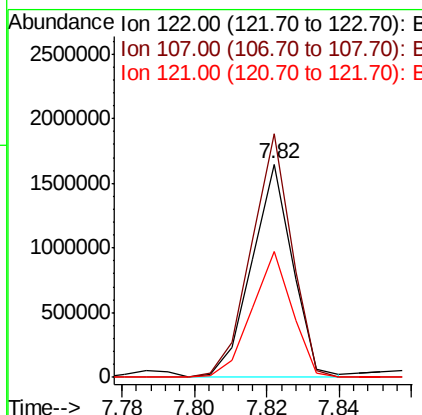
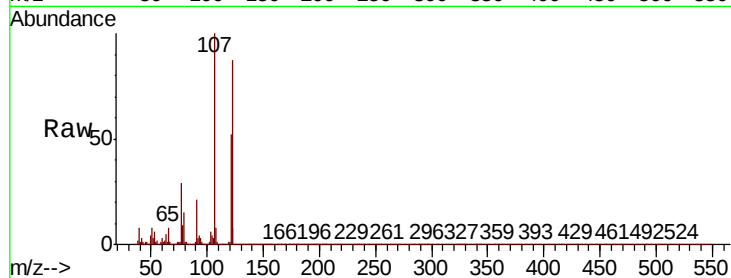
ClientSampleId :

SB-4-(7-9)MS

Tot Ion:	122	Resp:	1271410
Ion	Ratio	Lower	Upper
122	100		
107	114.3	92.9	139.3
121	59.0	46.8	70.2

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#28

bis(2-Chloroethoxy)methane

Concen: 45.238 ng

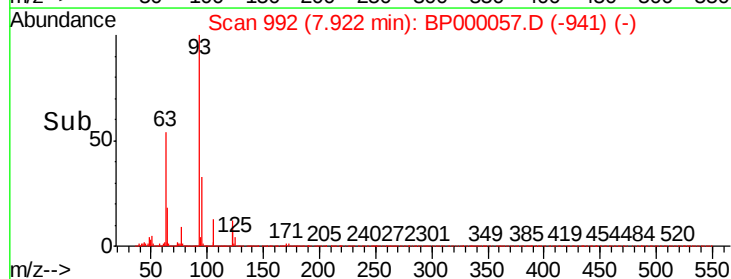
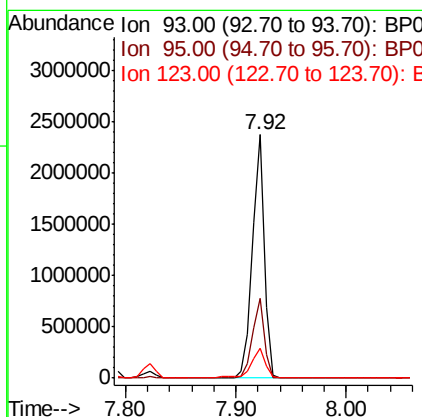
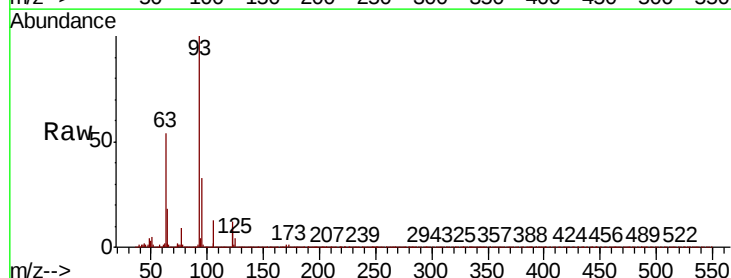
RT: 7.92 min Scan# 992

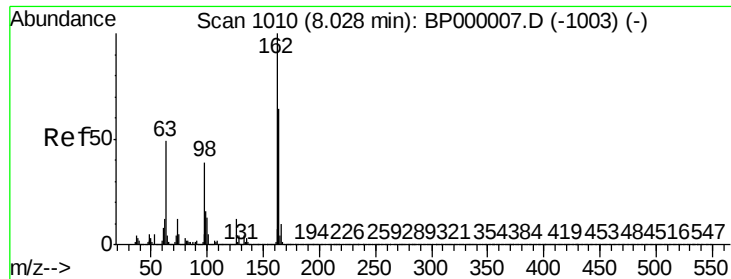
Delta R.T. -0.00 min

Lab File: BP000057.D

Acq: 04 Sep 2019 11:21

Tgt Ion:	93	Resp:	1802941
Ion	Ratio	Lower	Upper
93	100		
95	32.9	26.1	39.1
123	12.4	9.0	13.4





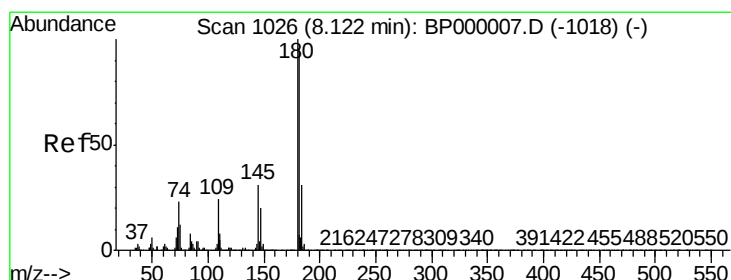
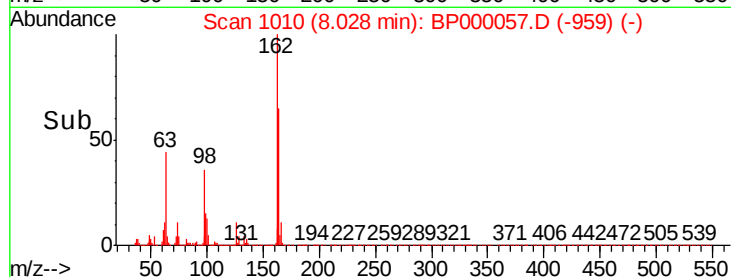
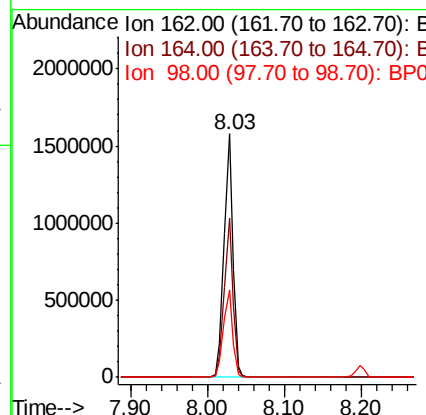
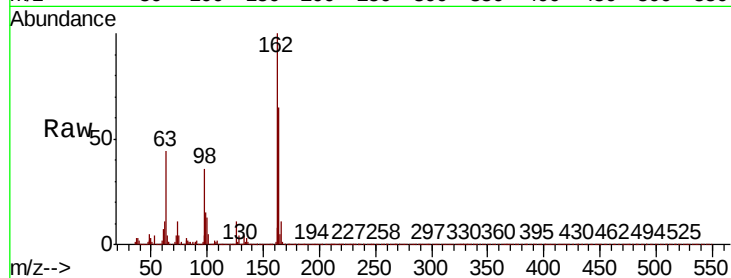
#29
2,4-Dichlorophenol
Concen: 49.591 ng
RT: 8.03 min Scan# 1010
Delta R.T. -0.00 min
Lab File: BP000057.D
Acq: 04 Sep 2019 11:21

Instrument :
BNA_P
ClientSampleId :
SB-4-(7-9)MS

Tot Ion	Ratio	Lower	Upper
162	100		
164	65.4	44.2	84.2
98	36.0	18.7	58.7

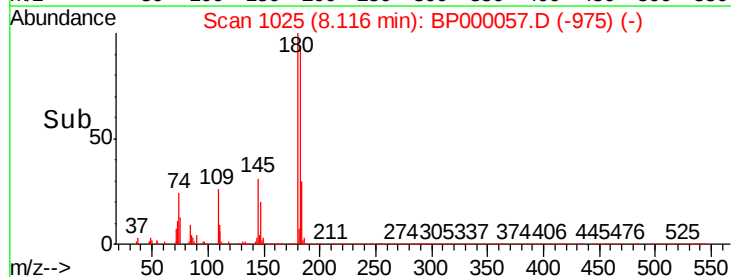
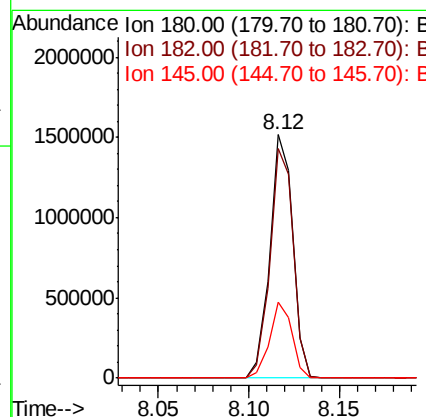
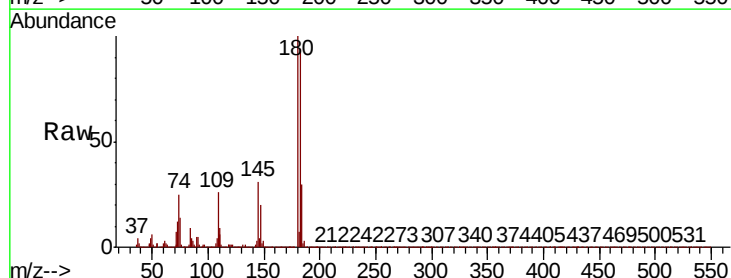
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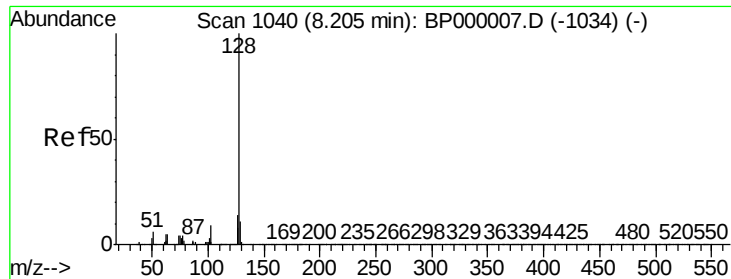
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#30
1,2,4-Trichlorobenzene
Concen: 46.070 ng
RT: 8.12 min Scan# 1025
Delta R.T. -0.01 min
Lab File: BP000057.D
Acq: 04 Sep 2019 11:21

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.3	76.7	115.1
145	31.4	24.8	37.2





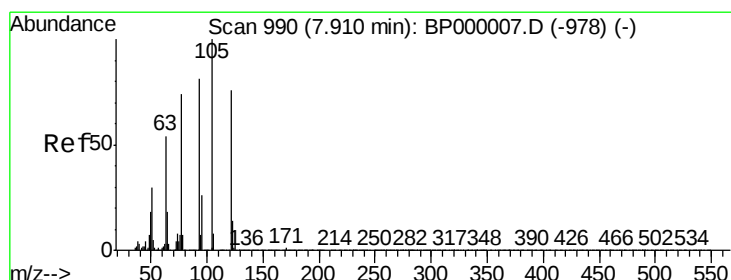
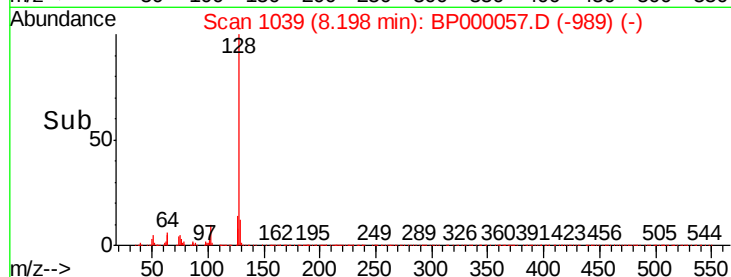
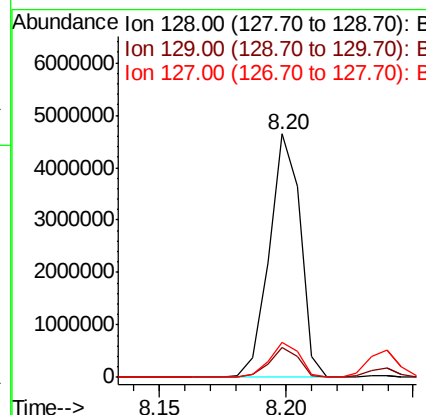
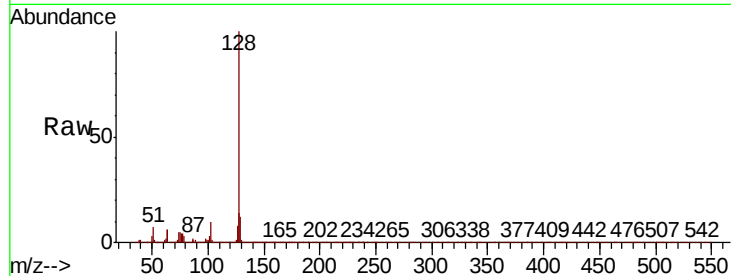
#31
Naphthalene
Concen: 48.814 ng
RT: 8.20 min Scan# 1039
Delta R.T. -0.01 min
Lab File: BP000057.D
Acq: 04 Sep 2019 11:21

Instrument :
BNA_P
ClientSampleId :
SB-4-(7-9)MS

Tot Ion	Ratio	Lower	Upper
128	100		
129	12.2	9.0	13.6
127	14.2	11.0	16.6

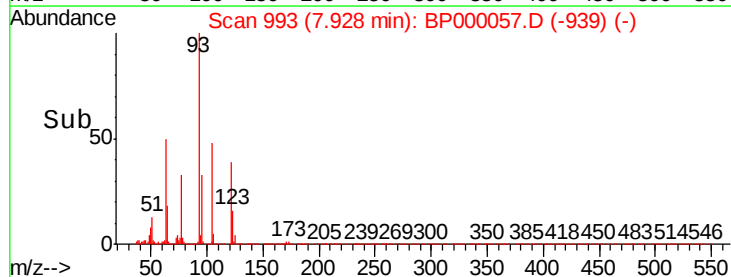
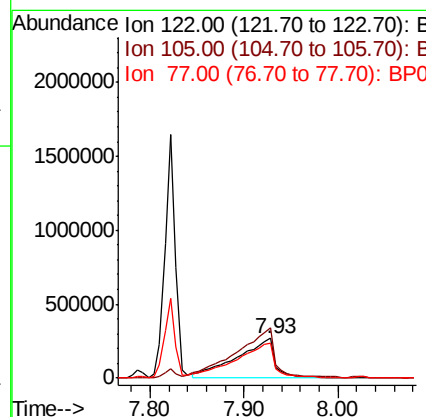
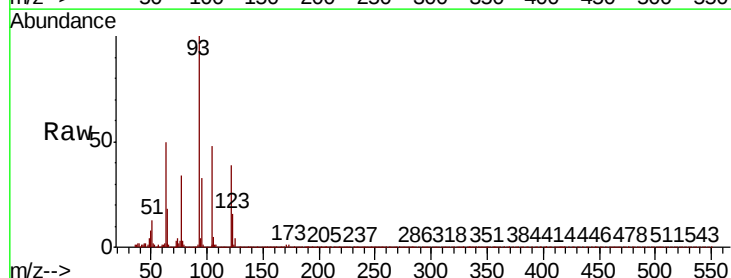
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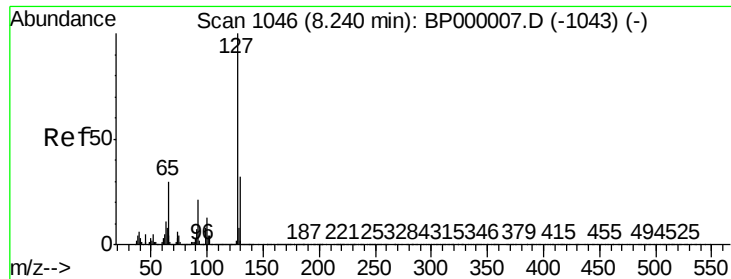
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#32
Benzoic acid
Concen: 45.052 ng
RT: 7.93 min Scan# 993
Delta R.T. 0.02 min
Lab File: BP000057.D
Acq: 04 Sep 2019 11:21

Tgt Ion	Ratio	Lower	Upper
122	100		
105	124.3	104.6	144.6
77	86.3	74.1	114.1





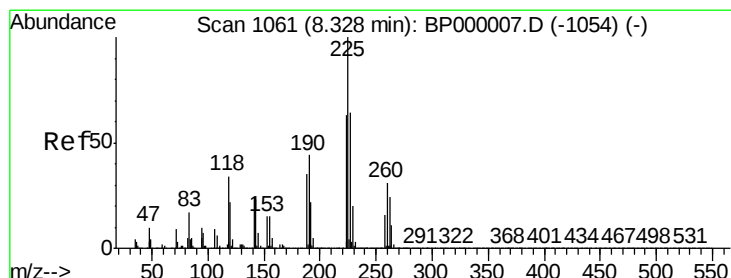
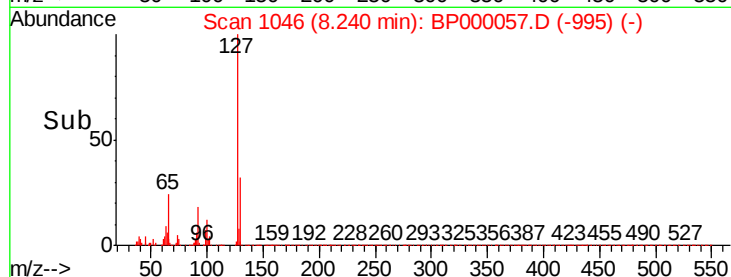
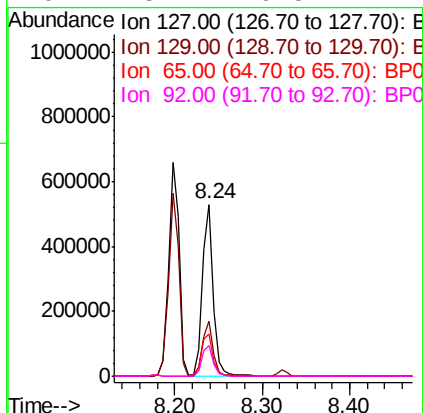
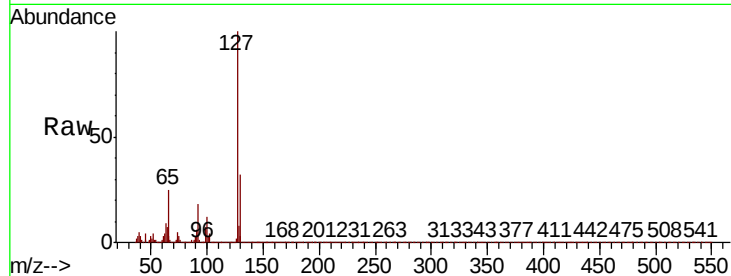
#33
4-Chloroaniline
Concen: 11.972 ng
RT: 8.24 min Scan# 1046
Delta R.T. -0.00 min
Lab File: BP000057.D
Acq: 04 Sep 2019 11:21

Instrument :
BNA_P
ClientSampleId :
SB-4-(7-9)MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100		461104		
129	31.7	25.8	38.6		
65	24.8	24.2	36.2		
92	18.2	16.5	24.7		

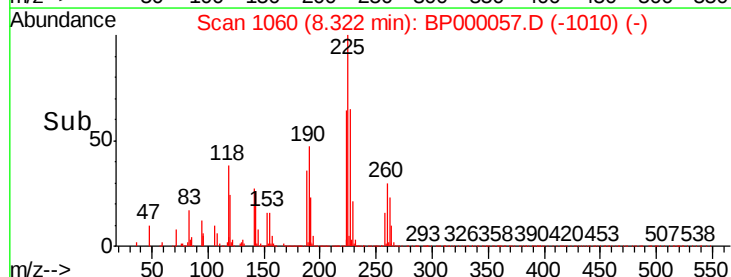
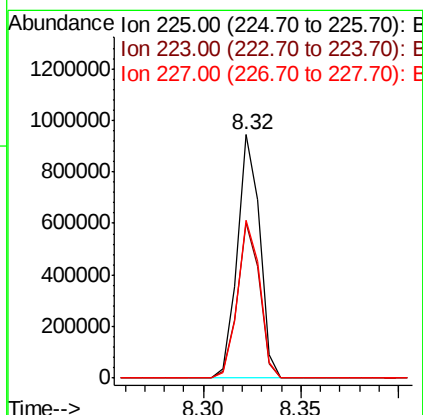
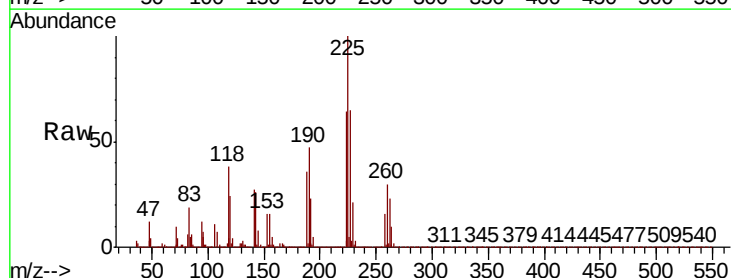
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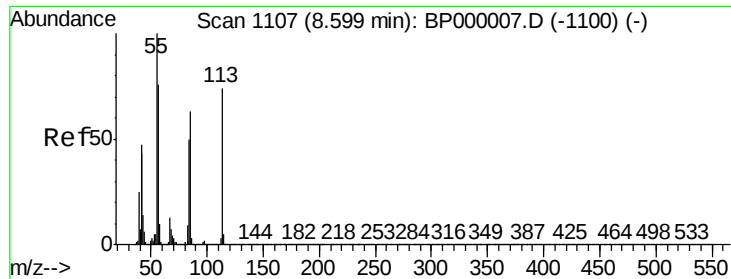
mohammad
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#34
Hexachlorobutadiene
Concen: 45.920 ng
RT: 8.32 min Scan# 1060
Delta R.T. -0.01 min
Lab File: BP000057.D
Acq: 04 Sep 2019 11:21

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100		749017		
223	63.8	50.6	76.0		
227	64.8	51.0	76.4		





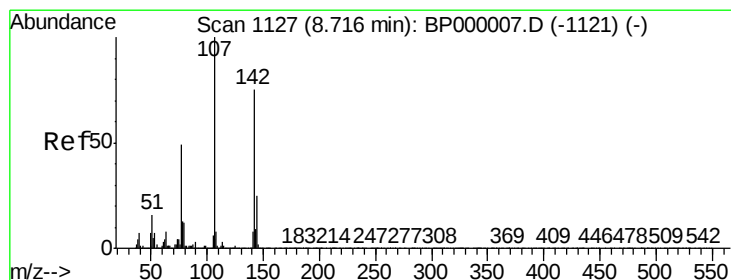
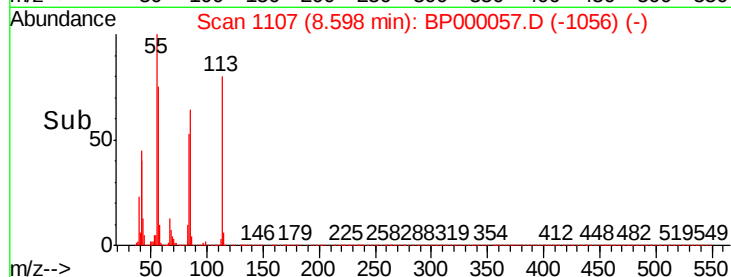
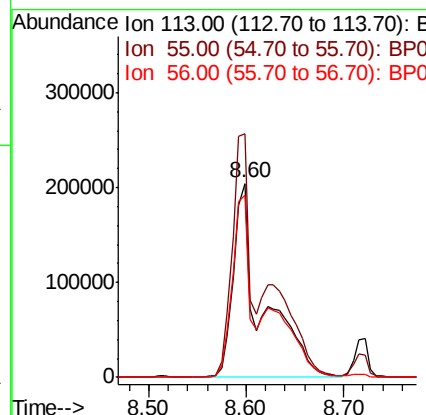
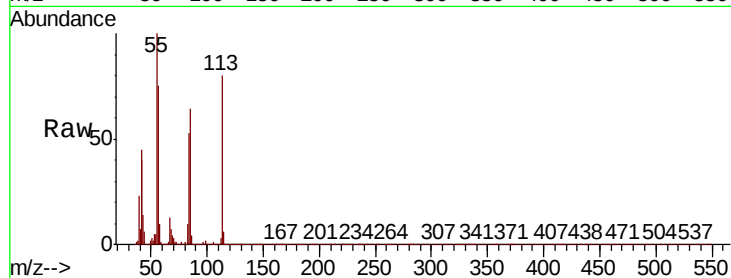
#35
Caprolactam
Concen: 46.220 ng/ml
RT: 8.60 min Scan# 1107
Delta R.T. -0.00 min
Lab File: BP000057.D
Acq: 04 Sep 2019 11:21

