

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP090819\
 Data File : BP000112.D
 Acq On : 09 Sep 2019 00:43
 Operator : HP/JU
 Sample : K4696-08MSD
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 WS-SB09-COMPMSD

Manual Integrations
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mohammad
 9/10/2019 2:51:14 PM

Quant Time: Sep 09 07:28:24 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	427593	20.00	ng	0.00
21) Naphthalene-d8	8.17	136	1590715	20.00	ng	0.00
39) Acenaphthene-d10	9.93	164	868957	20.00	ng	-0.01
64) Phenanthrene-d10	11.43	188	1558595	20.00	ng	0.00
76) Chrysene-d12	14.10	240	1292424	20.00	ng	-0.01
87) Perylene-d12	15.62	264	1431726	20.00	ng	-0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.52	112	2779680	103.66	ng	0.00
7) Phenol-d6	6.52	99	3627324	107.15	ng	0.00
23) Nitrobenzene-d5	7.45	82	1963510	75.74	ng	0.00
42) 2,4,6-Tribromophenol	10.73	330	893605	122.00	ng	0.00
45) 2-Fluorobiphenyl	9.25	172	3853414	74.06	ng	0.00
79) Terphenyl-d14	13.03	244	4367137	73.65	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.72	88	385044	31.218	ng	95
3) Pyridine	3.49	79	947788	28.522	ng	96
4) n-Nitrosodimethylamine	3.42	42	322703	30.074	ng	87
6) Aniline	6.55	93	1395338	28.482	ng	97
8) 2-Chlorophenol	6.67	128	1069401	38.570	ng	98
9) Benzaldehyde	6.44	77	654378	31.348	ng	96
10) Phenol	6.53	94	1428490	37.982	ng	98
11) bis(2-Chloroethyl)ether	6.62	93	1035822	34.864	ng	98
12) 1,3-Dichlorobenzene	6.83	146	1140828	35.275	ng	99
13) 1,4-Dichlorobenzene	6.91	146	1158043	35.959	ng	99
14) 1,2-Dichlorobenzene	7.06	146	1088241	36.778	ng	98
15) Benzyl Alcohol	7.02	79	870747	35.084	ng	96
16) 2,2'-oxybis(1-Chloropropan	7.16	45	974708	30.508	ng	96
17) 2-Methylphenol	7.13	107	880334	36.969	ng	99
18) Hexachloroethane	7.41	117	420971	35.245	ng	97
19) n-Nitroso-di-n-propylamine	7.30	70	639405	33.189	ng	97
20) 3+4-Methylphenols	7.29	107	1113671	37.499	ng	# 82
22) Acetophenone	7.29	105	1464160	38.428	ng	99
24) Nitrobenzene	7.46	77	1044774	37.200	ng	96
25) Isophorone	7.70	82	1957943	35.744	ng	99
26) 2-Nitrophenol	7.79	139	501463	45.849	ng	97
27) 2,4-Dimethylphenol	7.82	122	948259	42.966	ng	100
28) bis(2-Chloroethoxy)methane	7.92	93	1270403	35.666	ng	98
29) 2,4-Dichlorophenol	8.02	162	904861	39.872	ng	99
30) 1,2,4-Trichlorobenzene	8.12	180	977962	37.801	ng	98
31) Naphthalene	8.19	128	2965128	40.627	ng	100
32) Benzoic acid	7.92	122	585648	41.033	ng	95
33) 4-Chloroaniline	8.23	127	821559	23.867	ng	96
34) Hexachlorobutadiene	8.32	225	553030	37.936	ng	99
35) Caprolactam	8.59	113	309367m	38.332	ng	
36) 4-Chloro-3-methylphenol	8.72	107	958068	38.692	ng	92
37) 2-Methylnaphthalene	8.89	142	2059306	40.376	ng	99
38) 1-Methylnaphthalene	8.99	142	1932922	40.222	ng	98
40) 1,2,4,5-Tetrachlorobenzene	9.06	216	954942	38.826	ng	99