Instrument :
BNA_P
ClientSampleId :
SB-4-(7-9)MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
113	100		417381		
55	125.4		114.6	154.6	
56	93.9		82.1	122.1	

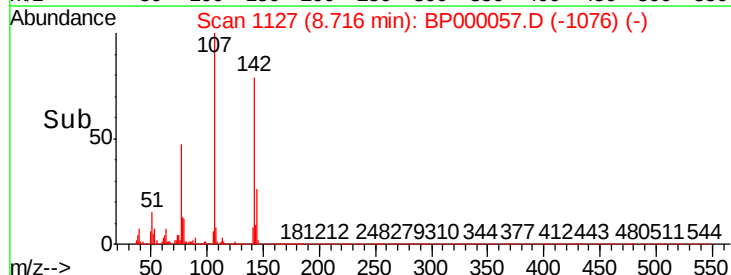
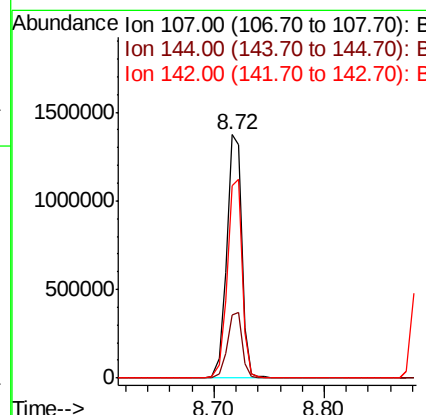
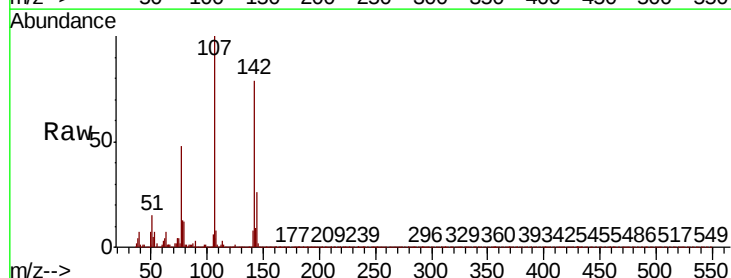
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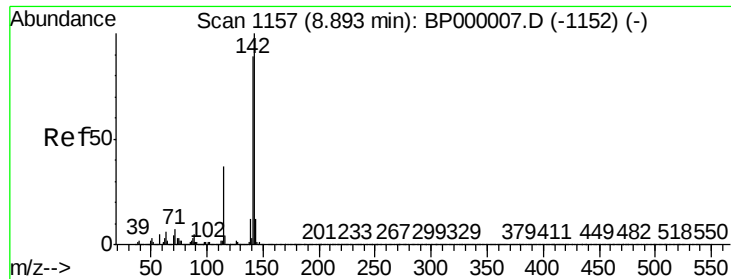
mohammad
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#36
4-Chloro-3-methylphenol
Concen: 47.823 ng/ml
RT: 8.72 min Scan# 1127
Delta R.T. -0.00 min
Lab File: BP000057.D
Acq: 04 Sep 2019 11:21

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100		1324966		
144	25.8		19.8	29.6	
142	78.8		60.4	90.6	





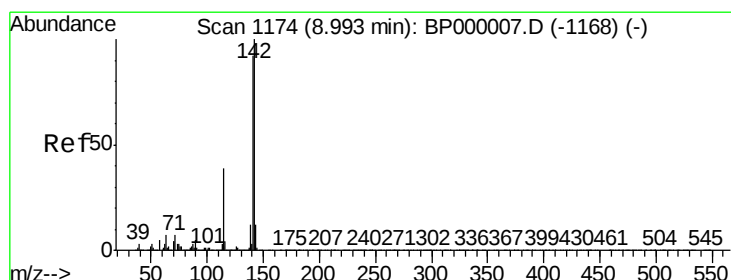
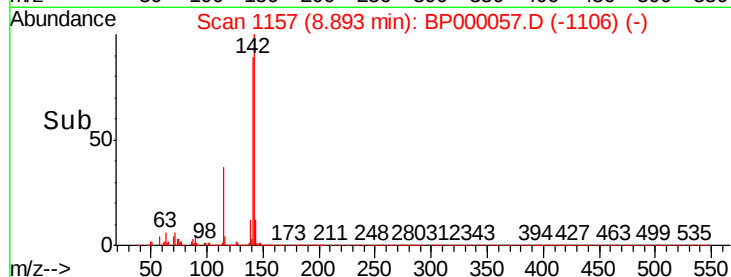
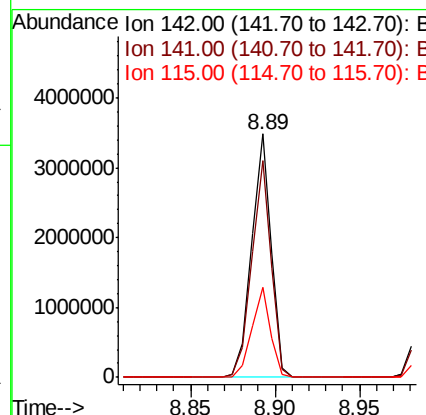
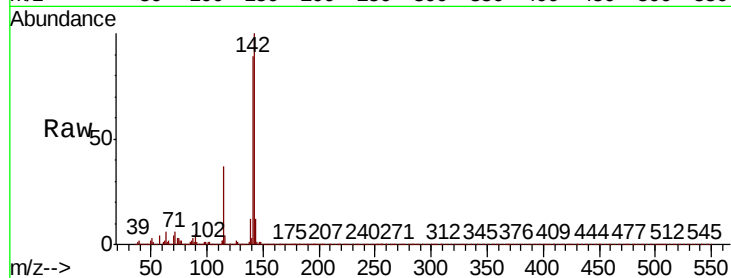
#37
2-Methylnaphthalene
Concen: 49.271 ng
RT: 8.89 min Scan# 1157
Delta R.T. -0.00 min
Lab File: BP000057.D
Acq: 04 Sep 2019 11:21

Instrument :
BNA_P
ClientSampleId :
SB-4-(7-9)MS

Tot Ion	Ratio	Lower	Upper
142	100		
141	88.9	71.0	106.4
115	36.8	29.4	44.2

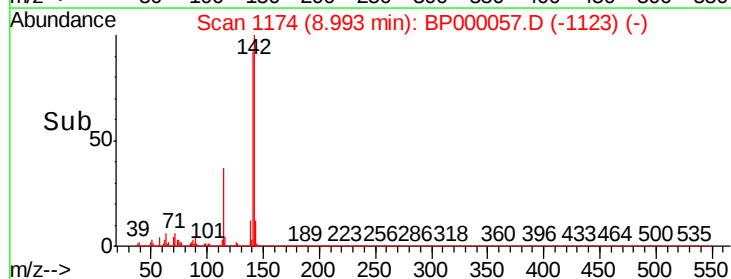
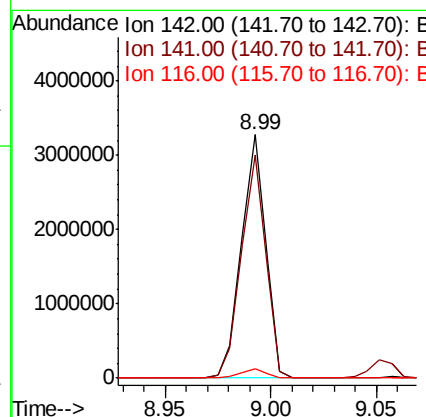
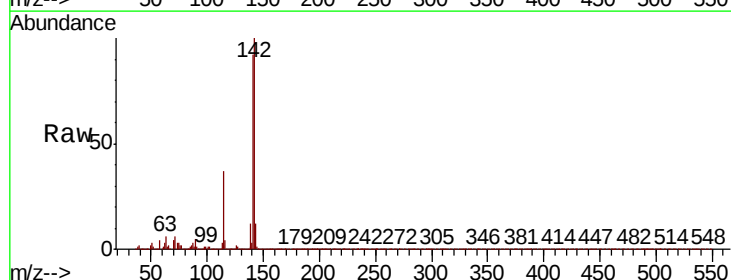
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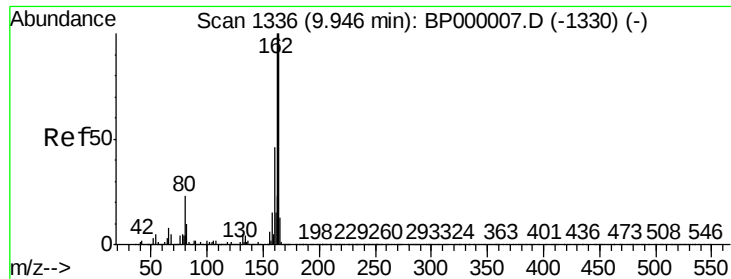
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#38
1-Methylnaphthalene
Concen: 48.130 ng
RT: 8.99 min Scan# 1174
Delta R.T. -0.00 min
Lab File: BP000057.D
Acq: 04 Sep 2019 11:21

Tgt Ion	Ratio	Lower	Upper
142	100		
141	91.6	73.6	110.4
116	3.9	3.4	5.0





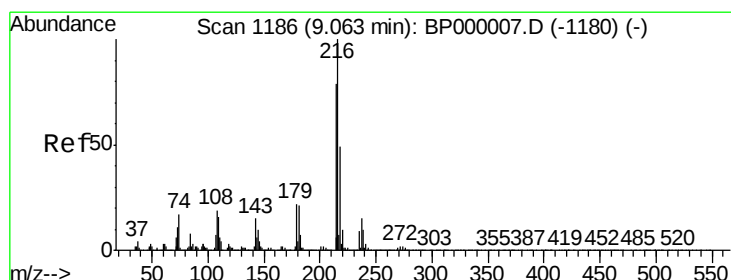
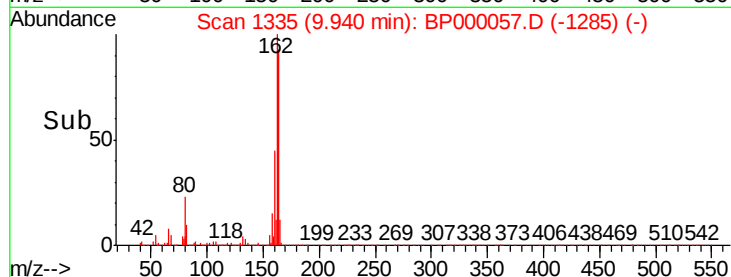
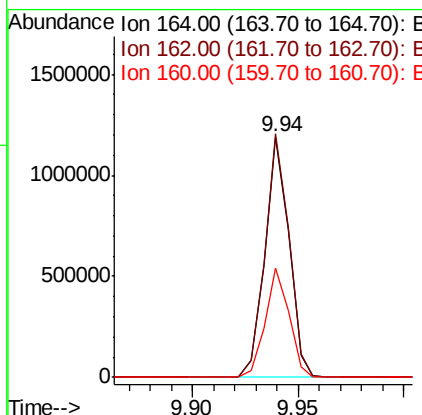
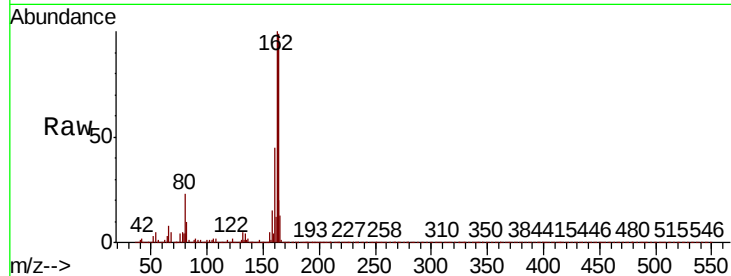
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.94 min Scan# 1335
Delta R.T. -0.01 min
Lab File: BP000057.D
Acq: 04 Sep 2019 11:21

Instrument :
BNA_P
ClientSampleId :
SB-4-(7-9)MS

Tot Ion	Ratio	Lower	Upper
164	100		
162	101.3	80.2	120.4
160	45.6	36.6	55.0

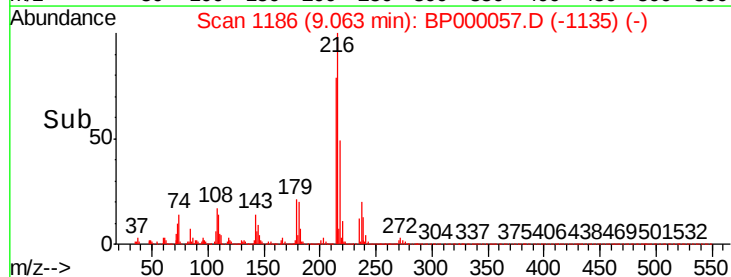
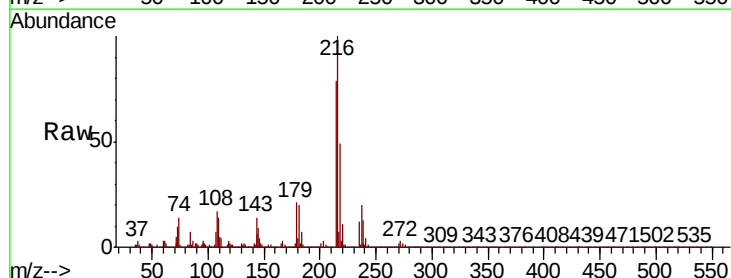
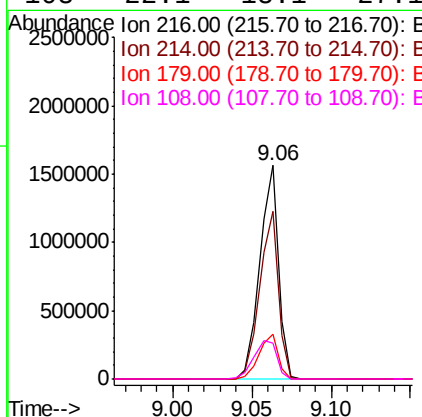
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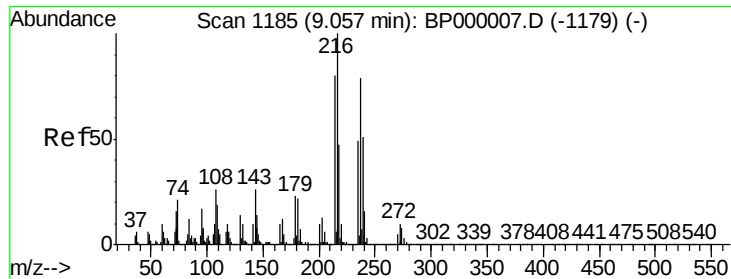
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#40
1,2,4,5-Tetrachlorobenzene
Concen: 48.120 ng
RT: 9.06 min Scan# 1186
Delta R.T. -0.00 min
Lab File: BP000057.D
Acq: 04 Sep 2019 11:21

Tgt Ion	Ratio	Lower	Upper
216	100		
214	78.8	63.4	95.2
179	21.6	17.8	26.6
108	22.1	18.1	27.1





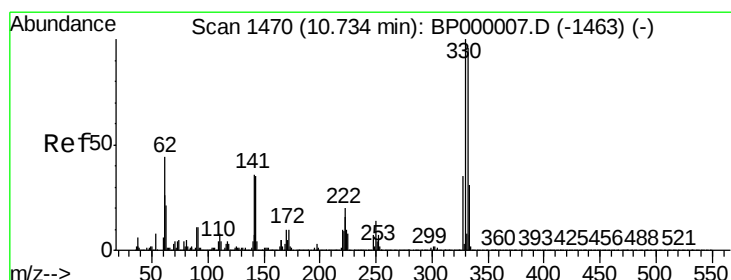
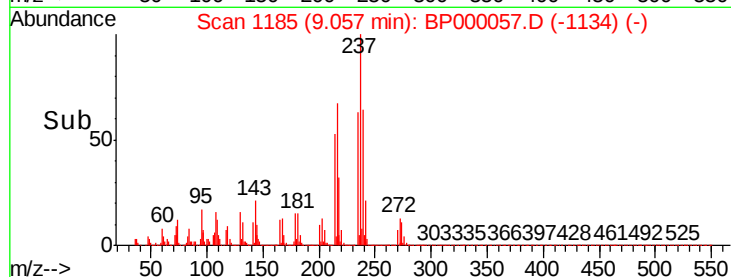
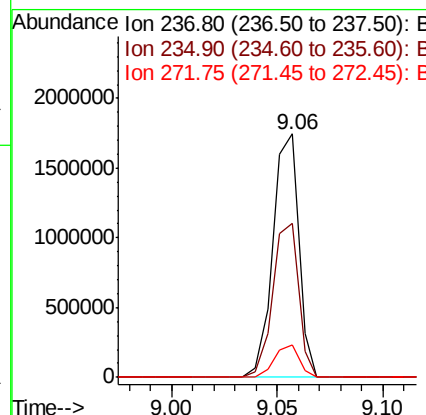
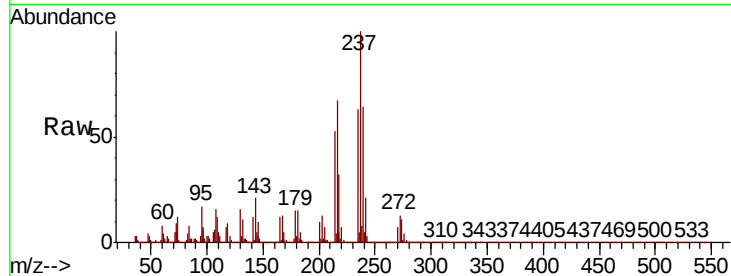
#41
Hexachlorocyclopentadiene
Concen: 101.180 ng
RT: 9.06 min Scan# 1185
Delta R.T. -0.00 min
Lab File: BP000057.D
Acq: 04 Sep 2019 11:21

Instrument :
BNA_P
ClientSampleId :
SB-4-(7-9)MS

Tot Ion	Ratio	Lower	Upper
237	100		
235	63.1	42.0	82.0
272	13.2	0.0	33.1

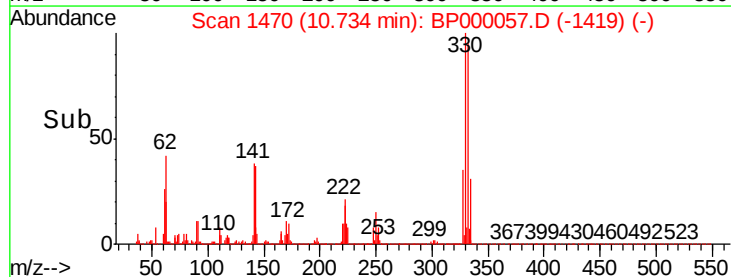
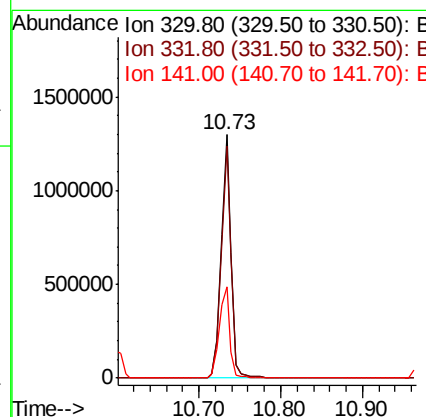
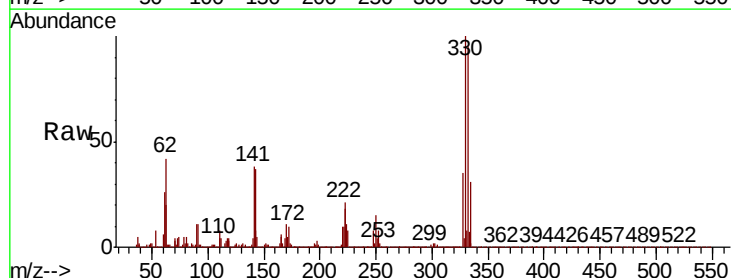
Manual Integrations
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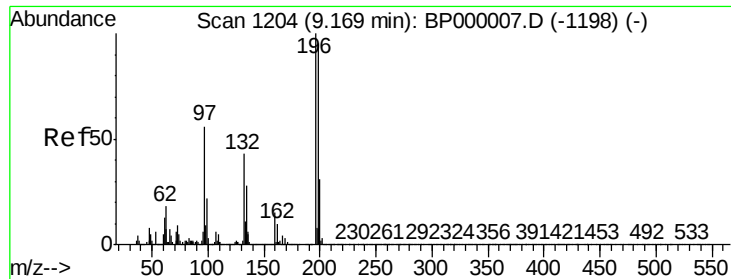
mohammad
9/10/2019 9:51:17 AM



#42
2,4,6-Tribromophenol
Concen: 138.655 ng
RT: 10.73 min Scan# 1470
Delta R.T. -0.00 min
Lab File: BP000057.D
Acq: 04 Sep 2019 11:21

Tgt Ion	Ratio	Lower	Upper
330	100		
332	95.5	76.8	115.2
141	39.7	33.6	50.4





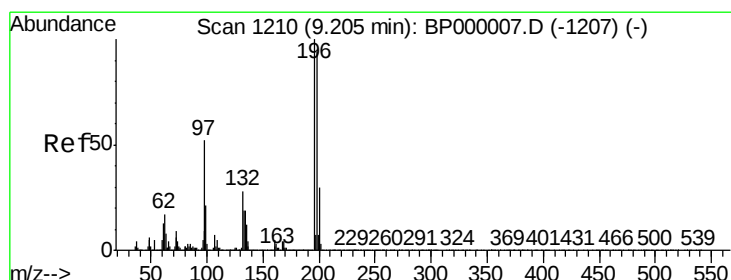
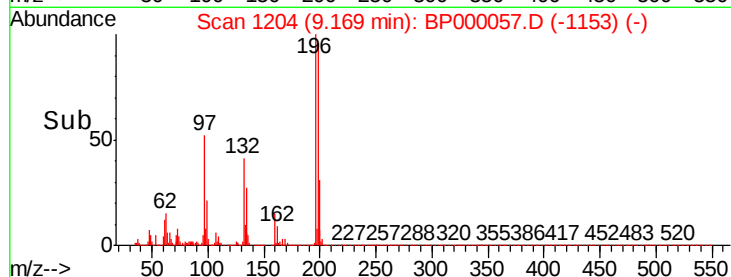
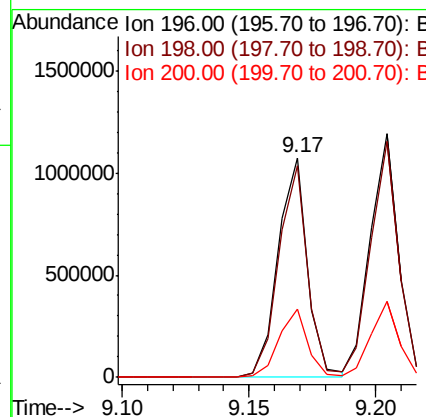
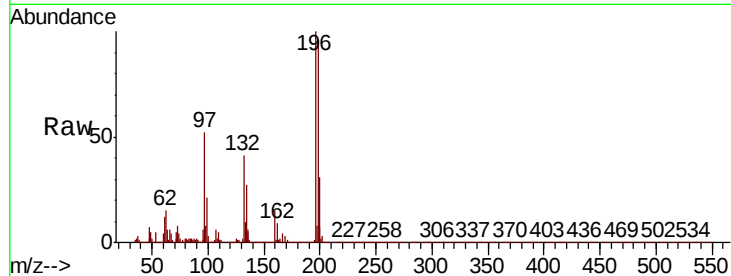
#43
2,4,6-Trichlorophenol
Concen: 47.294 ng
RT: 9.17 min Scan# 1204
Delta R.T. -0.00 min
Lab File: BP000057.D
Acq: 04 Sep 2019 11:21