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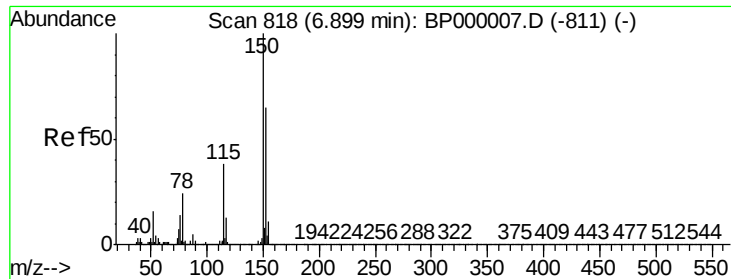
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.05	237	1085702	80.169	nq	99
43) 2,4,6-Trichlorophenol	9.16	196	635022	37.439	nq	98
44) 2,4,5-Trichlorophenol	9.20	196	702787	39.601	nq	97
46) 1,1'-Biphenyl	9.35	154	2430986	39.628	nq	98
47) 2-Chloronaphthalene	9.38	162	1916890	37.643	nq	97
48) 2-Nitroaniline	9.46	65	489955	35.621	nq	88
49) Acenaphthylene	9.80	152	3016592	39.923	nq	99
50) Dimethylphthalate	9.65	163	2571125	43.420	nq	99
51) 2,6-Dinitrotoluene	9.71	165	512491	40.775	nq	95
52) Acenaphthene	9.97	154	2036134	42.945	nq	98
53) 3-Nitroaniline	9.87	138	411353	27.396	nq #	92
54) 2,4-Dinitrophenol	9.98	184	407516	85.789	nq #	46
55) Dibenzofuran	10.15	168	2758425	40.971	nq	98
56) 4-Nitrophenol	10.03	139	909161	84.713	nq #	83
57) 2,4-Dinitrotoluene	10.12	165	680060	42.382	nq #	80
58) Fluorene	10.49	166	2051859	40.494	nq	99
59) 2,3,4,6-Tetrachlorophenol	10.26	232	586620	43.657	nq	94
60) Diethylphthalate	10.36	149	2234005	37.691	nq	99
61) 4-Chlorophenyl-phenylether	10.48	204	1043369	39.617	nq	97
62) 4-Nitroaniline	10.49	138	564112	39.388	nq	94
63) Azobenzene	10.64	77	2037911	35.905	nq	96
65) 4,6-Dinitro-2-methylphenol	10.52	198	277806	46.587	nq	94
66) n-Nitrosodiphenylamine	10.60	169	1907338	41.191	nq	99
67) 4-Bromophenyl-phenylether	10.97	248	636057	40.156	nq	96
68) Hexachlorobenzene	11.05	284	682622	39.552	nq	99
69) Atrazine	11.12	200	588753	48.773	nq	99
70) Pentachlorophenol	11.23	266	828771	88.622	nq	99
71) Phenanthrene	11.46	178	3181335	40.953	nq	100
72) Anthracene	11.51	178	3242736	42.257	nq	99
73) Carbazole	11.66	167	3046143	42.054	nq	99
74) Di-n-butylphthalate	12.00	149	3532830	40.223	nq	100
75) Fluoranthene	12.66	202	3659495	43.350	nq	97
77) Benzidine	12.77	184	1744850	39.130	nq	98
78) Pyrene	12.89	202	3629810	38.177	nq	99
80) Butylbenzylphthalate	13.52	149	1611756	38.046	nq #	86
81) Benzo(a)anthracene	14.09	228	3209939	38.328	nq	99
82) 3,3'-Dichlorobenzidine	14.05	252	1191584	38.568	nq #	97
83) Chrysene	14.13	228	3047939	38.476	nq	99
84) Bis(2-ethylhexyl)phthalate	14.09	149	2203904	39.976	nq	100
85) Di-n-octyl phthalate	14.71	149	3870955	39.845	nq #	96
86) Indeno(1,2,3-cd)pyrene	17.17	276	3798043	38.263	nq	97
88) Benzo(b)fluoranthene	15.17	252	3503053	40.057	nq	99
89) Benzo(k)fluoranthene	15.20	252	3120156	38.988	nq	98
90) Benzo(a)pyrene	15.56	252	3238672	41.025	nq	98
91) Dibenzo(a,h)anthracene	17.19	278	3057774	38.732	nq	99
92) Benzo(g,h,i)perylene	17.63	276	3081377	39.434	nq	98