Instrument :
BNA_P
ClientSampleId :
SB-4-(7-9)MS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	873461		
198	96.4	76.2	114.2	
200	31.2	25.0	37.4	

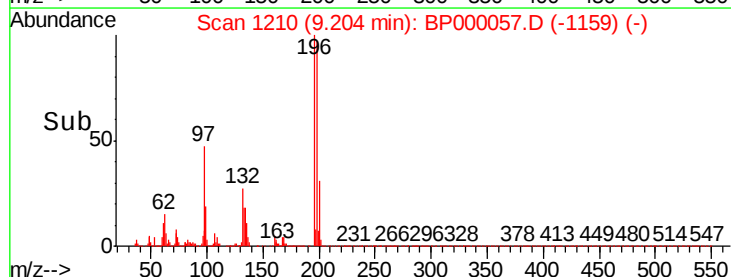
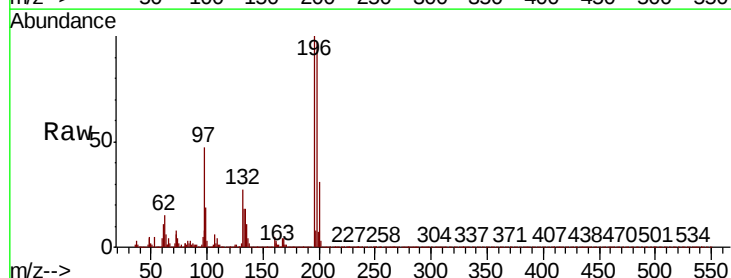
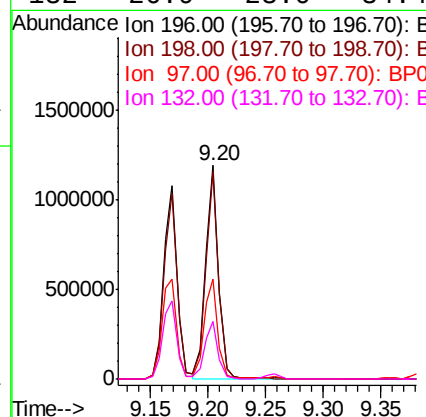
Manual Integrations
APPROVED

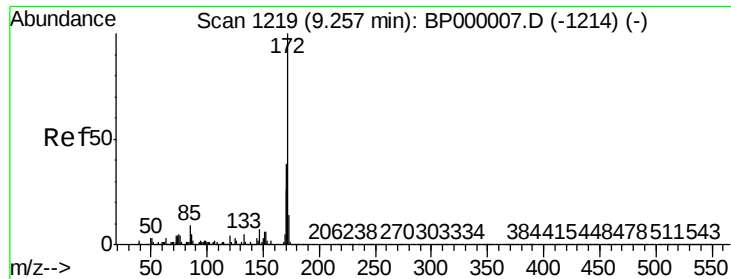
mohammad
9/10/2019 9:51:17 AM



#44
2,4,5-Trichlorophenol
Concen: 48.838 ng
RT: 9.20 min Scan# 1210
Delta R.T. -0.00 min
Lab File: BP000057.D
Acq: 04 Sep 2019 11:21

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	943732		
198	97.1	74.9	112.3	
97	46.9	42.2	63.2	
132	26.9	23.0	34.4	





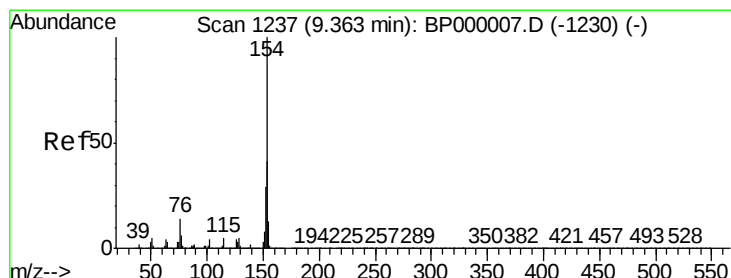
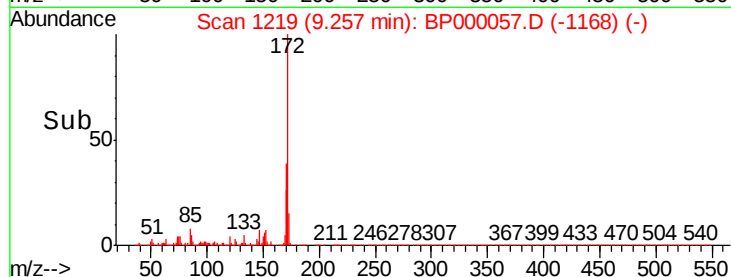
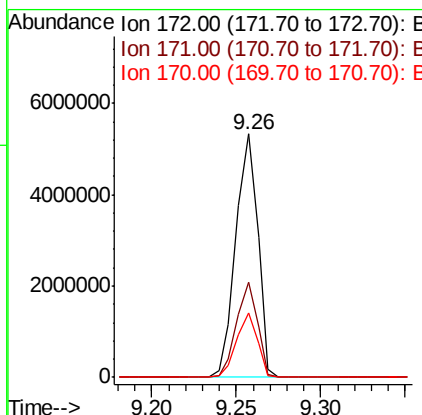
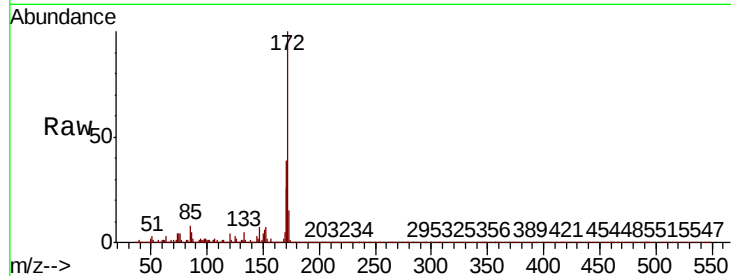
#45
2-Fluorobiphenyl
Concen: 85.107 ng
RT: 9.26 min Scan# 1219
Delta R.T. -0.00 min
Lab File: BP000057.D
Acq: 04 Sep 2019 11:21

Instrument :
BNA_P
ClientSampleId :
SB-4-(7-9)MS

Tot Ion	Ratio	Lower	Upper
172	100		
171	39.1	30.7	46.1
170	26.4	20.7	31.1

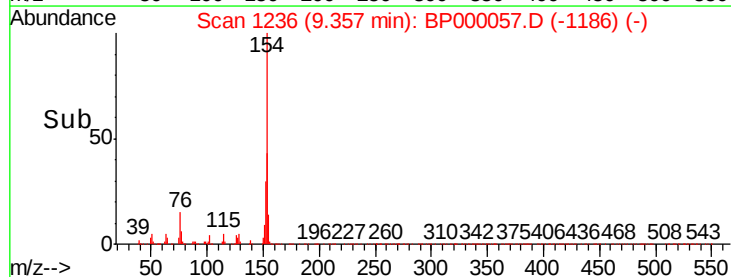
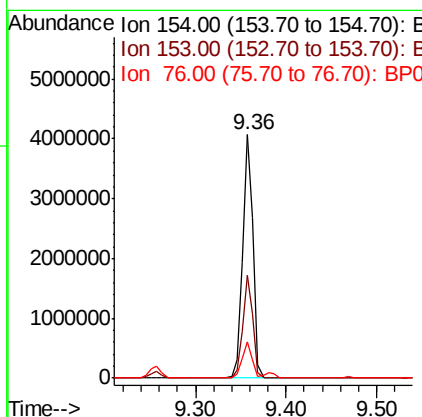
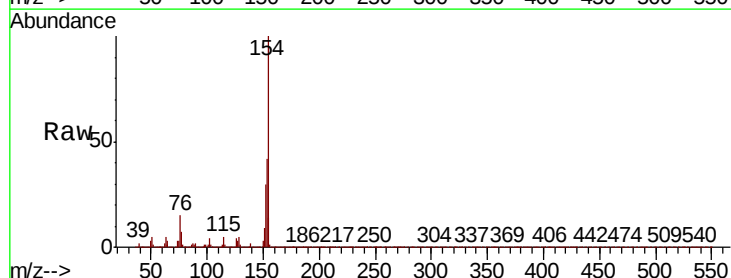
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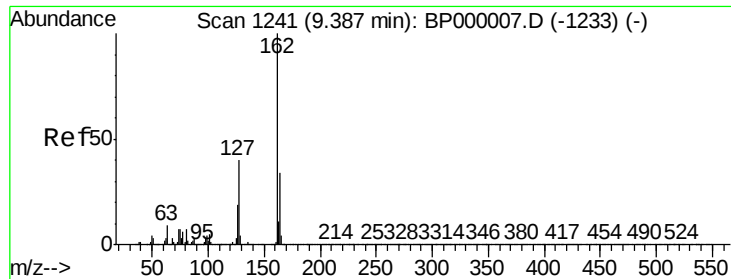
mohammad
9/10/2019 9:51:17 AM



#46
1,1'-Biphenyl
Concen: 48.915 ng
RT: 9.36 min Scan# 1236
Delta R.T. -0.01 min
Lab File: BP000057.D
Acq: 04 Sep 2019 11:21

Tgt Ion	Ratio	Lower	Upper
154	100		
153	42.5	21.1	61.1
76	15.0	0.0	33.7





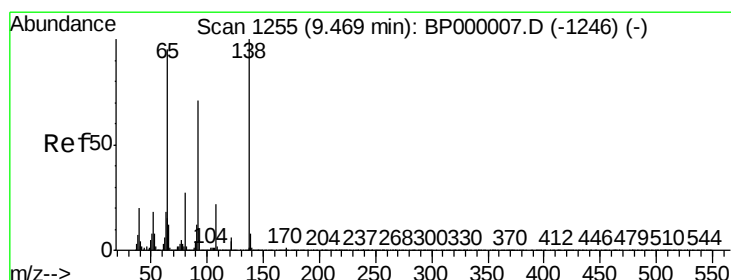
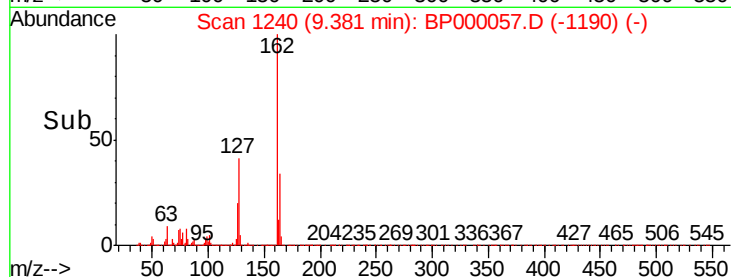
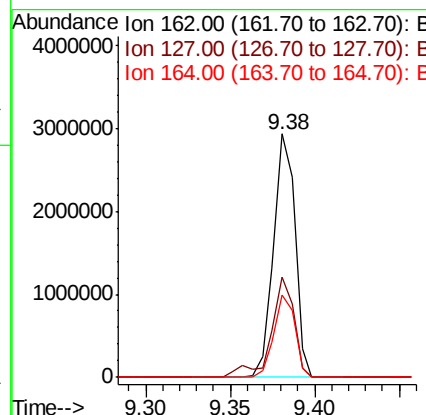
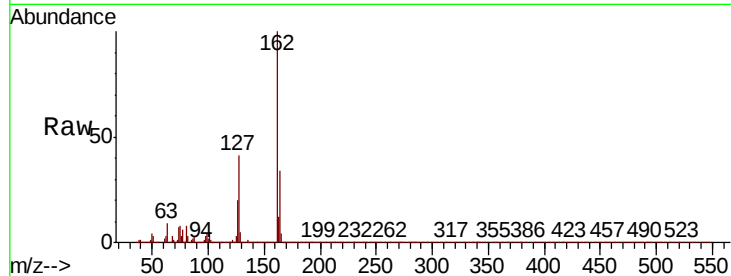
#47
2-Chloronaphthalene
Concen: 46.502 ng
RT: 9.38 min Scan# 1240
Delta R.T. -0.01 min
Lab File: BP000057.D
Acq: 04 Sep 2019 11:21

Instrument :
BNA_P
ClientSampleId :
SB-4-(7-9)MS

Tot Ion	Ratio	Lower	Upper
162	100		
127	41.1	32.2	48.4
164	33.7	26.9	40.3

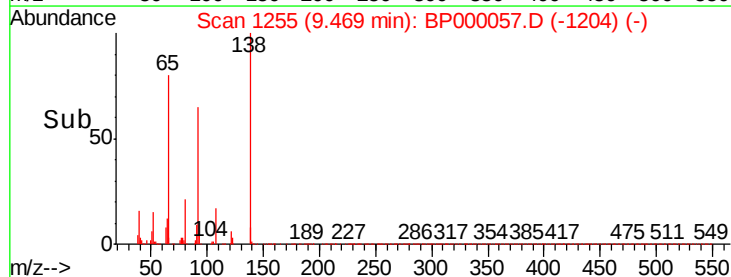
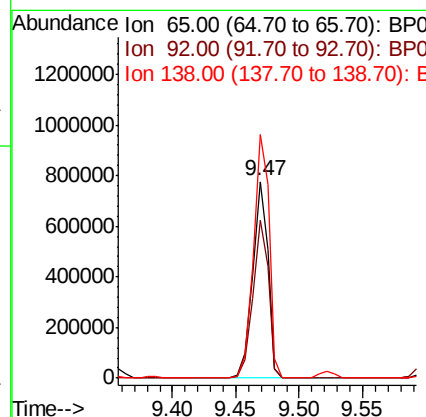
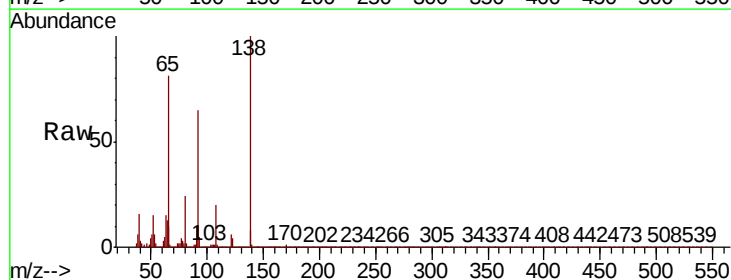
Manual Integrations
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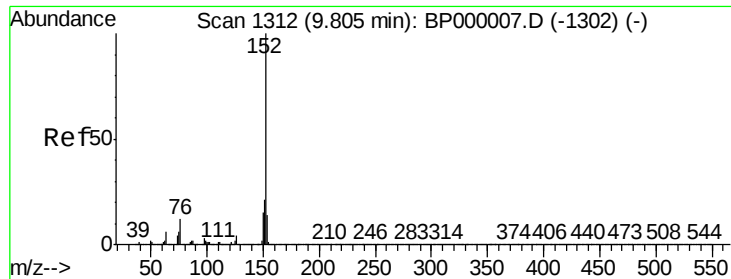
mohammad
9/10/2019 9:51:17 AM



#48
2-Nitroaniline
Concen: 43.530 ng
RT: 9.47 min Scan# 1255
Delta R.T. -0.00 min
Lab File: BP000057.D
Acq: 04 Sep 2019 11:21

Tgt Ion	Ratio	Lower	Upper
65	100		
92	80.1	60.3	90.5
138	124.0	84.5	126.7





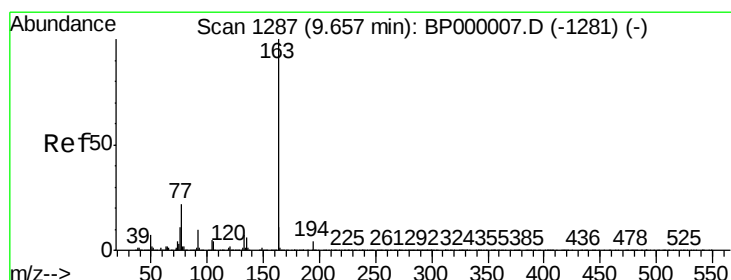
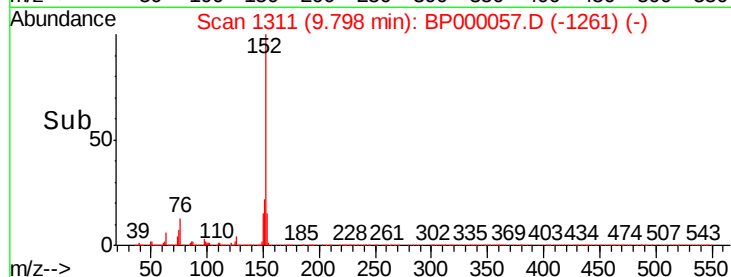
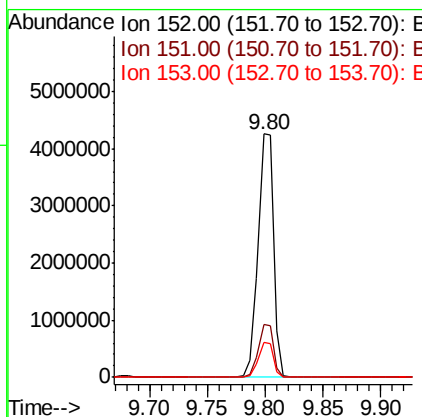
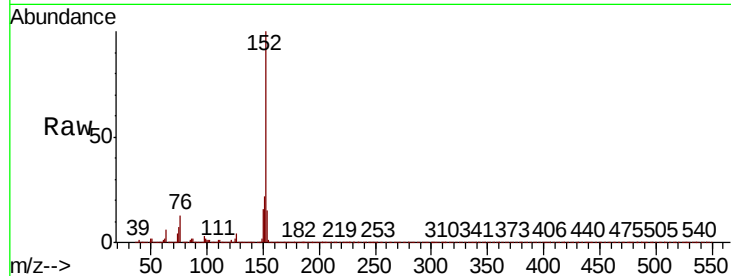
#49
Acenaphthylene
Concen: 48.875 ng
RT: 9.80 min Scan# 1311
Delta R.T. -0.01 min
Lab File: BP000057.D
Acq: 04 Sep 2019 11:21

Instrument :
BNA_P
ClientSampleId :
SB-4-(7-9)MS

Tot Ion	Ratio	Lower	Upper
152	100		
151	21.7	17.0	25.6
153	14.6	11.0	16.6

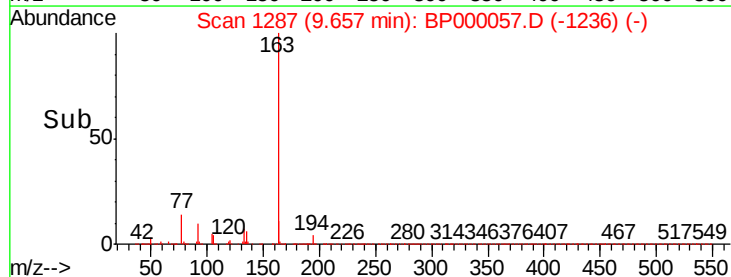
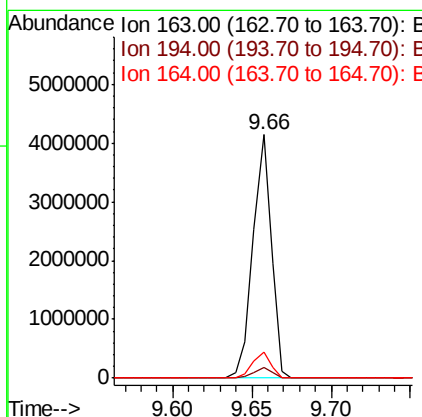
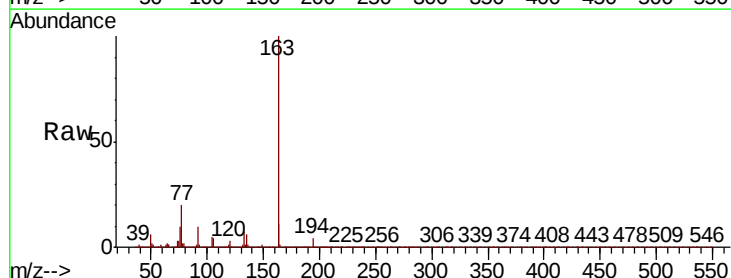
Manual Integrations
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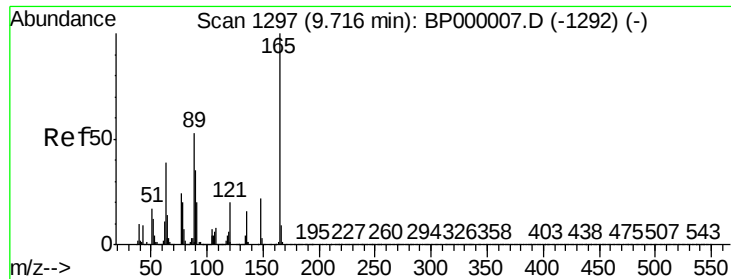
mohammad
9/10/2019 9:51:17 AM



#50
Dimethylphthalate
Concen: 51.905 ng
RT: 9.66 min Scan# 1287
Delta R.T. -0.00 min
Lab File: BP000057.D
Acq: 04 Sep 2019 11:21

Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.4	3.3	4.9
164	10.9	8.4	12.6





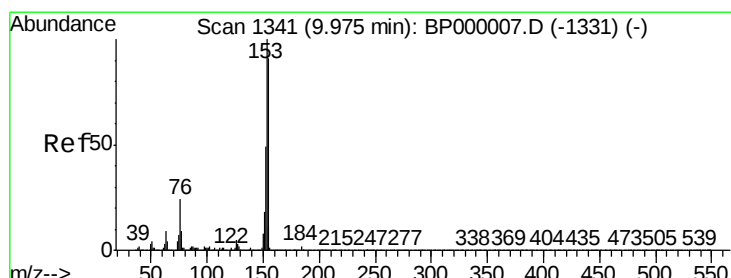
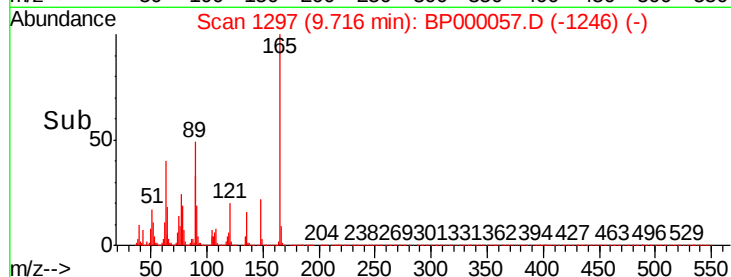
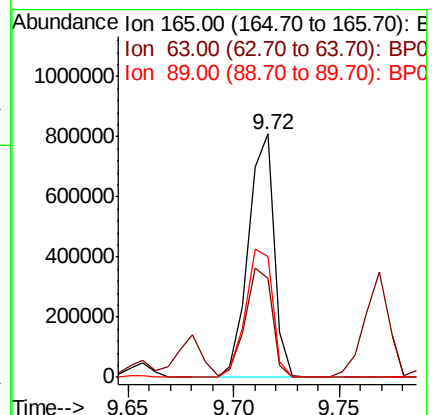
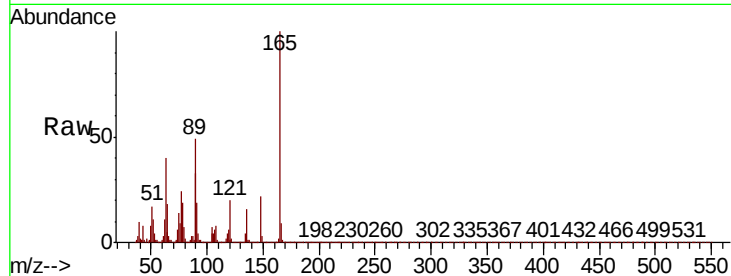
#51
2,6-Dinitrotoluene
Concen: 50.068 ng
RT: 9.72 min Scan# 1297
Delta R.T. -0.00 min
Lab File: BP000057.D
Acq: 04 Sep 2019 11:21