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



#1

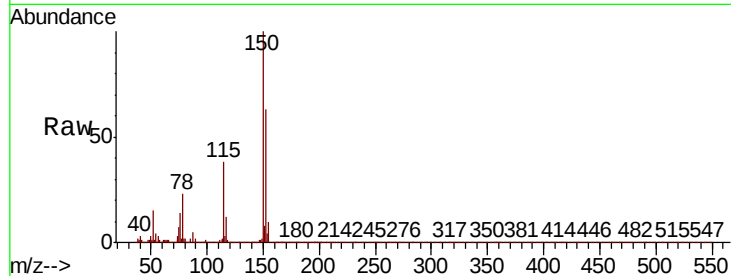
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.89 min Scan# 817
Delta R.T. -0.01 min
Lab File: BP000112.D
Acq: 09 Sep 2019 00:43

Instrument :
BNA_P
ClientSampleId :
WS-SB09-COMPMSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.6	123.0	184.6
115	60.2	46.7	70.1

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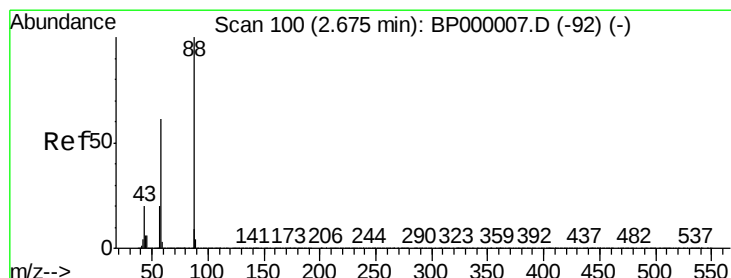
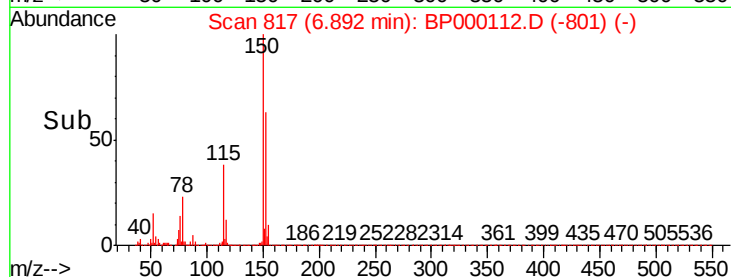
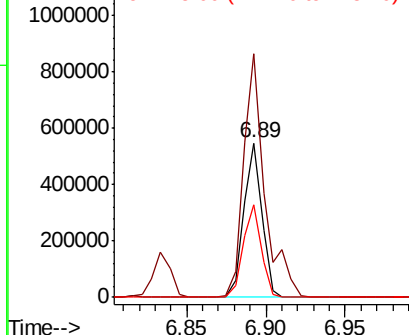