Instrument :
BNA_P
ClientSampled :
SB-4-(7-9)MS

Tot Ion	Ratio	Resp	Lower	Upper
165	100	685220		
63	40.4		35.8	53.6
89	49.5		42.2	63.4

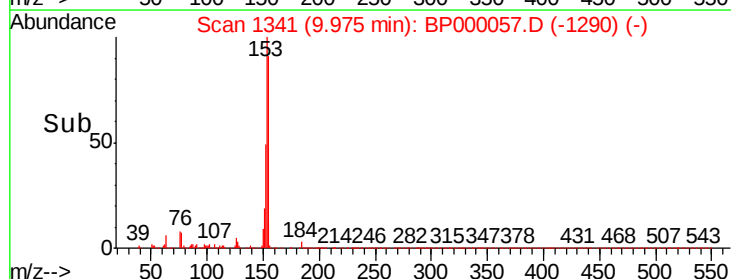
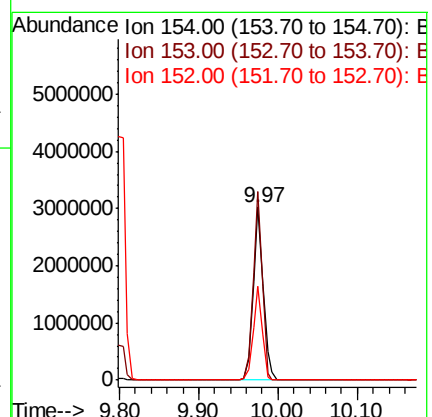
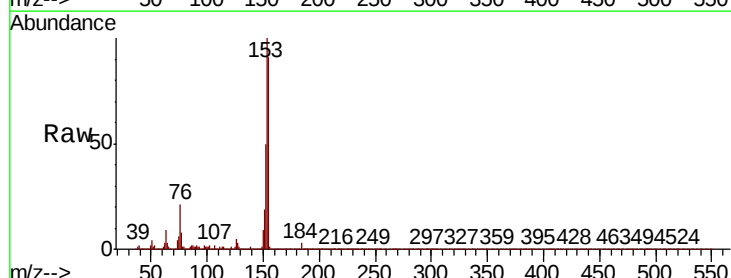
Manual Integrations
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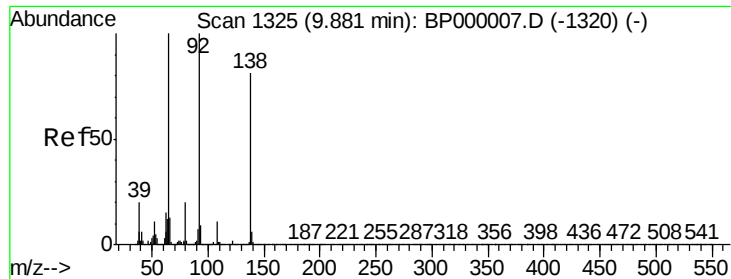
mohammad
9/10/2019 9:51:17 AM



#52
Acenaphthene
Concen: 51.437 ng
RT: 9.97 min Scan# 1341
Delta R.T. -0.00 min
Lab File: BP000057.D
Acq: 04 Sep 2019 11:21

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	2655498		
153	109.5		88.2	132.2
152	54.3		42.9	64.3





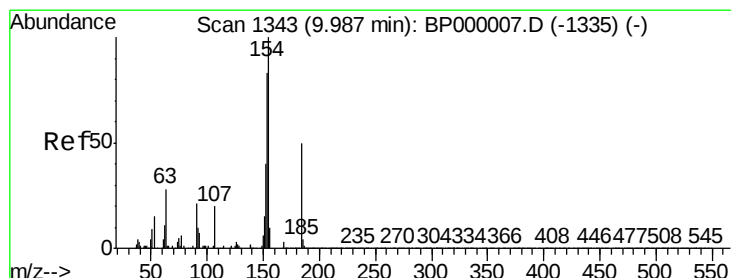
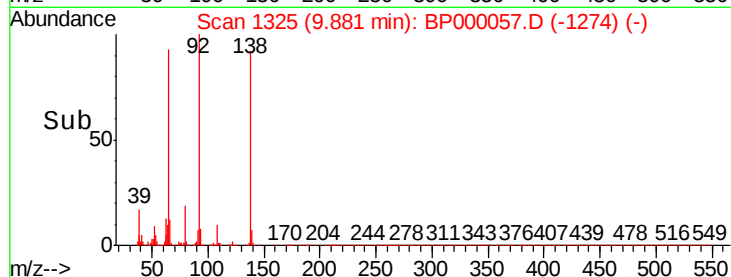
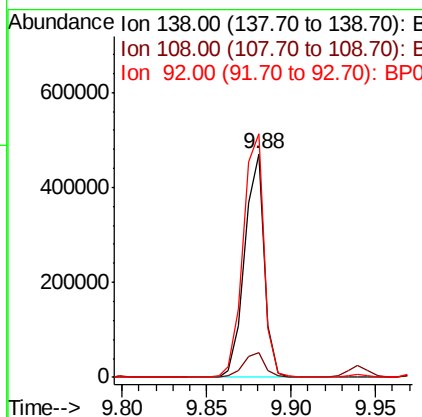
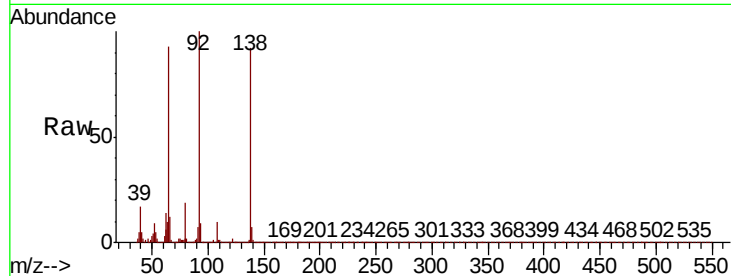
#53
3-Nitroaniline
Concen: 23.352 ng
RT: 9.88 min Scan# 1325
Delta R.T. -0.00 min
Lab File: BP000057.D
Acq: 04 Sep 2019 11:21

Instrument :
BNA_P
ClientSampleId :
SB-4-(7-9)MS

Tot Ion	Ratio	Lower	Upper
138	100		
108	10.9	11.0	16.4#
92	109.0	98.2	147.4

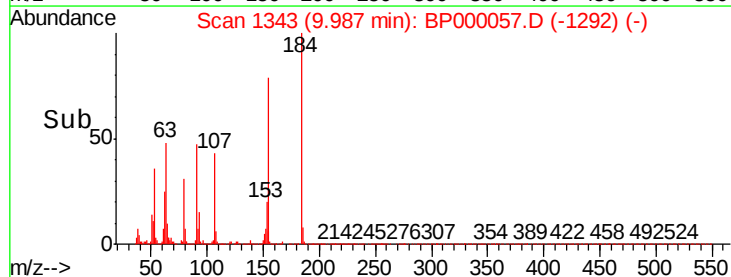
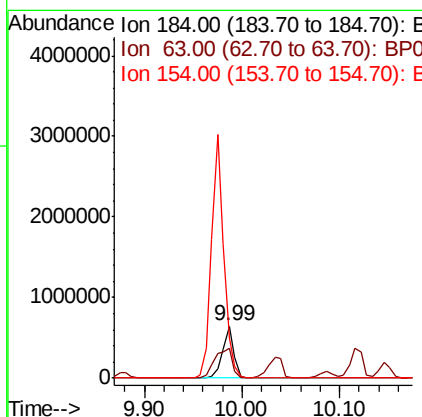
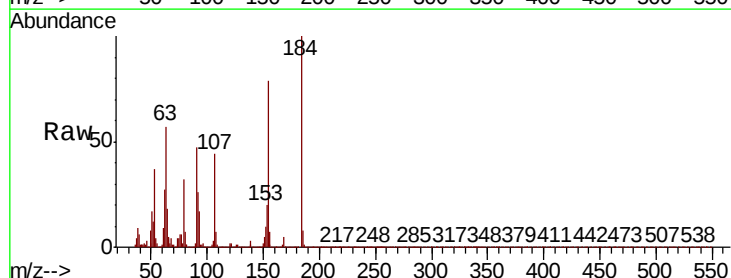
Manual Integrations
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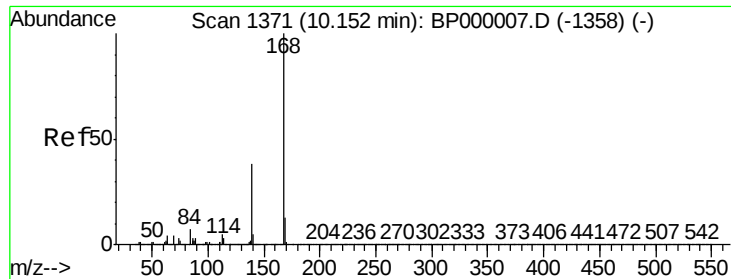
mohammad
9/10/2019 9:51:17 AM



#54
2,4-Dinitrophenol
Concen: 96.144 ng
RT: 9.99 min Scan# 1343
Delta R.T. 0.00 min
Lab File: BP000057.D
Acq: 04 Sep 2019 11:21

Tgt Ion	Ratio	Lower	Upper
184	100		
63	56.5	46.0	69.0
154	78.6	161.9	242.9#





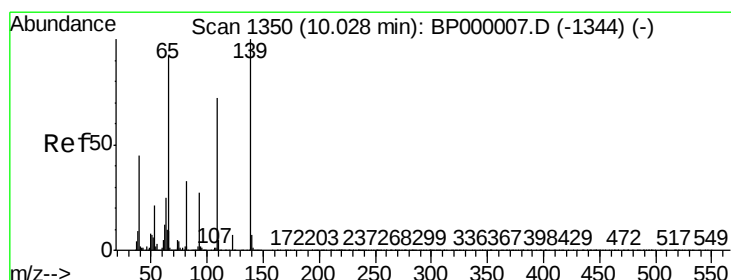
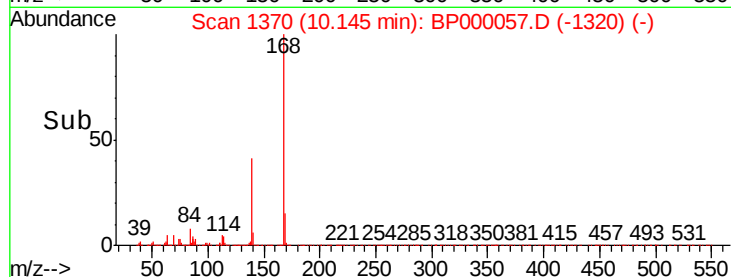
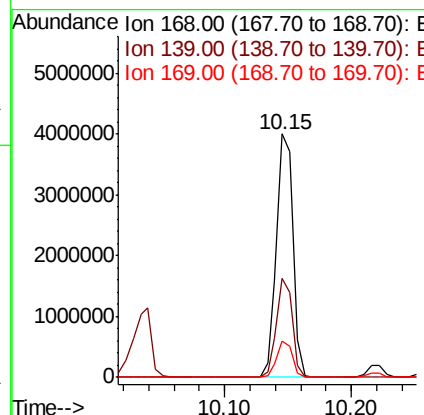
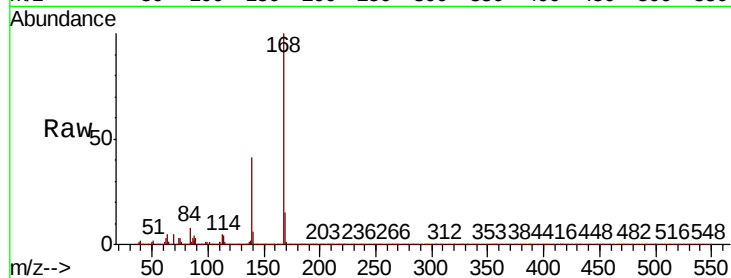
#55
Dibenzofuran
Concen: 49.158 ng
RT: 10.15 min Scan# 1370
Delta R.T. -0.01 min
Lab File: BP000057.D
Acq: 04 Sep 2019 11:21

Instrument :
BNA_P
ClientSampleId :
SB-4-(7-9)MS

Tot Ion	Ratio	Lower	Upper
168	100		
139	40.6	30.2	45.2
169	14.7	10.7	16.1

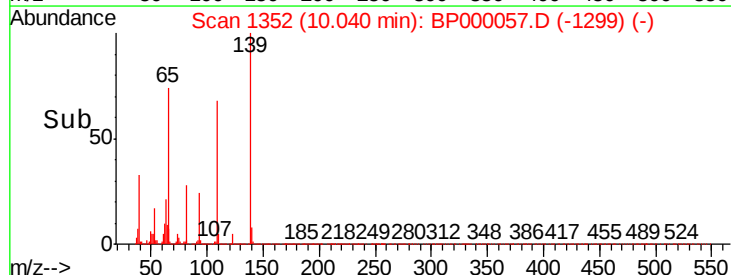
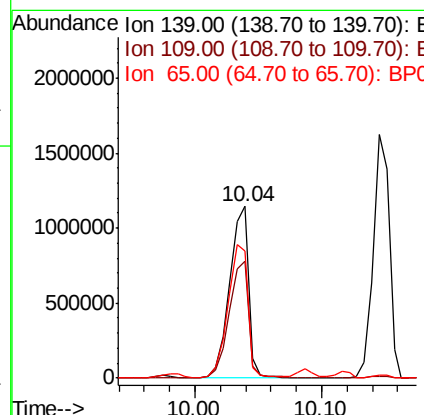
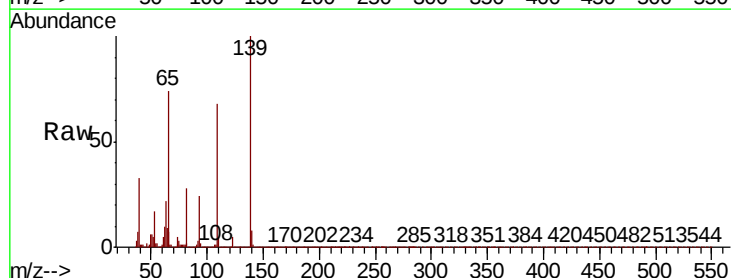
Manual Integrations
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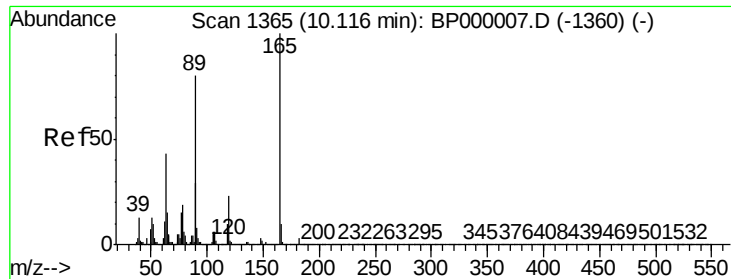
mohammad
9/10/2019 9:51:17 AM



#56
4-Nitrophenol
Concen: 101.852 ng
RT: 10.04 min Scan# 1352
Delta R.T. 0.01 min
Lab File: BP000057.D
Acq: 04 Sep 2019 11:21

Tgt Ion	Ratio	Lower	Upper
139	100		
109	68.1	52.4	92.4
65	74.1	72.2	112.2





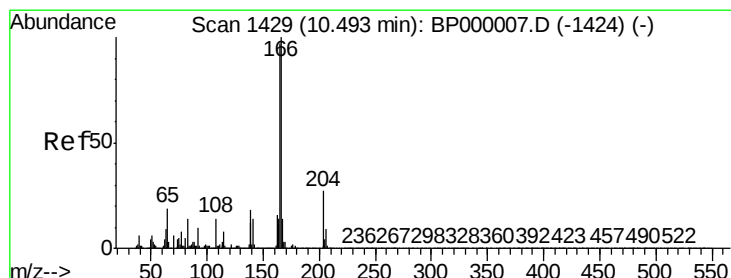
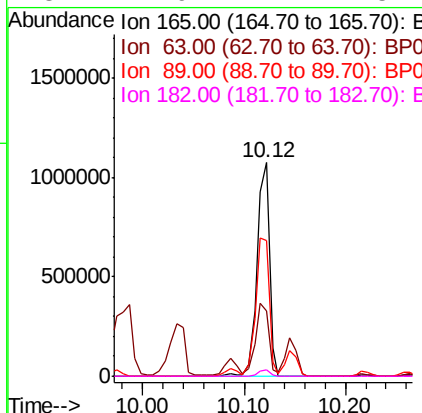
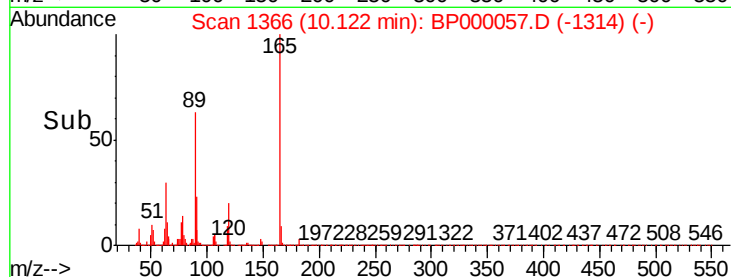
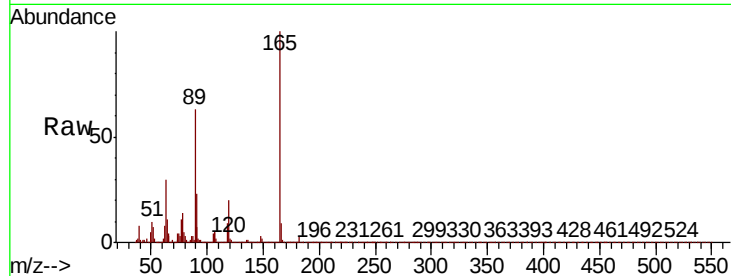
#57
2,4-Dinitrotoluene
Concen: 52.006 ng
RT: 10.12 min Scan# 1366
Delta R.T. 0.01 min
Lab File: BP000057.D
Acq: 04 Sep 2019 11:21

Instrument :
BNA_P
ClientSampleId :
SB-4-(7-9)MS

Tot Ion	Ratio	Resp Lower	Upper
165	100		
63	30.3	34.4	51.6#
89	63.3	64.3	96.5#
182	2.9	2.2	3.4

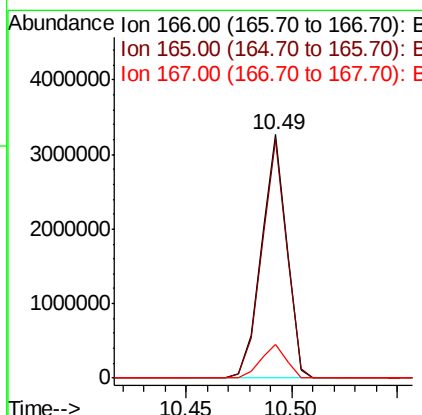
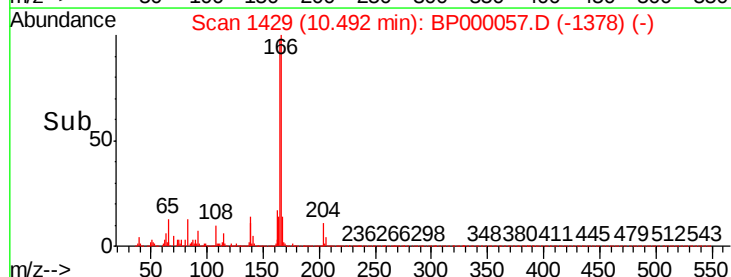
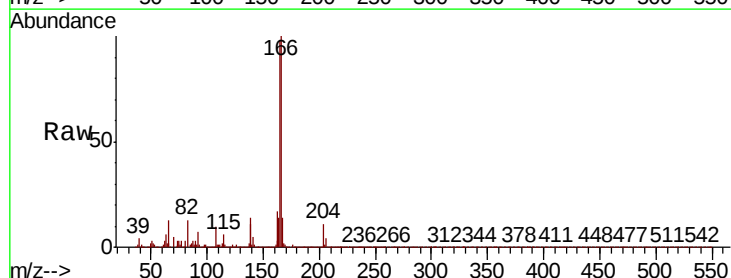
Manual Integrations
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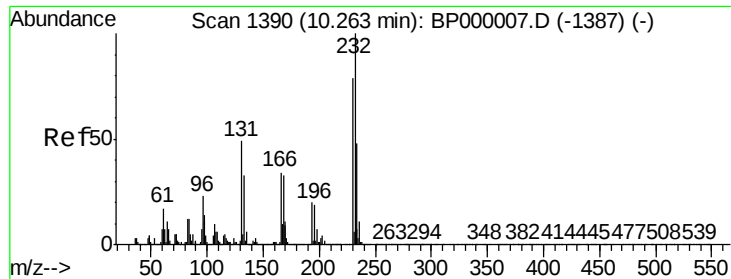
mohammad
9/10/2019 9:51:17 AM



#58
Fluorene
Concen: 49.243 ng
RT: 10.49 min Scan# 1429
Delta R.T. -0.00 min
Lab File: BP000057.D
Acq: 04 Sep 2019 11:21

Tgt Ion	Ratio	Resp Lower	Upper
166	100		
165	97.7	77.3	115.9
167	13.8	11.0	16.6





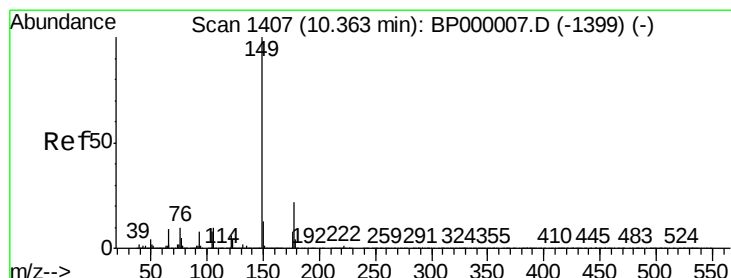
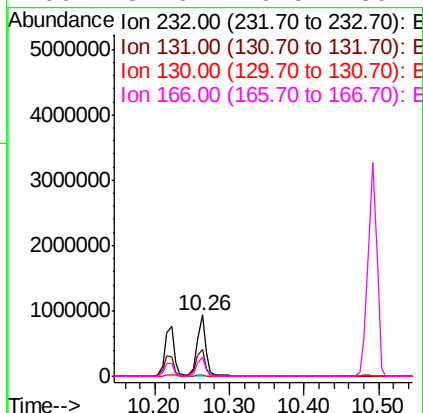
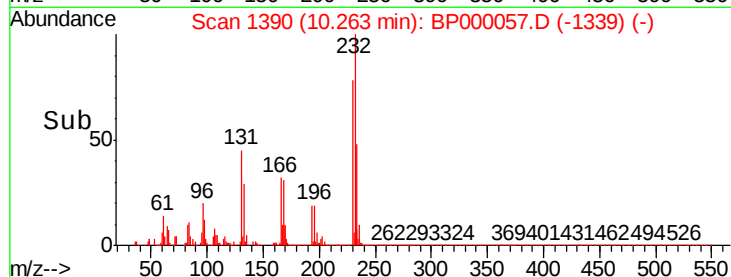
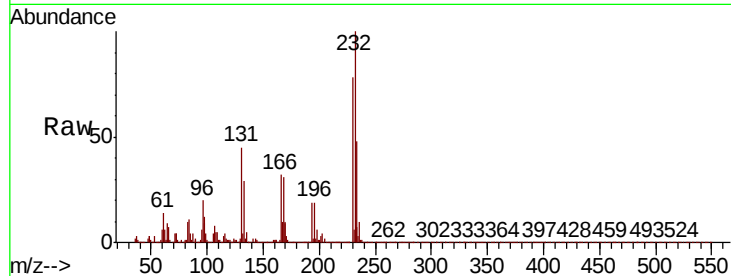
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 52.340 ng
 RT: 10.26 min Scan# 1390
 Delta R.T. -0.00 min
 Lab File: BP000057.D
 Acq: 04 Sep 2019 11:21

Instrument :
 BNA_P
 ClientSampleId :
 SB-4-(7-9)MS

Tot Ion	Ratio	Lower	Upper
232	100		
131	45.9	39.3	58.9
130	2.5	2.1	3.1
166	31.6	26.5	39.7

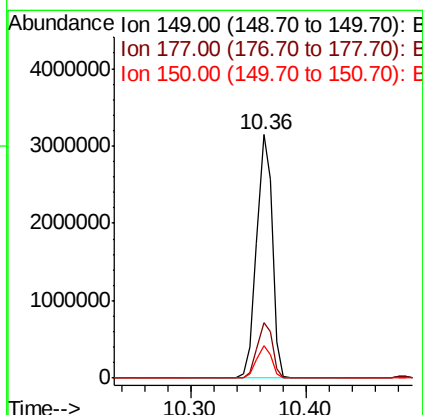
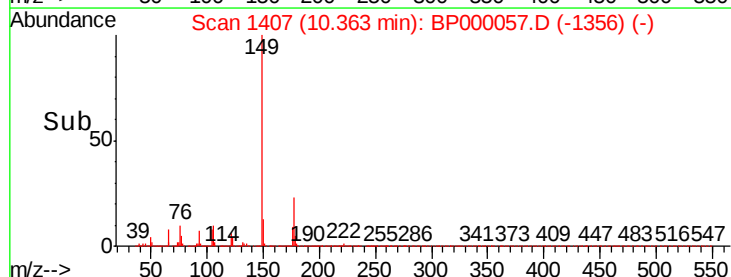
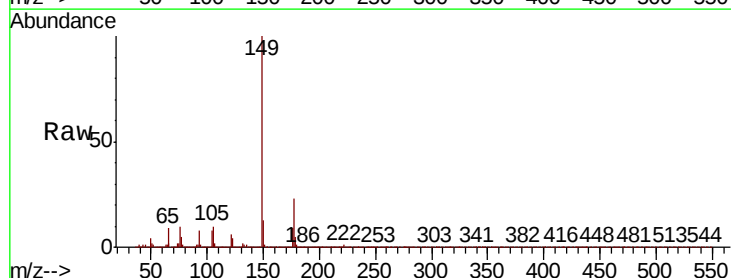
Manual Integrations
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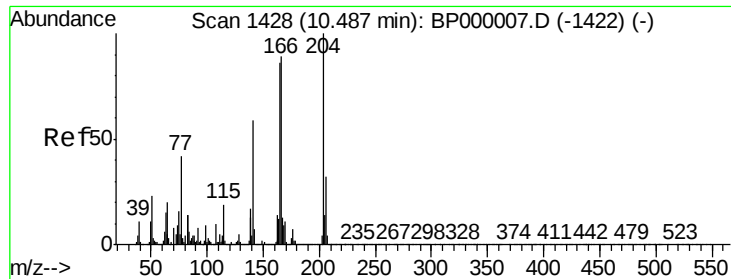
mohammad
 9/10/2019 9:51:17 AM



#60
 Diethylphthalate
 Concen: 46.013 ng
 RT: 10.36 min Scan# 1407
 Delta R.T. -0.00 min
 Lab File: BP000057.D
 Acq: 04 Sep 2019 11:21

Tgt Ion	Ratio	Lower	Upper
149	100		
177	23.0	17.3	25.9
150	13.1	10.3	15.5





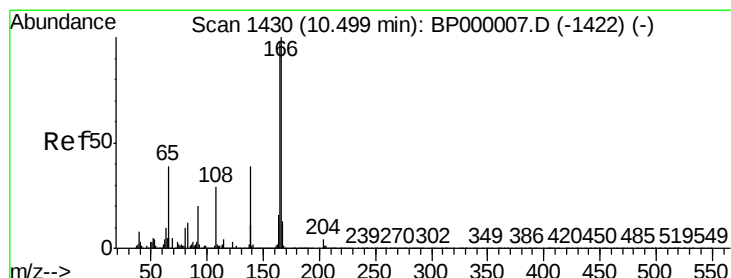
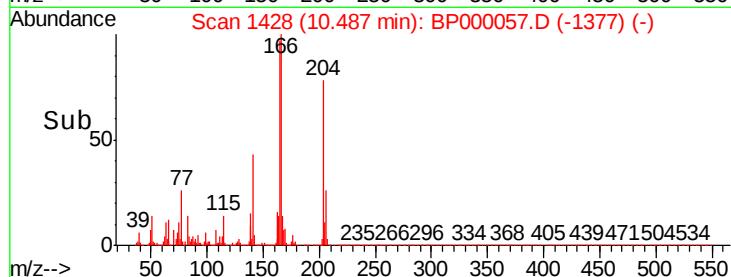
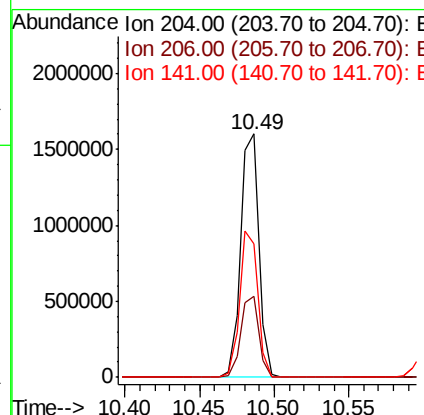
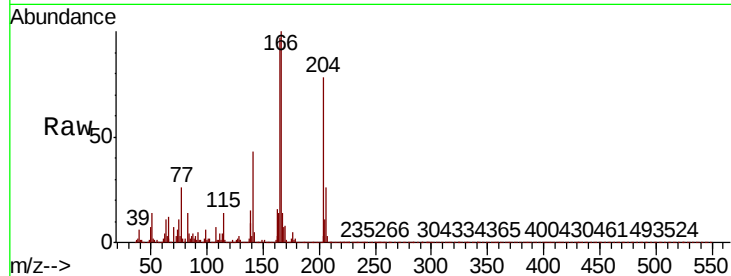
#61
4-Chlorophenyl-phenylether
Concen: 48.175 ng
RT: 10.49 min Scan# 1428
Delta R.T. -0.00 min
Lab File: BP000057.D
Acq: 04 Sep 2019 11:21

Instrument :
BNA_P
ClientSampleId :
SB-4-(7-9)MS

Tot Ion	Ratio	Lower	Upper
204	100		
206	33.3	26.0	39.0
141	54.6	47.6	71.4

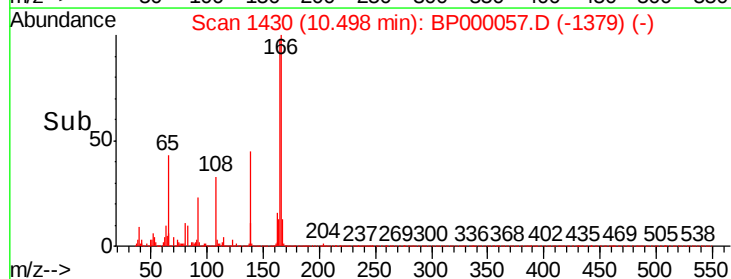
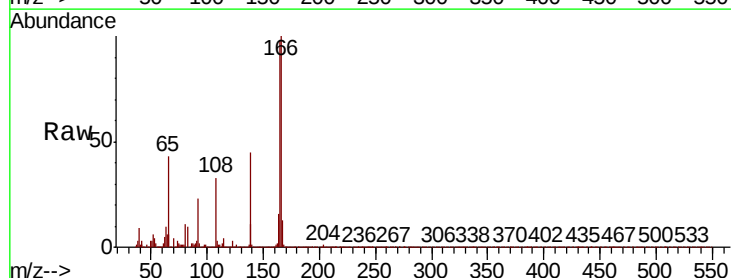
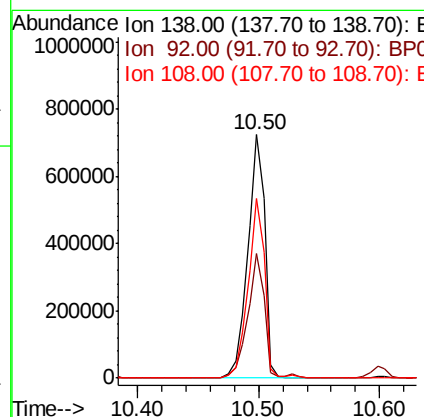
Manual Integrations
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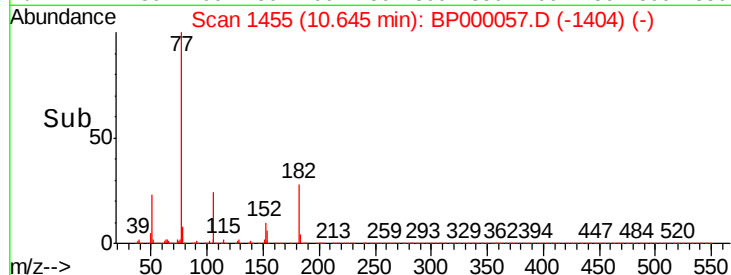
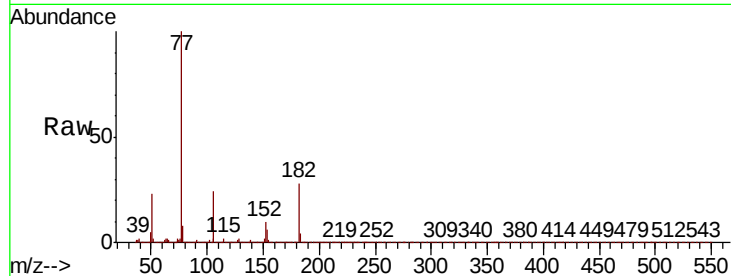
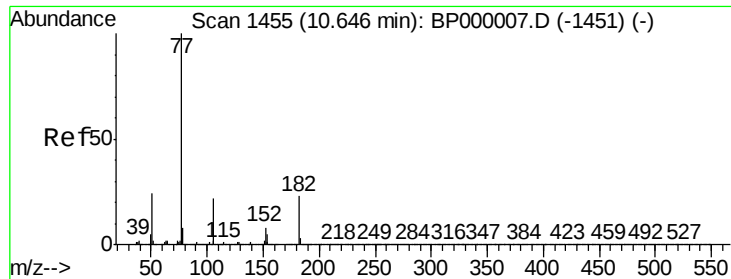
mohammad
9/10/2019 9:51:17 AM



#62
4-Nitroaniline
Concen: 45.657 ng
RT: 10.50 min Scan# 1430
Delta R.T. -0.00 min
Lab File: BP000057.D
Acq: 04 Sep 2019 11:21

Tgt Ion	Ratio	Lower	Upper
138	100		
92	51.1	32.8	72.8
108	73.6	55.7	95.7





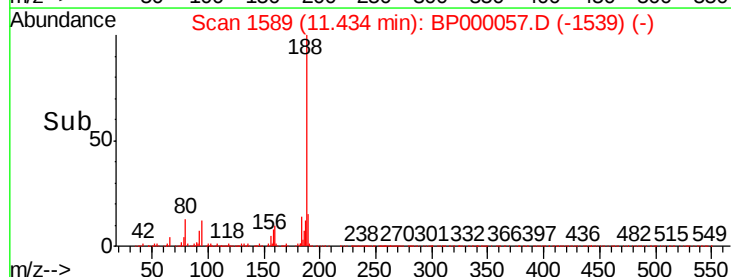
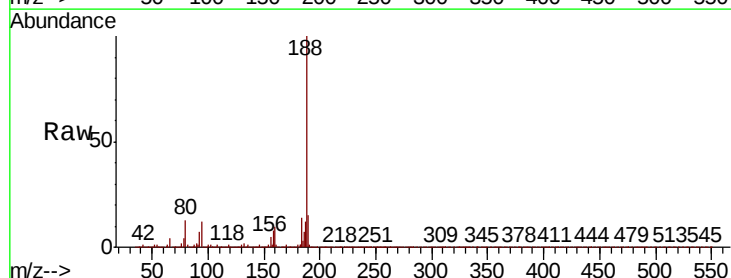
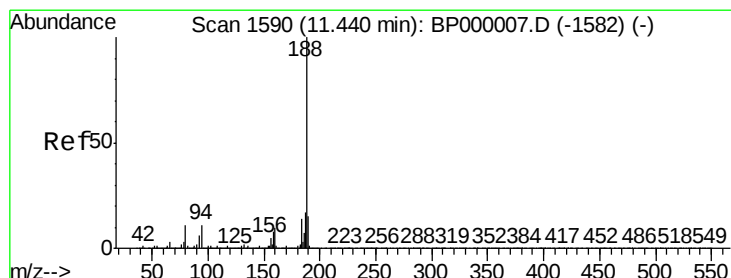
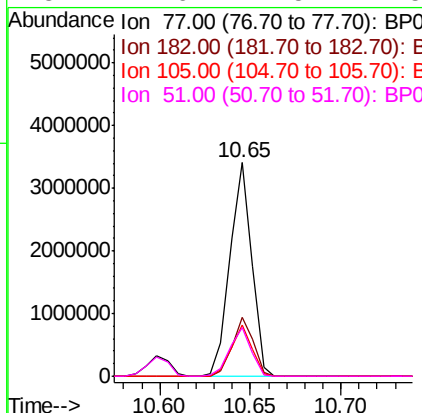
#63
Azobenzene
Concen: 46.359 ng
RT: 10.65 min Scan# 1455
Delta R.T. -0.00 min
Lab File: BP000057.D
Acq: 04 Sep 2019 11:21

Tot Ion	Ion	Ratio	Lower	Upper
77	77	100		
182	182	27.8	2.6	42.6
105	105	23.9	2.3	42.3
51	51	22.6	4.5	44.5

Instrument :
BNA_P
ClientSampleId :
SB-4-(7-9)MS

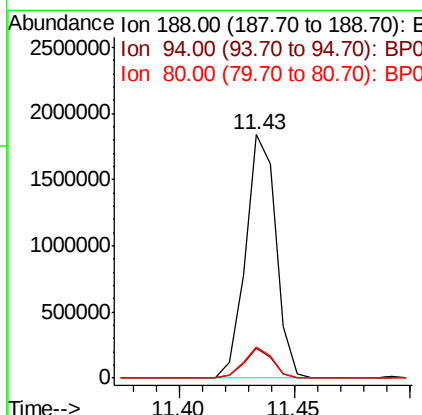
Manual Integrations
APPROVED

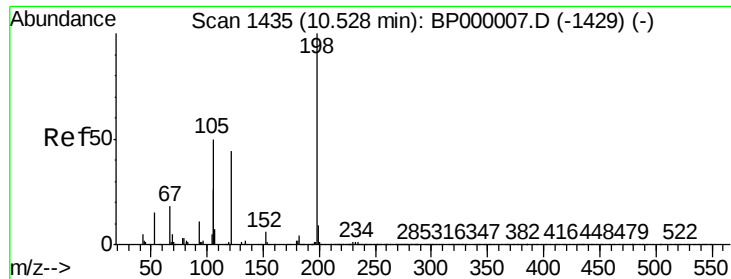
mohammad
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.43 min Scan# 1589
Delta R.T. -0.01 min
Lab File: BP000057.D
Acq: 04 Sep 2019 11:21

Tgt Ion	Ion	Ratio	Lower	Upper
188	188	100		
94	94	12.3	8.8	13.2
80	80	13.0	9.0	13.6





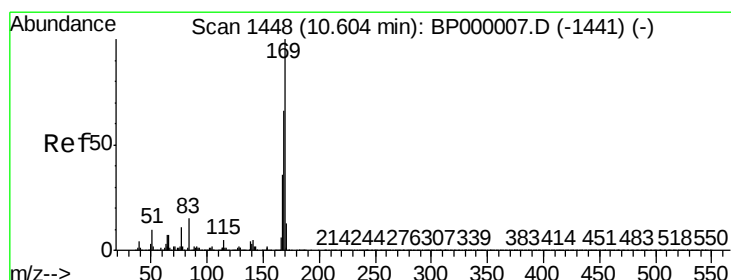
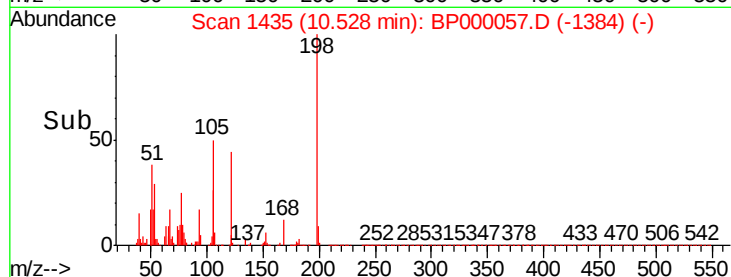
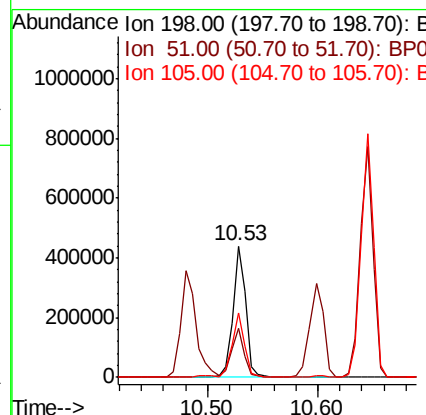
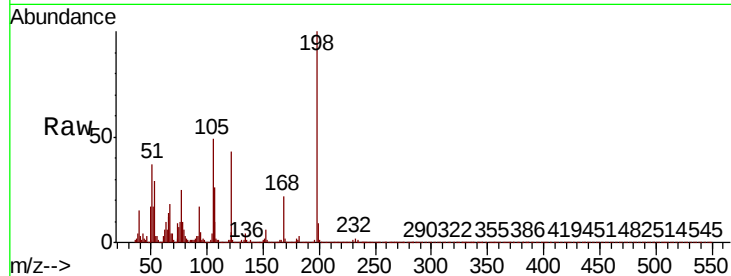
#65
4,6-Dinitro-2-methylphenol
Concen: 53.541 ng
RT: 10.53 min Scan# 1435
Delta R.T. -0.00 min
Lab File: BP000057.D
Acq: 04 Sep 2019 11:21

Instrument :
BNA_P
ClientSampleId :
SB-4-(7-9)MS

Tot Ion	Ratio	Lower	Upper
198	100		
51	37.4	22.1	62.1
105	49.2	32.0	72.0

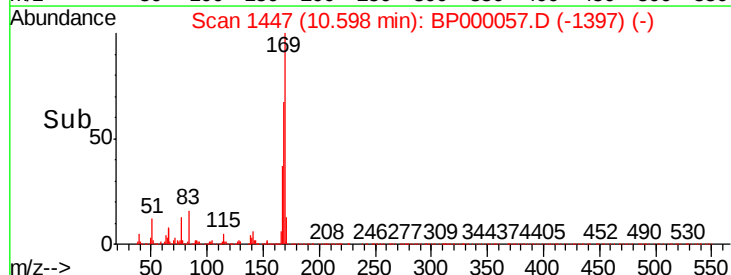
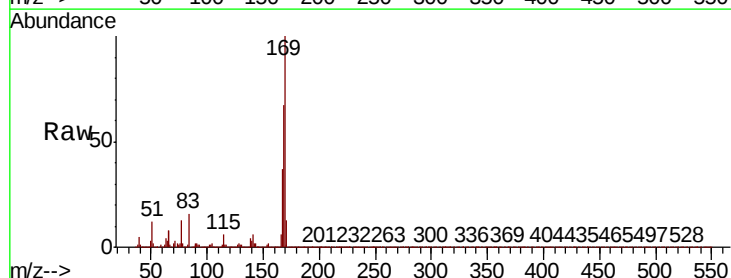
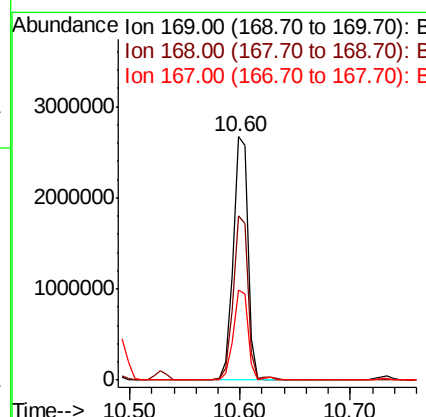
Manual Integrations
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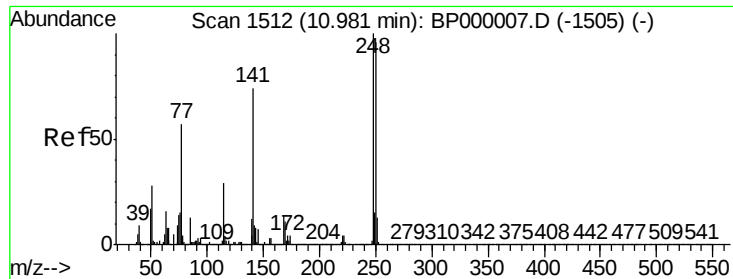
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#66
n-Nitrosodiphenylamine
Concen: 49.765 ng
RT: 10.60 min Scan# 1447
Delta R.T. -0.01 min
Lab File: BP000057.D
Acq: 04 Sep 2019 11:21

Tgt Ion	Ratio	Lower	Upper
169	100		
168	67.2	52.9	79.3
167	37.0	29.2	43.8





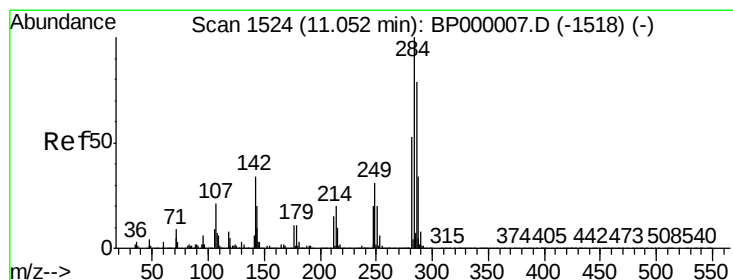
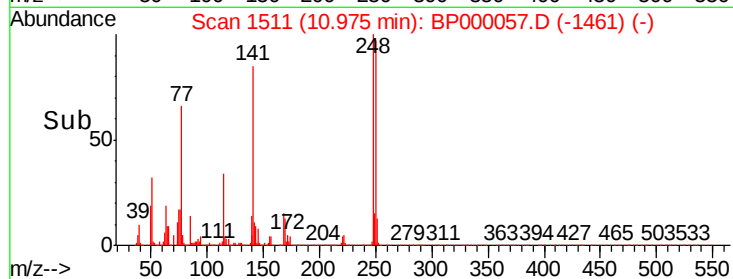
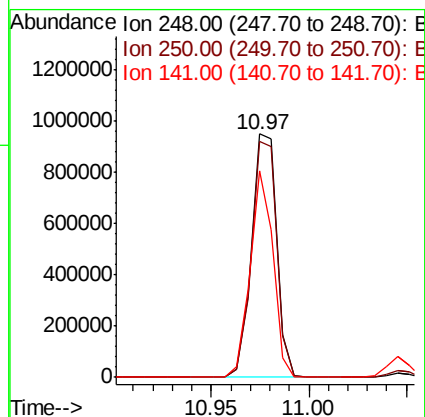
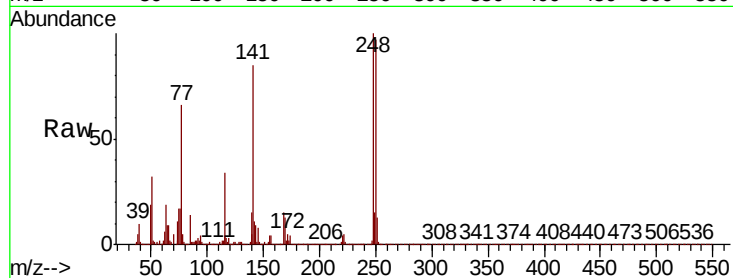
#67
4-Bromophenyl-phenylether
Concen: 49.139 ng
RT: 10.97 min Scan# 1511
Delta R.T. -0.01 min
Lab File: BP000057.D
Acq: 04 Sep 2019 11:21