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

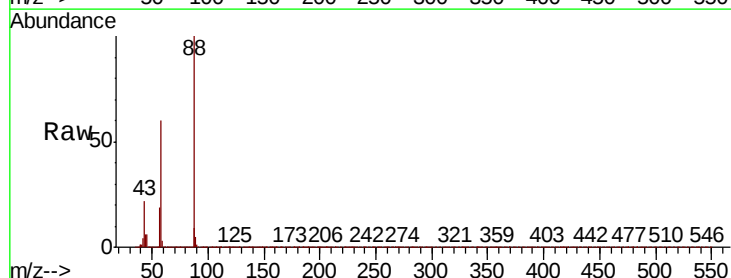
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 31.218 ng
RT: 2.72 min Scan# 107
Delta R.T. 0.04 min
Lab File: BP000112.D
Acq: 09 Sep 2019 00:43

Tgt Ion	Ratio	Lower	Upper
88	100		
58	58.3	49.8	74.8
43	19.5	16.9	25.3

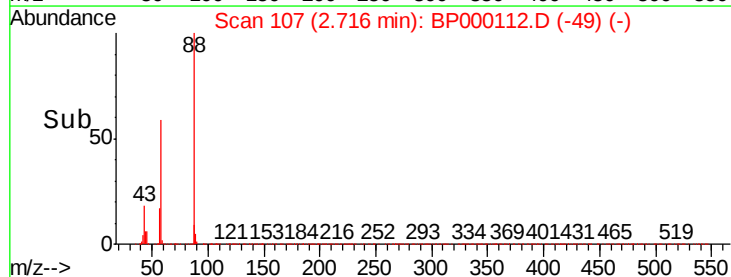
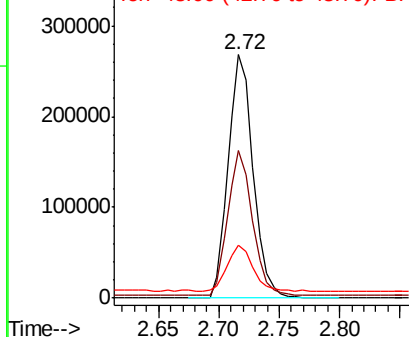


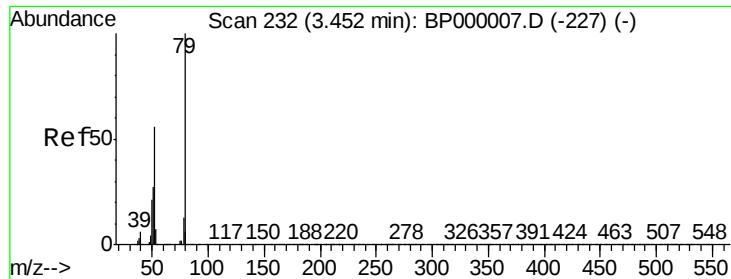
Abundance

Ion 88.00 (87.70 to 88.70): BP0

Ion 58.00 (57.70 to 58.70): BP0

Ion 43.00 (42.70 to 43.70): BP0





#3

Pvridine

Concen: 28.522 ng

RT: 3.49 min Scan# 238

Delta R.T. 0.03 min

Lab File: BP000112.D

Acq: 09 Sep 2019 00:43

Instrument :

BNA_P

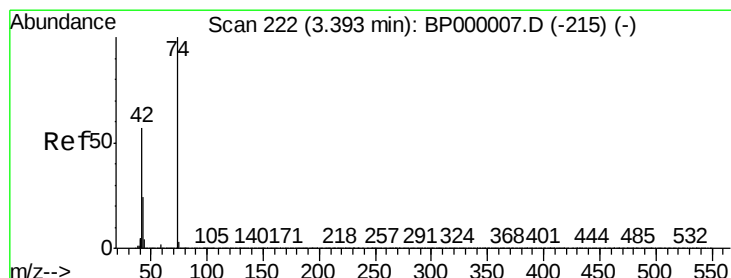
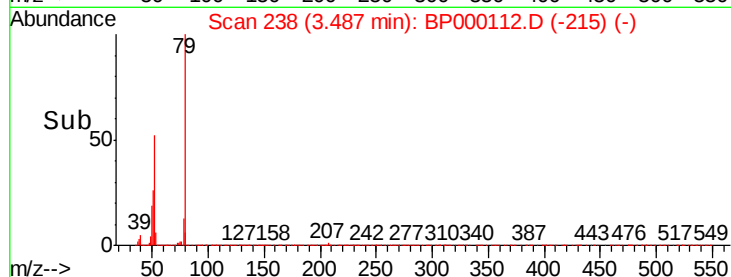
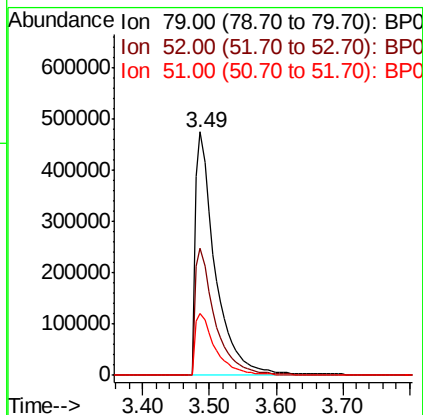
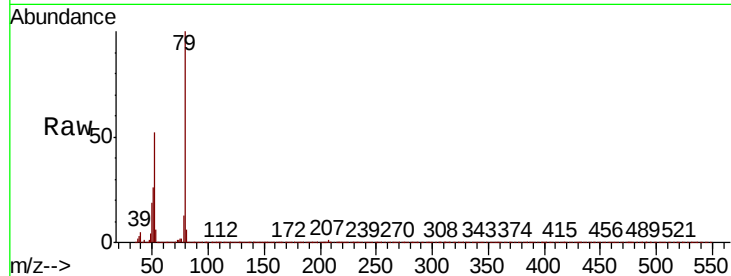
ClientSampleId :

WS-SB09-COMPMSD

Tot Ion:	79	Resp:	947788
Ion	Ratio	Lower	Upper
79	100		
52	52.0	44.5	66.7
51	25.6	21.8	32.6

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#4

n-Nitrosodimethylamine

Concen: 30.074 ng

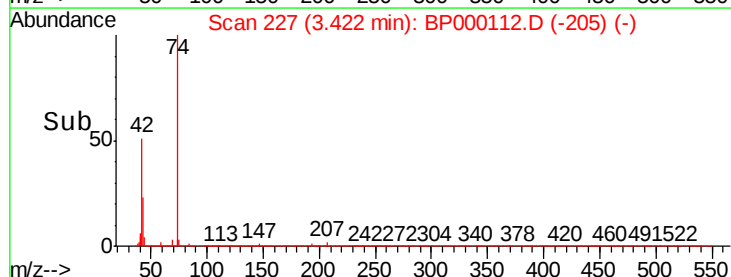
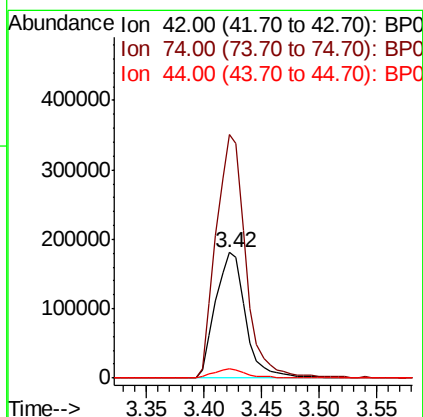
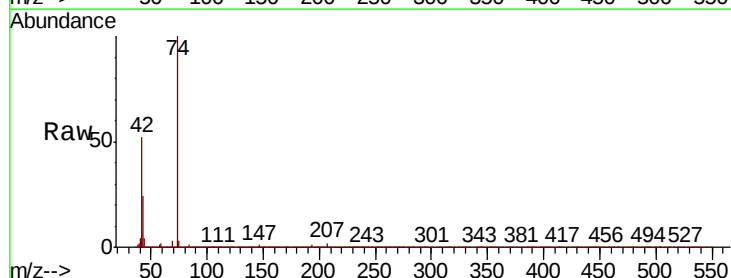
RT: 3.42 min Scan# 227