Instrument :
BNA_P
ClientSampleId :
SB-4-(7-9)MS

Tot Ion	Ratio	Lower	Upper
248	100		
250	97.0	77.1	115.7
141	84.8	59.5	89.3

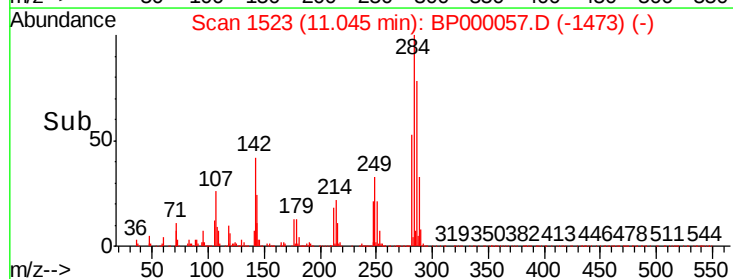
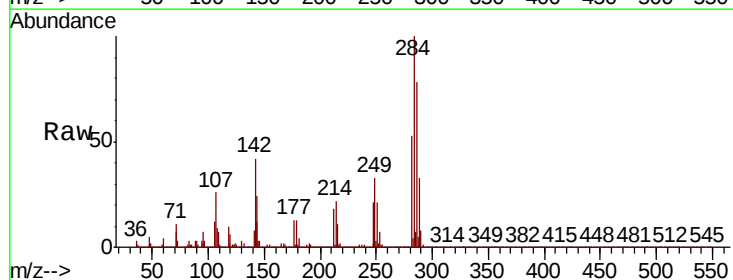
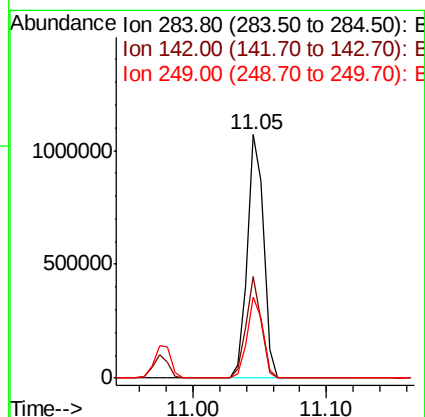
Manual Integrations
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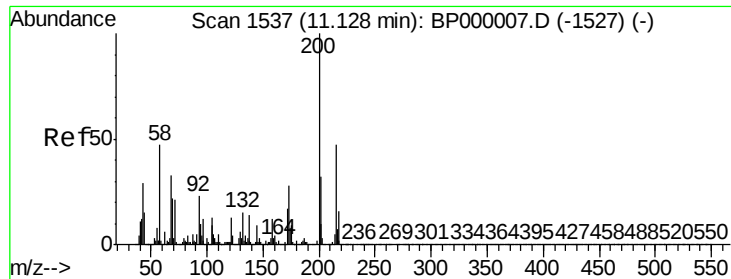
mohammad
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#68
Hexachlorobenzene
Concen: 47.602 ng
RT: 11.05 min Scan# 1523
Delta R.T. -0.01 min
Lab File: BP000057.D
Acq: 04 Sep 2019 11:21

Tgt Ion	Ratio	Lower	Upper
284	100		
142	41.7	27.0	40.4#
249	33.3	24.9	37.3





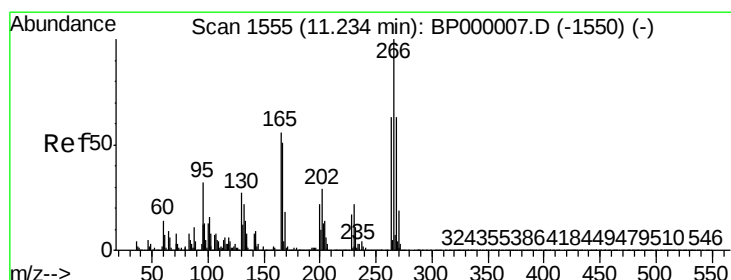
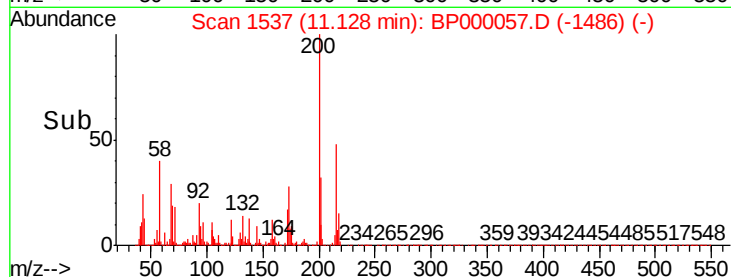
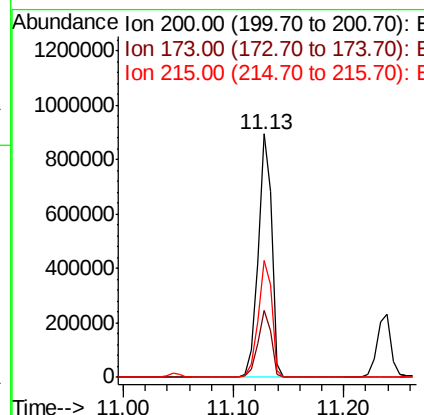
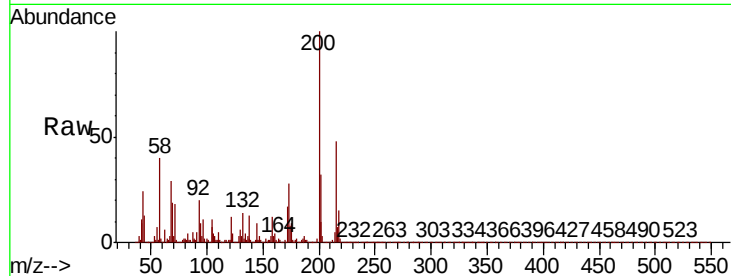
#69
Atrazine
Concen: 59.682 ng
RT: 11.13 min Scan# 1537
Delta R.T. 0.00 min
Lab File: BP000057.D
Acq: 04 Sep 2019 11:21

Instrument :
BNA_P
ClientSampleId :
SB-4-(7-9)MS

Tot Ion	Ratio	Resp	Lower	Upper
200	100	765498		
173	27.6	8.1	48.1	
215	47.9	26.7	66.7	

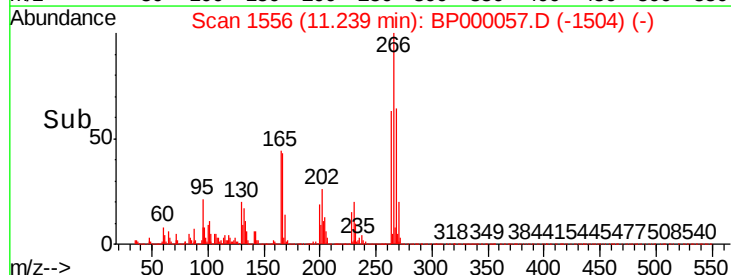
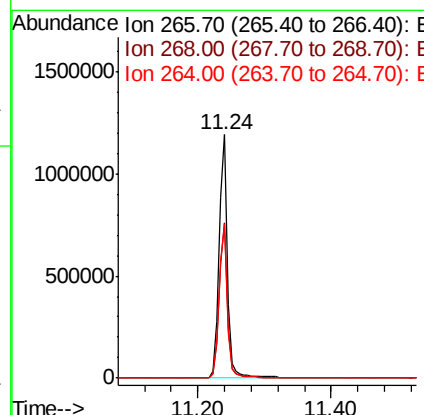
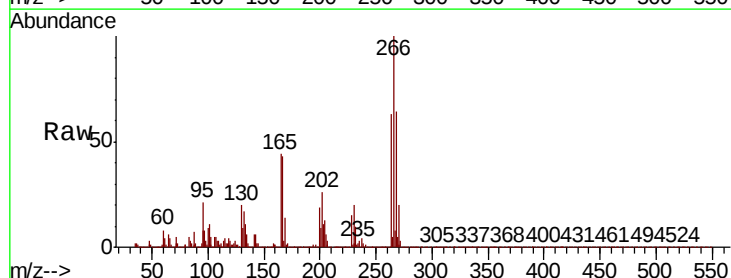
Manual Integrations
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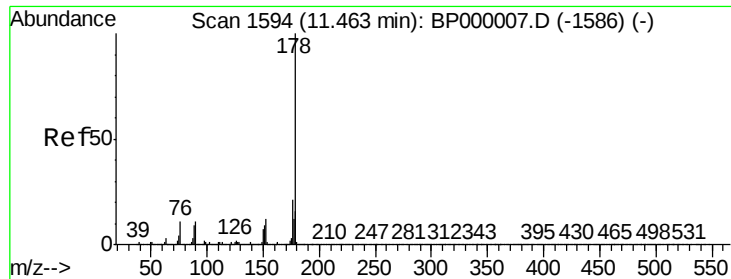
mohammad
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#70
Pentachlorophenol
Concen: 104.750 ng
RT: 11.24 min Scan# 1556
Delta R.T. 0.01 min
Lab File: BP000057.D
Acq: 04 Sep 2019 11:21

Tgt Ion	Ratio	Resp	Lower	Upper
266	100	1063776		
268	63.7	50.1	75.1	
264	63.1	50.6	76.0	





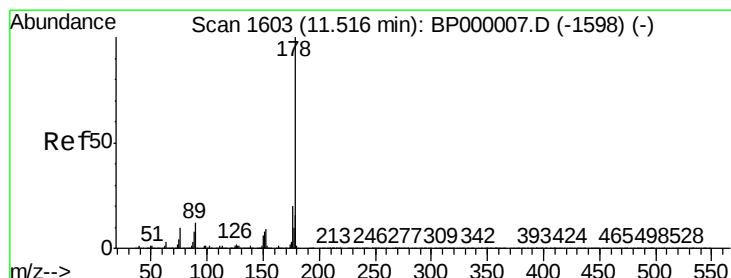
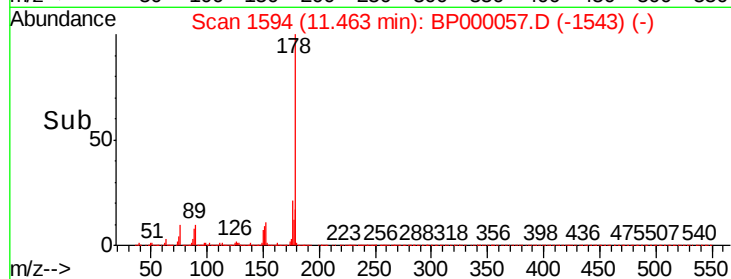
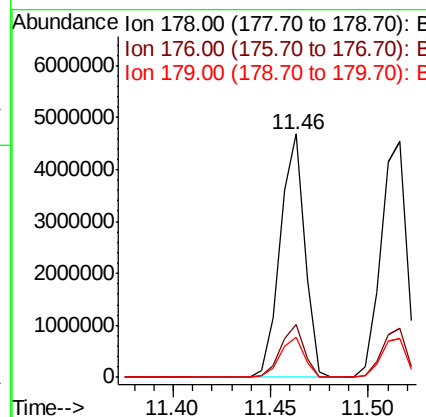
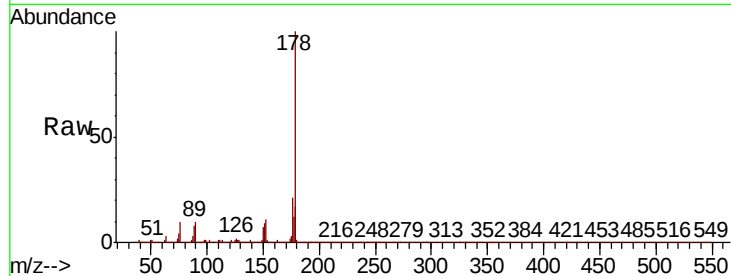
#71
Phenanthrene
Concen: 48.365 ng
RT: 11.46 min Scan# 1594
Delta R.T. -0.00 min
Lab File: BP000057.D
Acq: 04 Sep 2019 11:21

Instrument :
BNA_P
ClientSampleId :
SB-4-(7-9)MS

Tot Ion:178 Resp: 4080036
Ion Ratio Lower Upper
178 100
176 21.5 16.7 25.1
179 16.6 13.1 19.7

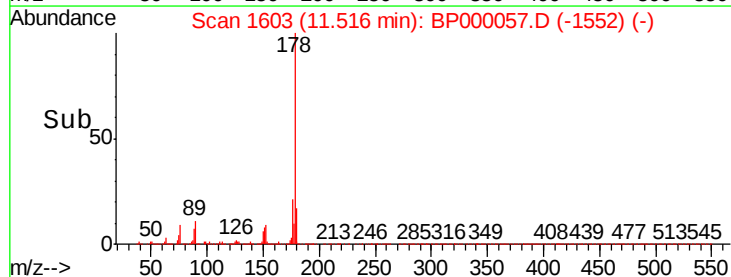
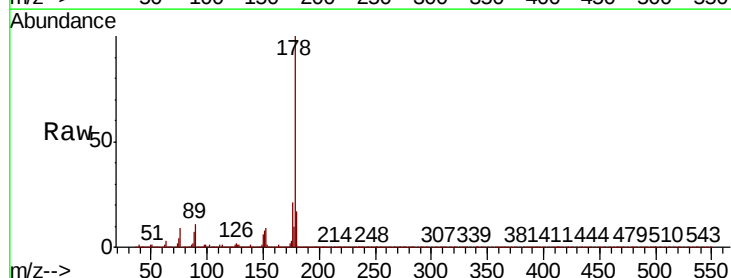
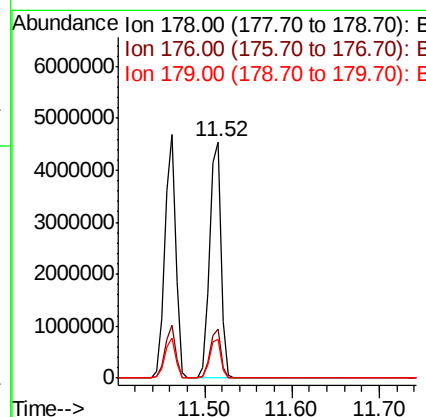
Manual Integrations
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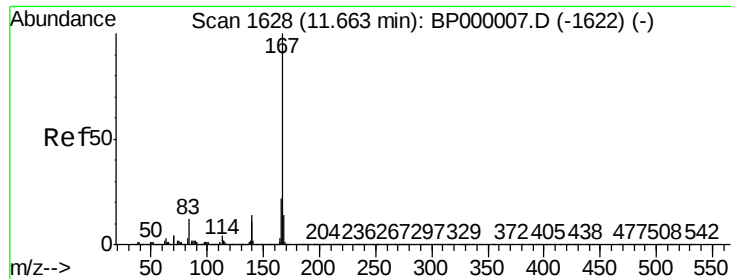
mohammad
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#72
Anthracene
Concen: 49.665 ng
RT: 11.52 min Scan# 1603
Delta R.T. -0.00 min
Lab File: BP000057.D
Acq: 04 Sep 2019 11:21

Tgt Ion:178 Resp: 4138713
Ion Ratio Lower Upper
178 100
176 20.6 15.9 23.9
179 16.6 13.0 19.6





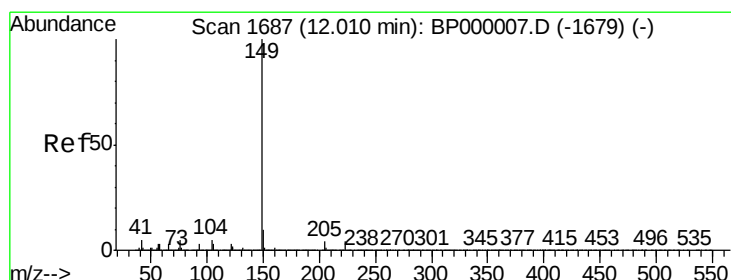
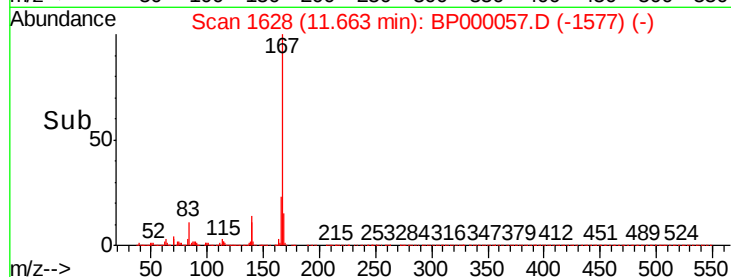
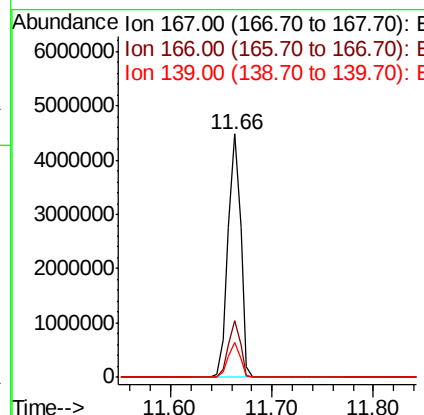
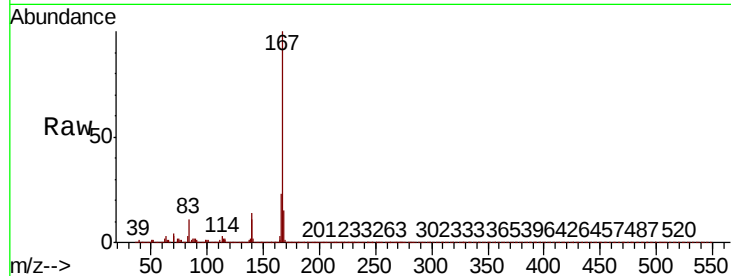
#73
 Carbazole
 Concen: 49.559 ng
 RT: 11.66 min Scan# 1628
 Delta R.T. -0.00 min
 Lab File: BP000057.D
 Acq: 04 Sep 2019 11:21

Instrument :
 BNA_P
 ClientSampleId :
 SB-4-(7-9)MS

Tot Ion	Ratio	Lower	Upper
167	100		
166	23.1	17.9	26.9
139	14.3	11.4	17.2

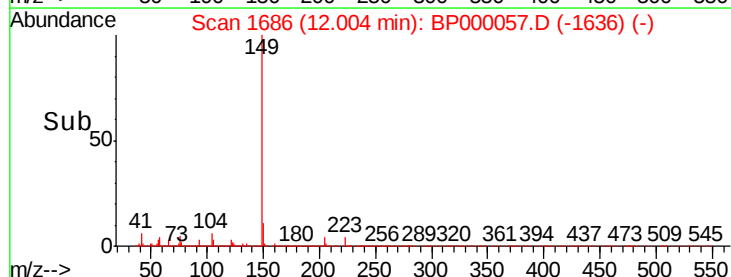
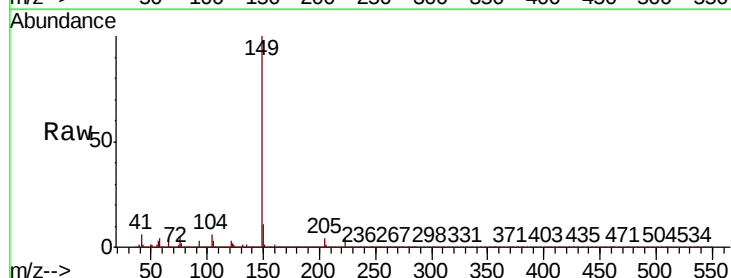
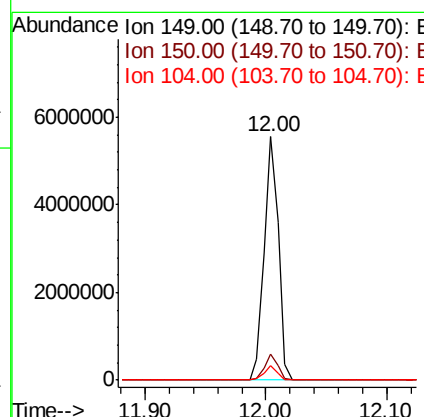
Manual Integrations
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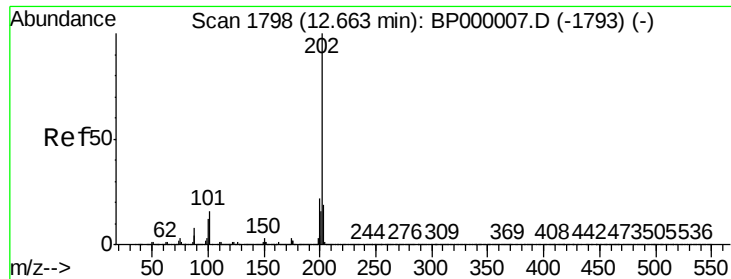
mohammad
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#74
 Di-n-butylphthalate
 Concen: 48.040 ng
 RT: 12.00 min Scan# 1686
 Delta R.T. -0.01 min
 Lab File: BP000057.D
 Acq: 04 Sep 2019 11:21

Tgt Ion	Ratio	Lower	Upper
149	100		
150	10.7	8.0	12.0
104	5.9	4.4	6.6





#75

Fluoranthene

Concen: 50.278 ng

RT: 12.66 min Scan# 1798

Delta R.T. -0.00 min

Lab File: BP000057.D

Acq: 04 Sep 2019 11:21

Instrument :

BNA_P

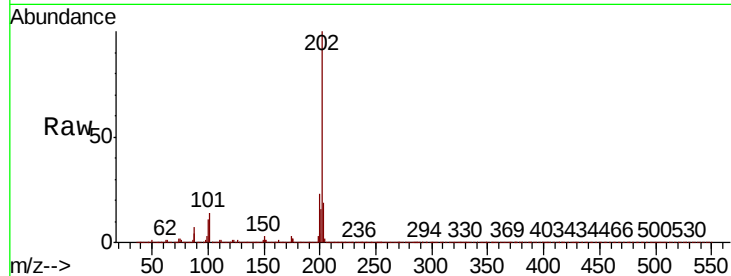
ClientSampleId :

SB-4-(7-9)MS

Tot Ion	Ratio	Lower	Upper
202	100		
101	14.3	0.0	36.4
203	19.2	0.0	38.7

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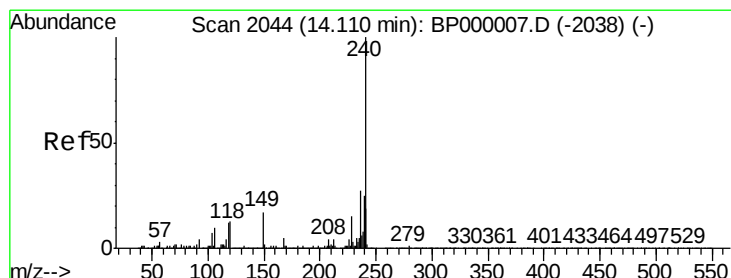
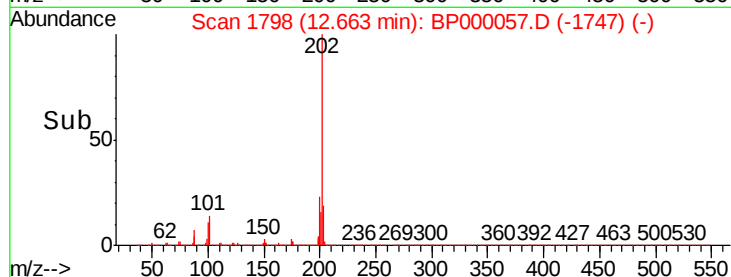
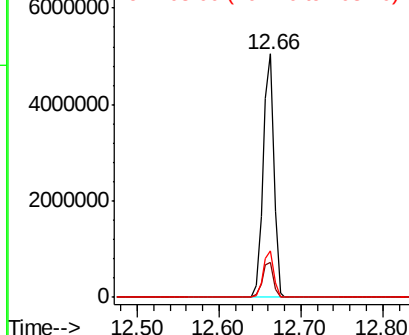


Abundance

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: 14.10 min Scan# 2043

Delta R.T. -0.01 min

Lab File: BP000057.D

Acq: 04 Sep 2019 11:21

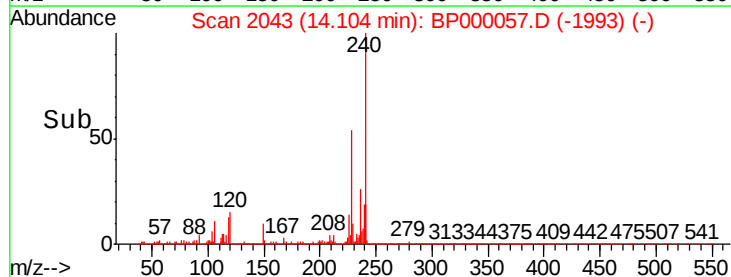
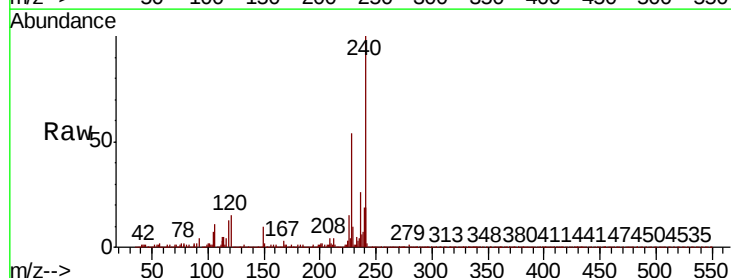
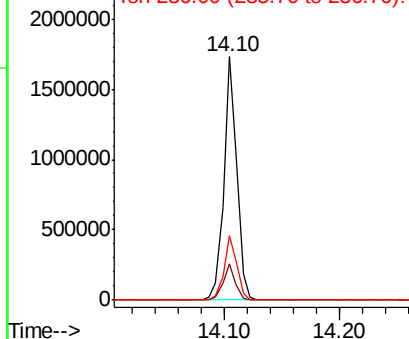
Tgt Ion	Ratio	Lower	Upper
240	100		
120	14.8	10.5	15.7
236	26.5	21.5	32.3

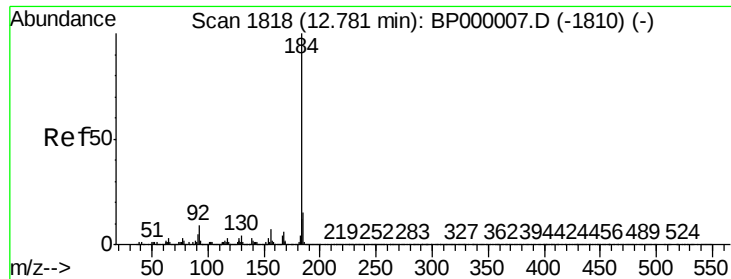
Abundance

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: 41.906 ng

RT: 12.77 min Scan# 1817

Delta R.T. -0.01 min

Lab File: BP000057.D

Acq: 04 Sep 2019 11:21

Instrument :

BNA_P

ClientSampled :

SB-4-(7-9)MS

Tot Ion:184 Resp: 1945390

Ion Ratio Lower Upper

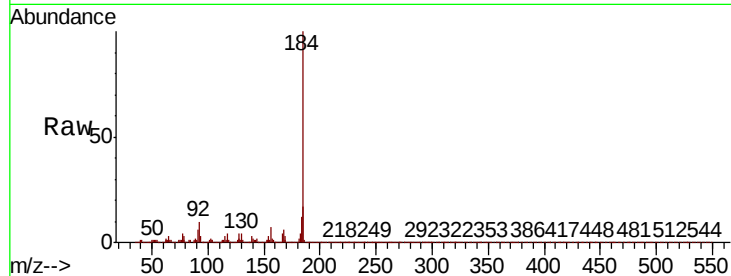
184 100

185 17.0 11.8 17.8

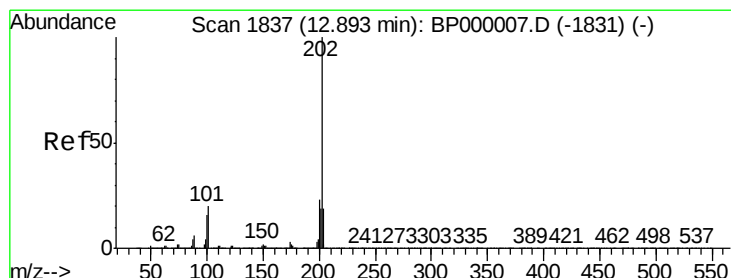
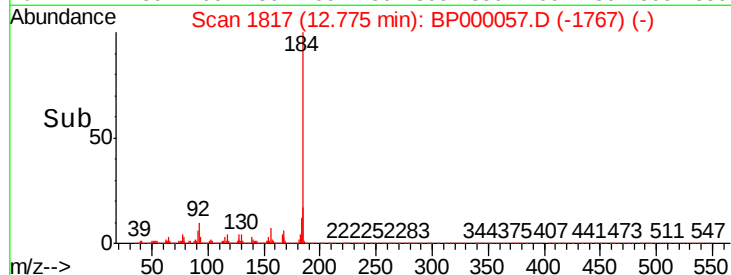
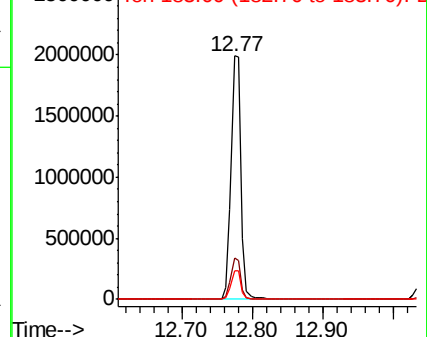
183 12.0 9.4 14.0

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



#78

Pyrene

Concen: 46.486 ng

RT: 12.89 min Scan# 1837

Delta R.T. -0.00 min

Lab File: BP000057.D

Acq: 04 Sep 2019 11:21

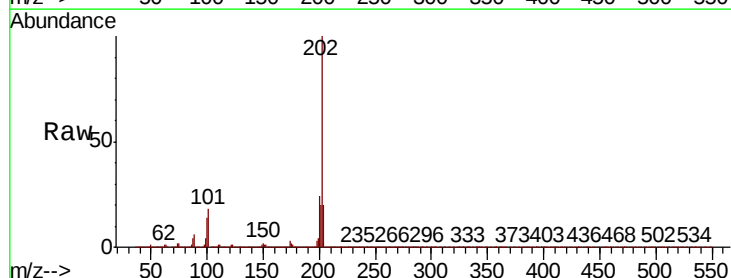
Tgt Ion:202 Resp: 4601341

Ion Ratio Lower Upper

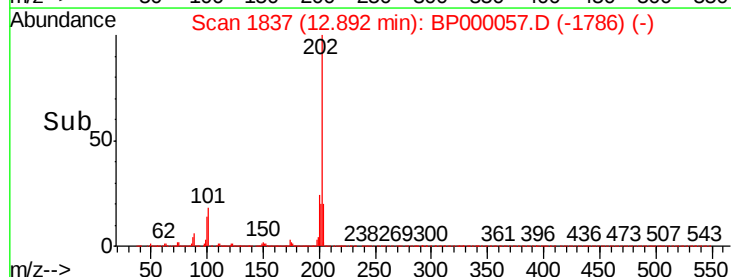
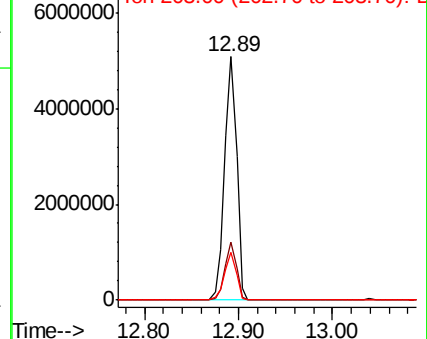
202 100

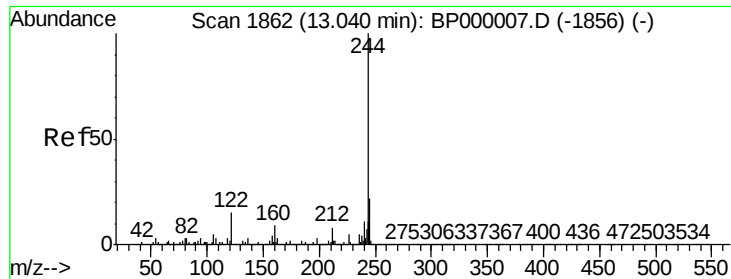
200 24.0 18.5 27.7

203 19.7 15.1 22.7



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





#79

Terphenyl-d14

Concen: 83.519 ng

RT: 13.04 min Scan# 1862

Delta R.T. -0.00 min

Lab File: BP000057.D

Acq: 04 Sep 2019 11:21

Instrument :

BNA_P

ClientSampleId :

SB-4-(7-9)MS

Tot Ion:244 Resp: 5155674

Ion Ratio Lower Upper

244 100

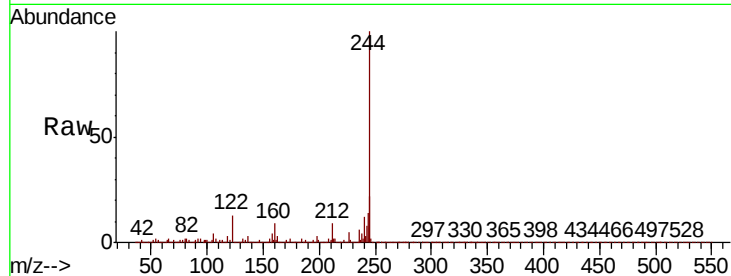
212 8.8 6.6 10.0

122 13.2 12.3 18.5

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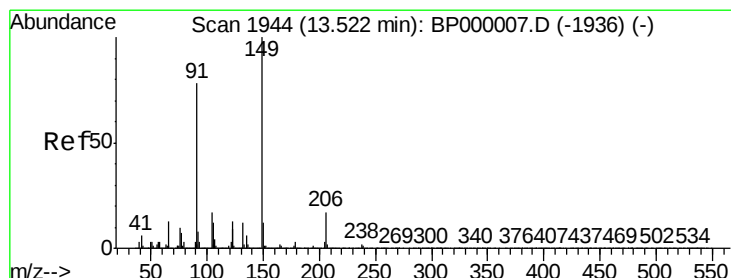
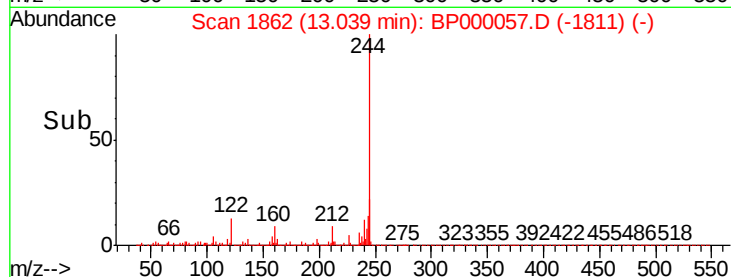
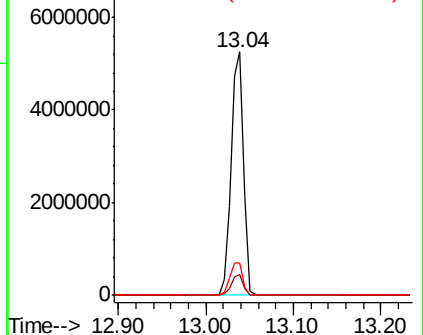
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Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 47.486 ng

RT: 13.52 min Scan# 1944

Delta R.T. -0.00 min

Lab File: BP000057.D

Acq: 04 Sep 2019 11:21

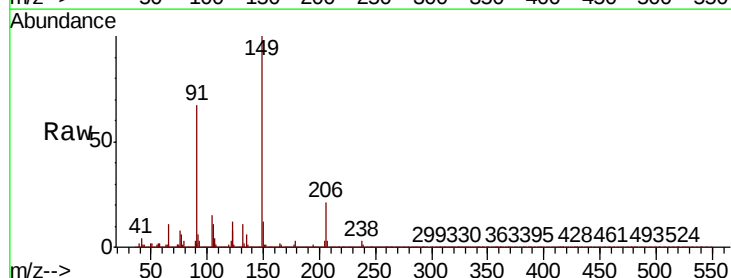
Tgt Ion:149 Resp: 2094247

Ion Ratio Lower Upper

149 100

91 67.5 62.7 94.1

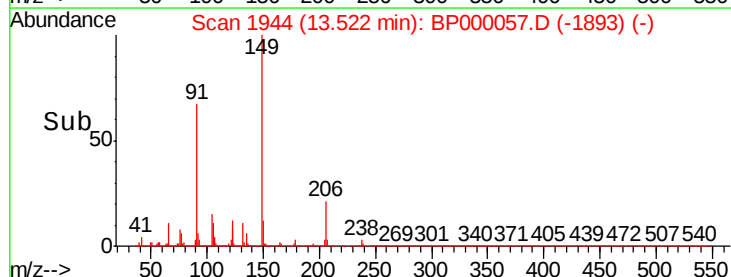
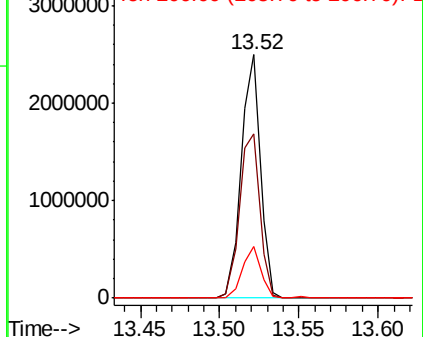
206 21.4 13.8 20.6#

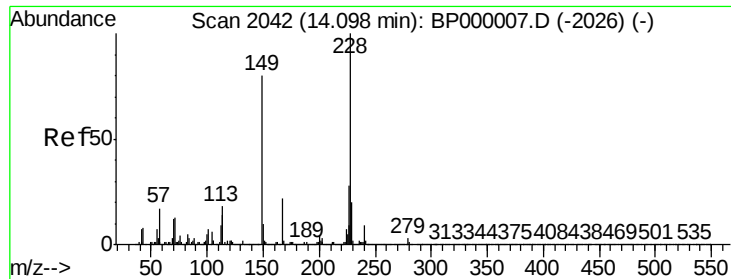


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BP0

Ion 206.00 (205.70 to 206.70): E





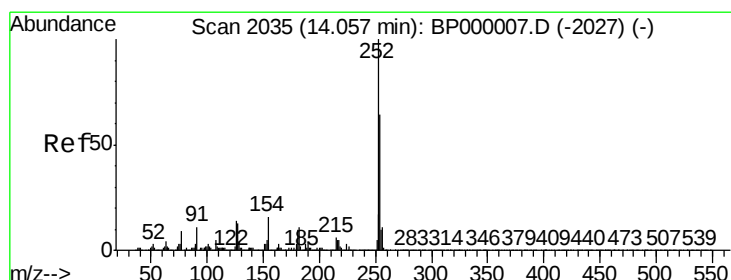
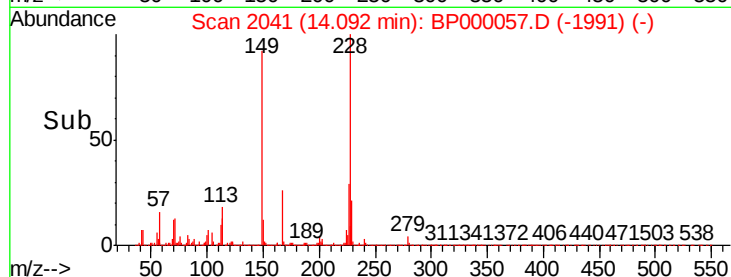
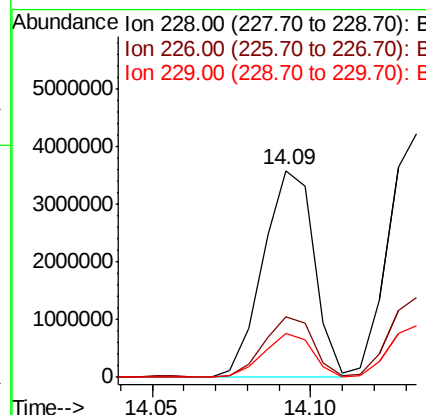
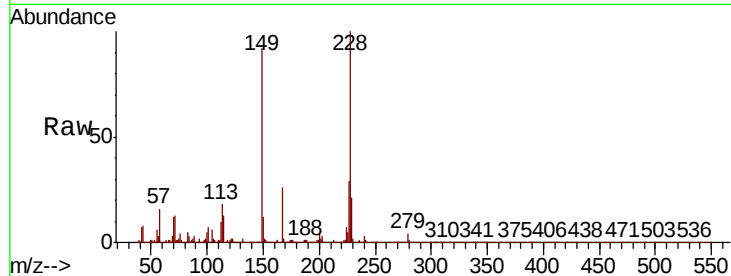
#81
Benzo(a)anthracene
Concen: 46.162 ng
RT: 14.09 min Scan# 2041
Delta R.T. -0.01 min
Lab File: BP000057.D
Acq: 04 Sep 2019 11:21

Instrument :
BNA_P
ClientSampleId :
SB-4-(7-9)MS

Tot Ion:228 Resp: 4024735
Ion Ratio Lower Upper
228 100
226 29.1 22.5 33.7
229 21.1 16.2 24.2

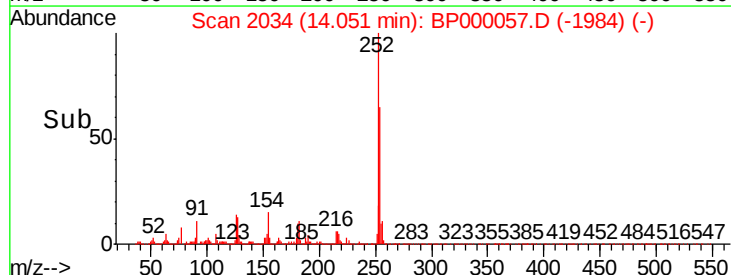
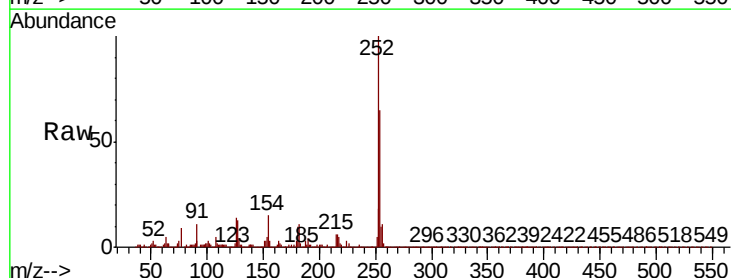
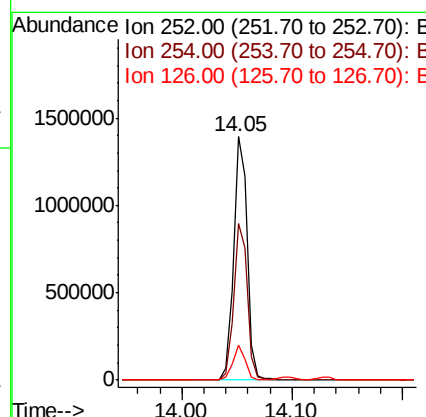
Manual Integrations
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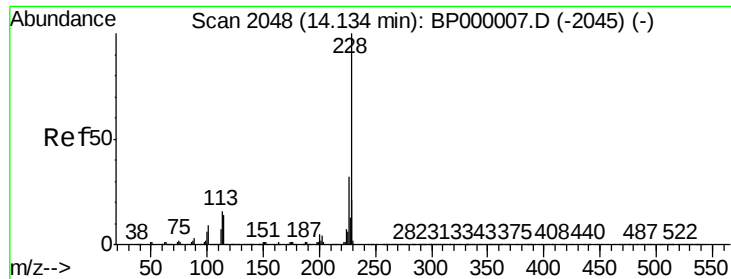
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#82
3,3'-Dichlorobenzidine
Concen: 37.225 ng
RT: 14.05 min Scan# 2034
Delta R.T. -0.01 min
Lab File: BP000057.D
Acq: 04 Sep 2019 11:21

Tgt Ion:252 Resp: 1197322
Ion Ratio Lower Upper
252 100
254 64.5 51.4 77.0
126 14.1 11.1 16.7





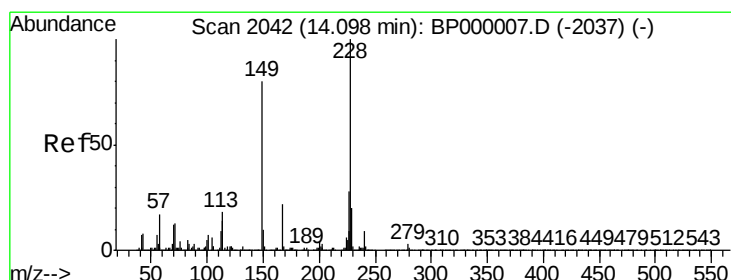
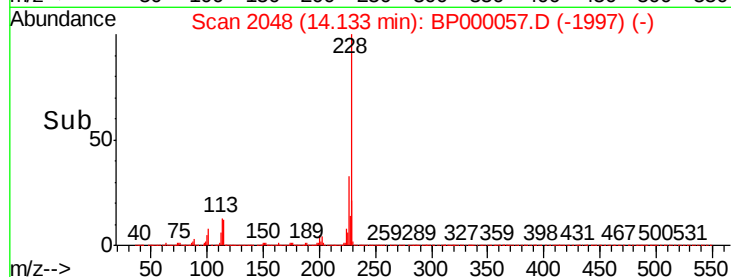
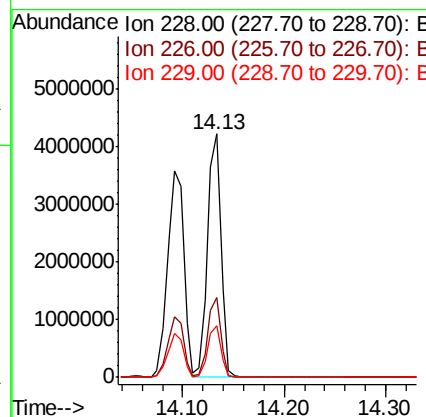
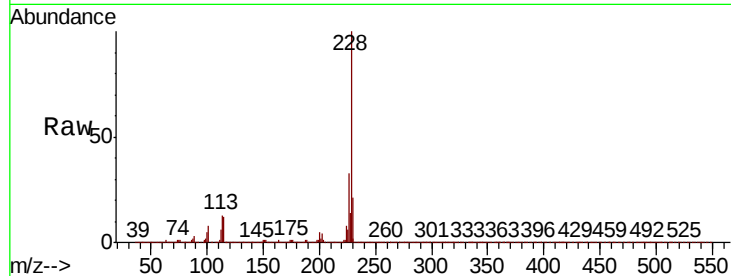
#83
 Chrysene
 Concen: 47.440 ng
 RT: 14.13 min Scan# 2048
 Delta R.T. -0.00 min
 Lab File: BP000057.D
 Acq: 04 Sep 2019 11:21