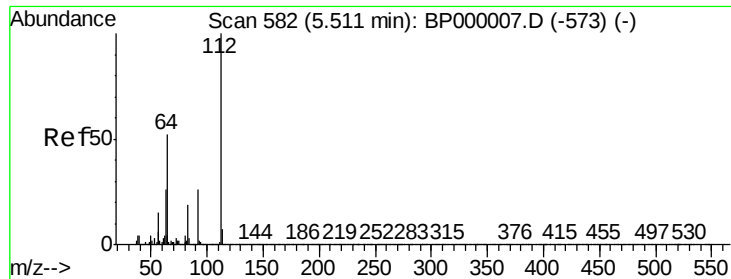
Delta R.T. 0.03 min

Lab File: BP000112.D

Acq: 09 Sep 2019 00:43

Tgt Ion:	42	Resp:	322703
Ion	Ratio	Lower	Upper
42	100		
74	193.9	139.9	209.9
44	7.2	6.9	10.3





#5

2-Fluorophenol

Concen: 103.663 ng

RT: 5.52 min Scan# 583

Delta R.T. 0.01 min

Lab File: BP000112.D

Acq: 09 Sep 2019 00:43

Instrument :

BNA_P

ClientSampleId :

WS-SB09-COMPMSD

Tot Ion: 112 Resp: 2779680

Ion Ratio Lower Upper

112 100

64 46.7 41.8 62.8

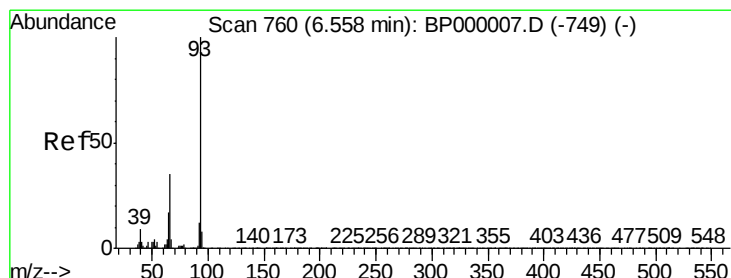
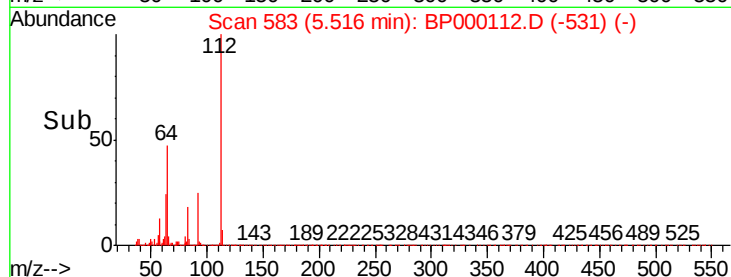
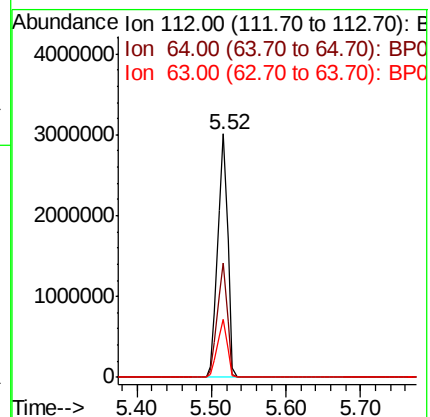
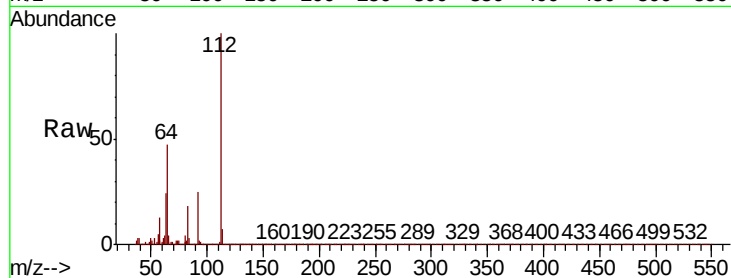
63 23.9 21.0 31.4