Instrument :
 BNA_P
 ClientSampleId :
 SB-4-(7-9)MS

Tot Ion	Ratio	Lower	Upper
228	100		
226	33.0	25.5	38.3
229	21.2	16.5	24.7

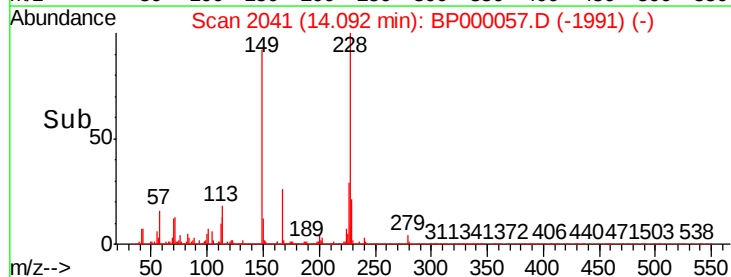
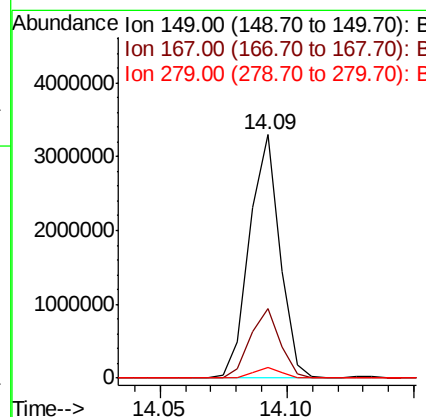
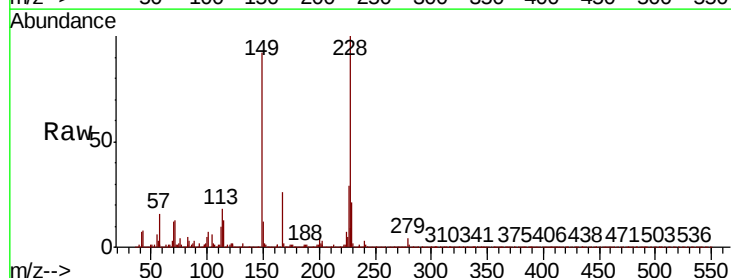
Manual Integrations
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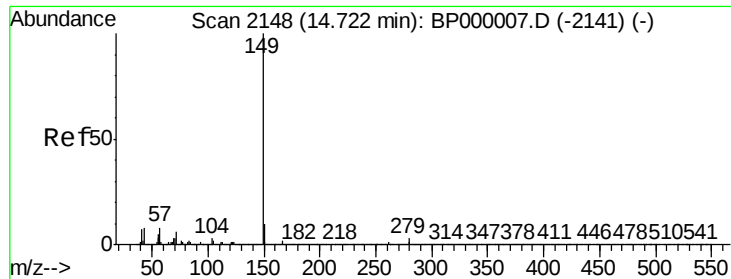
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#84
 Bis(2-ethylhexyl)phthalate
 Concen: 47.992 ng
 RT: 14.09 min Scan# 2041
 Delta R.T. -0.01 min
 Lab File: BP000057.D
 Acq: 04 Sep 2019 11:21

Tgt Ion	Ratio	Lower	Upper
149	100		
167	28.8	22.4	33.6
279	4.4	3.1	4.7





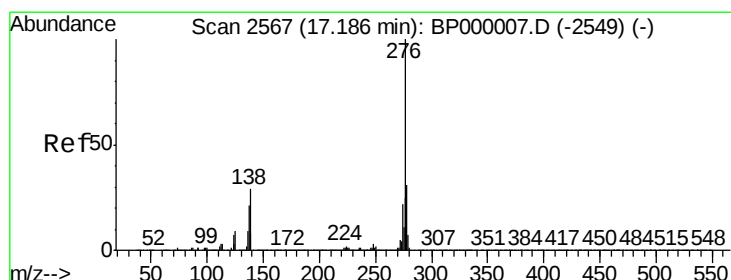
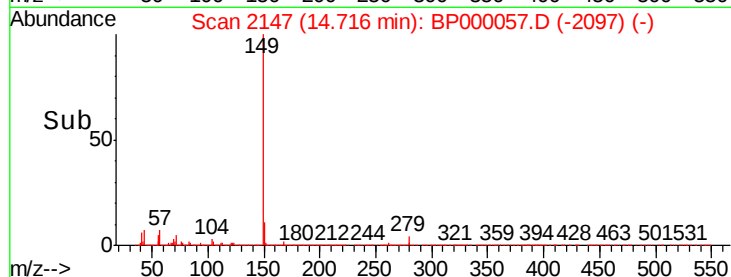
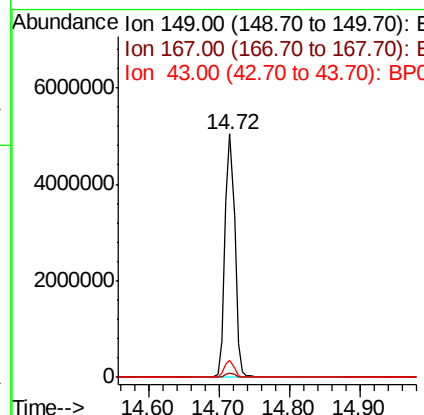
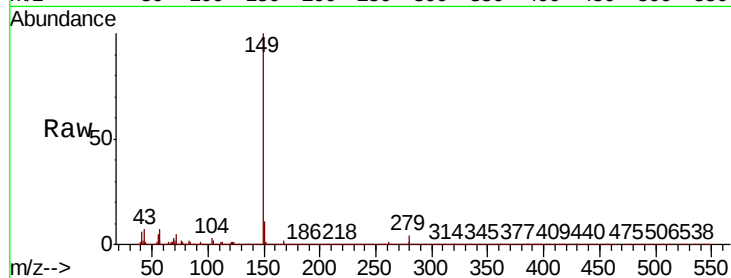
#85
Di-n-octyl phthalate
Concen: 48.169 ng
RT: 14.72 min Scan# 2147
Delta R.T. -0.01 min
Lab File: BP000057.D
Acq: 04 Sep 2019 11:21

Instrument :
BNA_P
ClientSampleId :
SB-4-(7-9)MS

Tot Ion	Ratio	Lower	Upper
149	100		
167	1.7	1.3	1.9
43	6.8	6.5	9.7

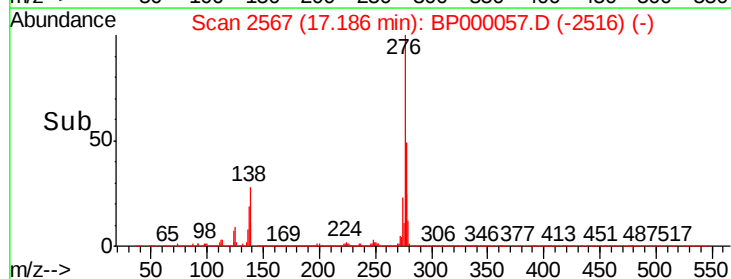
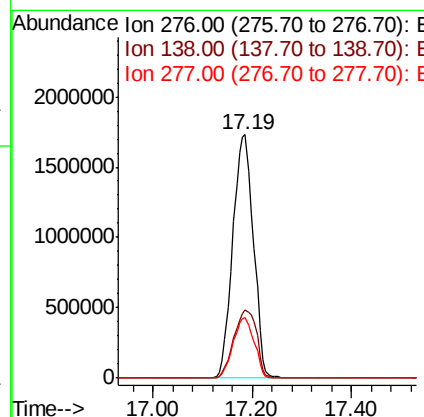
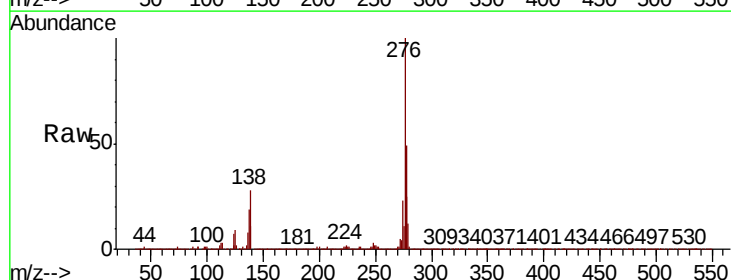
Manual Integrations
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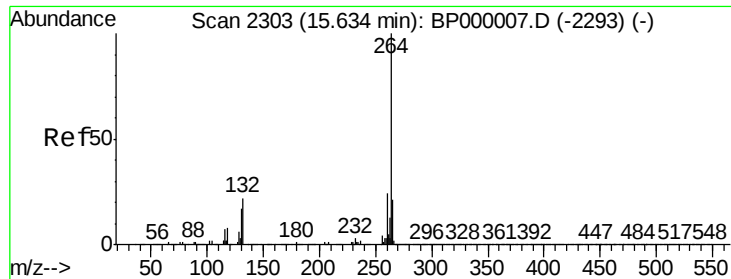
mohammad
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#86
Indeno(1,2,3-cd)pyrene
Concen: 48.222 ng
RT: 17.19 min Scan# 2567
Delta R.T. -0.00 min
Lab File: BP000057.D
Acq: 04 Sep 2019 11:21

Tgt Ion	Ratio	Lower	Upper
276	100		
138	30.7	26.5	39.7
277	25.4	20.3	30.5





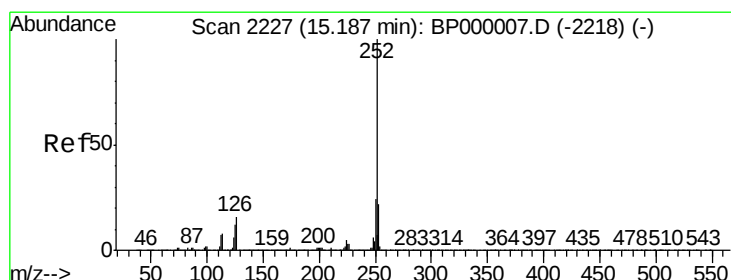
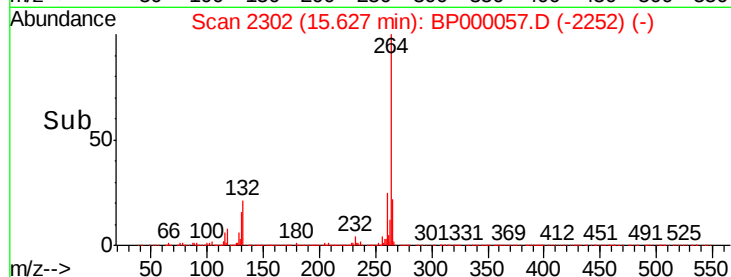
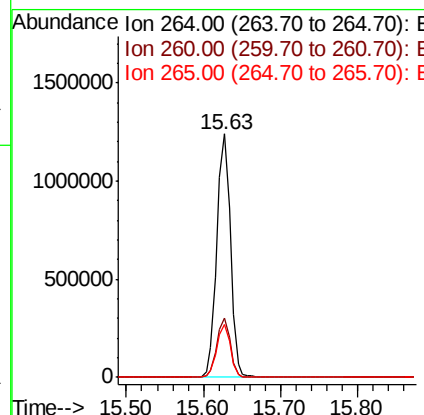
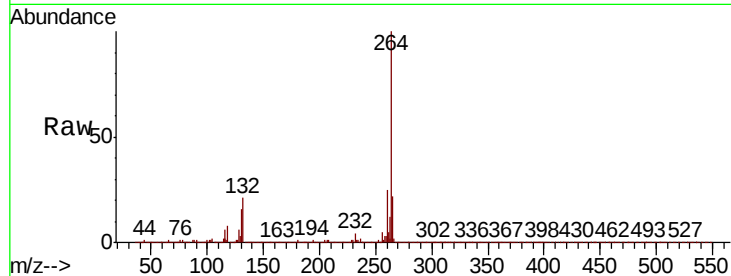
#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.63 min Scan# 2302
Delta R.T. -0.01 min
Lab File: BP000057.D
Acq: 04 Sep 2019 11:21

Instrument :
BNA_P
ClientSampleId :
SB-4-(7-9)MS

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.5	19.1	28.7
265	21.9	17.1	25.7

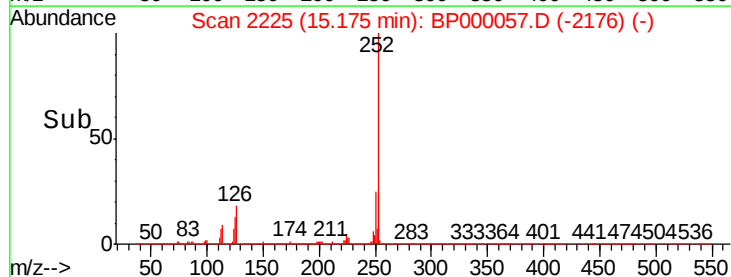
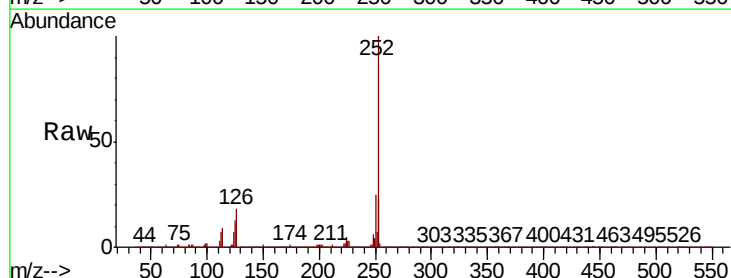
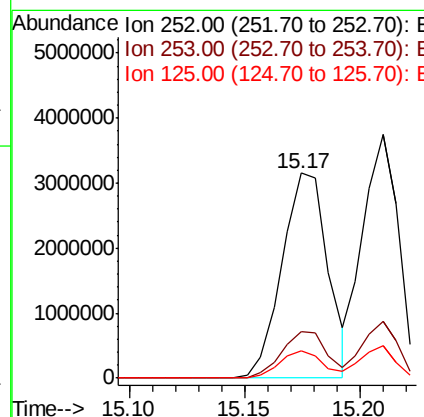
Manual Integrations
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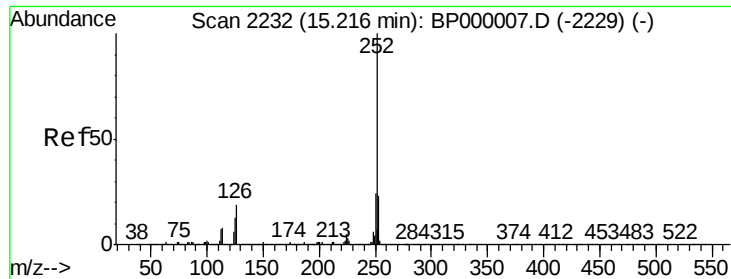
mohammad
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#88
Benzo(b)fluoranthene
Concen: 47.479 ng
RT: 15.17 min Scan# 2225
Delta R.T. -0.01 min
Lab File: BP000057.D
Acq: 04 Sep 2019 11:21

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.6	17.8	26.6
125	13.4	9.4	14.2





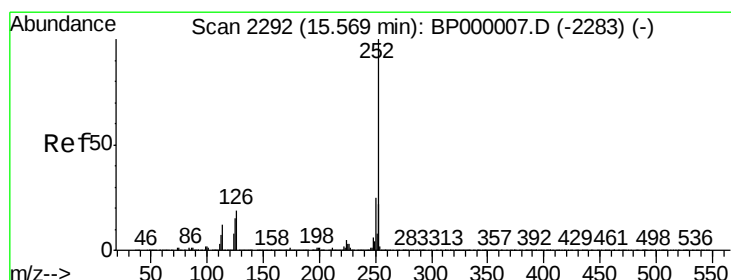
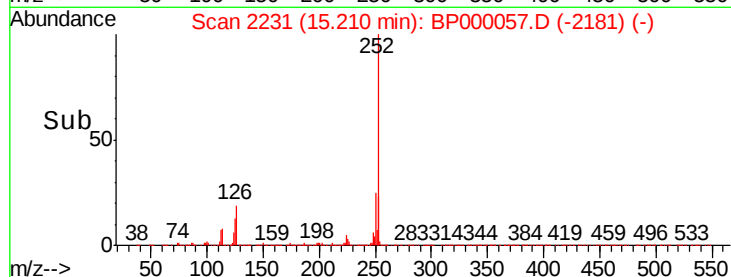
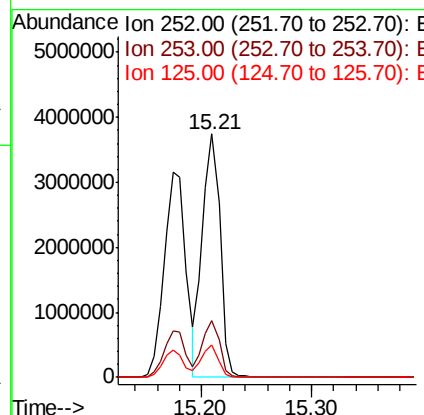
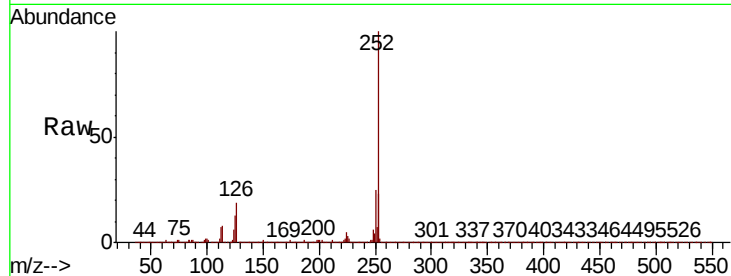
#89
Benzo(k)fluoranthene
Concen: 48.406 ng
RT: 15.21 min Scan# 2231
Delta R.T. -0.01 min
Lab File: BP000057.D
Acq: 04 Sep 2019 11:21

Instrument :
BNA_P
ClientSampleId :
SB-4-(7-9)MS

Tot Ion:252 Resp: 4071067
Ion Ratio Lower Upper
252 100
253 23.1 18.0 27.0
125 13.2 10.3 15.5

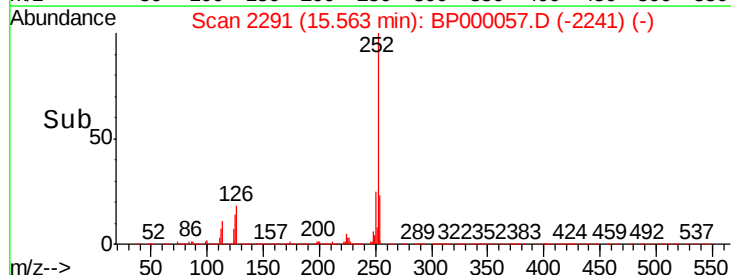
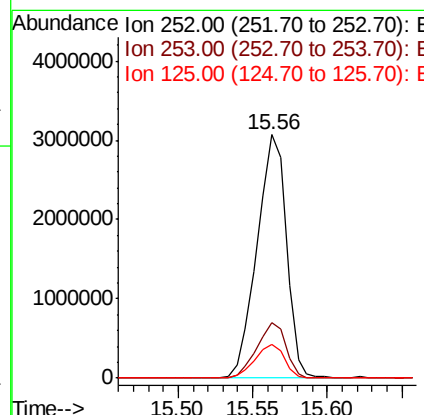
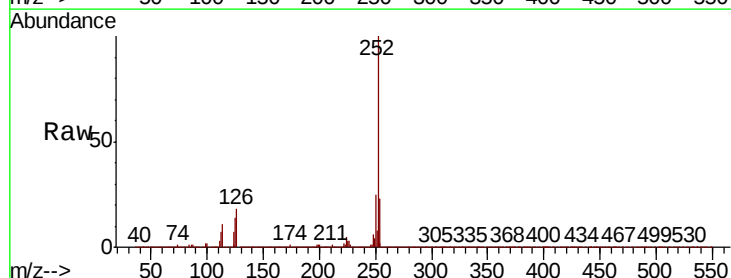
Manual Integrations
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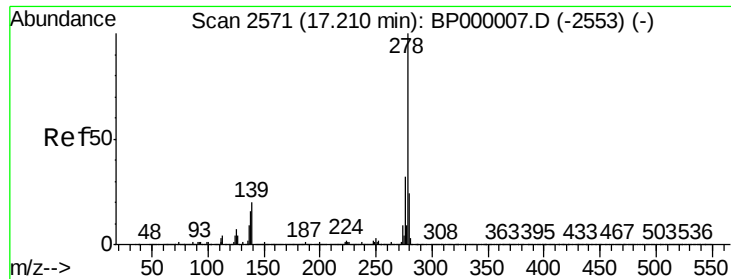
mohammad
9/10/2019 9:51:17 AM



#90
Benzo(a)pyrene
Concen: 50.306 ng
RT: 15.56 min Scan# 2291
Delta R.T. -0.01 min
Lab File: BP000057.D
Acq: 04 Sep 2019 11:21

Tgt Ion:252 Resp: 4173476
Ion Ratio Lower Upper
252 100
253 22.8 17.5 26.3
125 14.0 11.7 17.5





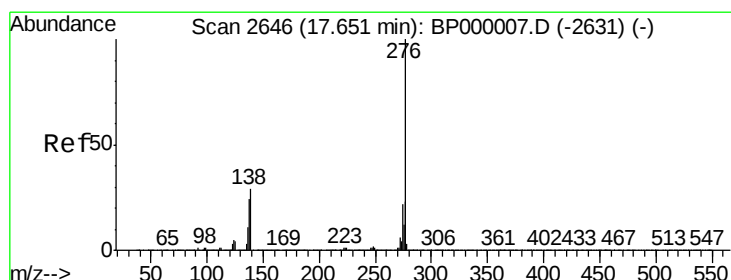
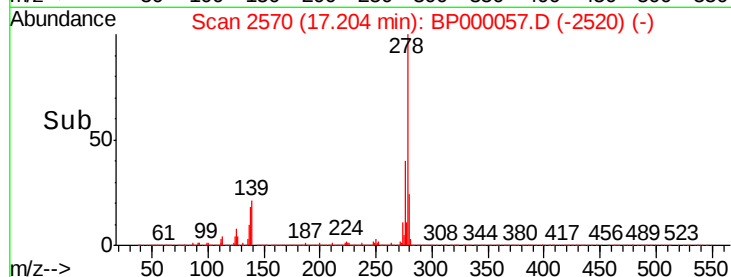
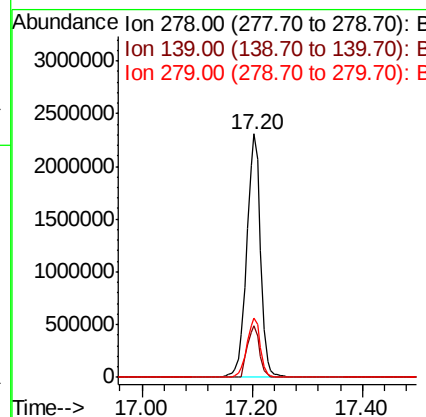
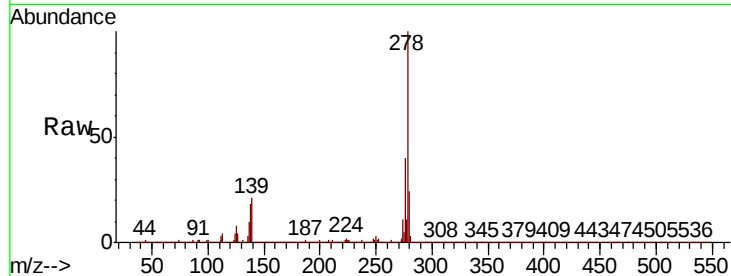
#91
Dibenzo(a,h)anthracene
Concen: 48.608 ng
RT: 17.20 min Scan# 2570
Delta R.T. -0.01 min
Lab File: BP000057.D
Acq: 04 Sep 2019 11:21

Instrument :
BNA_P
ClientSampleId :
SB-4-(7-9)MS

Tot Ion	Ratio	Lower	Upper
278	100		
139	21.1	16.4	24.6
279	24.3	19.2	28.8

Manual Integrations
APPROVED

mohammad
9/10/2019 9:51:17 AM



#92
Benzo(g,h,i)perylene
Concen: 49.566 ng
RT: 17.65 min Scan# 2646
Delta R.T. -0.00 min
Lab File: BP000057.D
Acq: 04 Sep 2019 11:21

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.8	18.6	28.0
138	27.2	23.0	34.4