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#6

Aniline

Concen: 28.482 ng

RT: 6.55 min Scan# 759

Delta R.T. -0.01 min

Lab File: BP000112.D

Acq: 09 Sep 2019 00:43

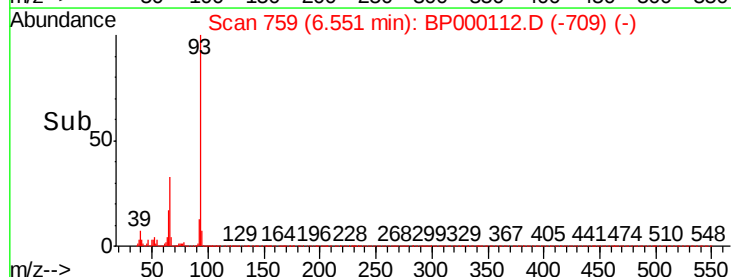
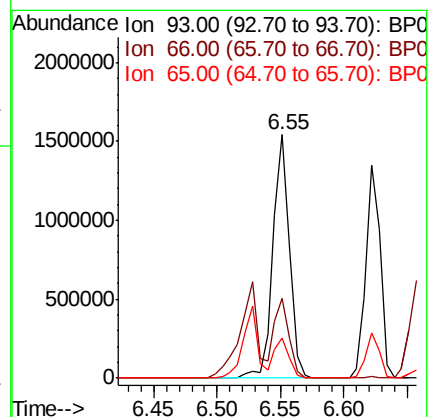
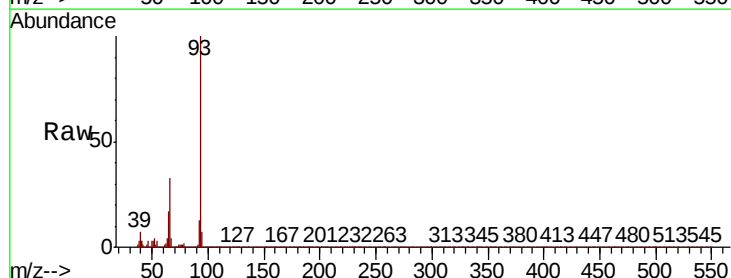
Tgt Ion: 93 Resp: 1395338

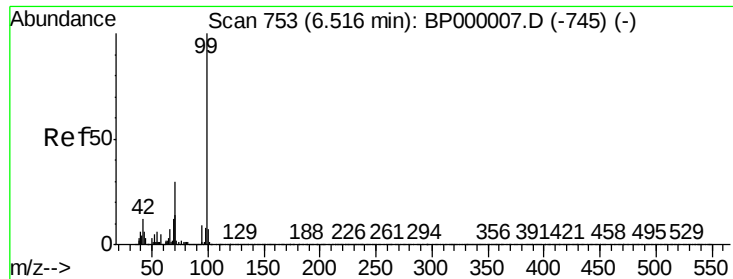
Ion Ratio Lower Upper

93 100

66 33.0 27.8 41.8

65 16.6 13.9 20.9





#7

Phenol-d6

Concen: 107.155 ng

RT: 6.52 min Scan# 753

Delta R.T. -0.00 min

Lab File: BP000112.D

Acq: 09 Sep 2019 00:43

Instrument :

BNA_P

ClientSampleId :

WS-SB09-COMPMSD

Tot Ion: 99 Resp: 3627324

Ion Ratio Lower Upper

99 100

42 11.1 9.8 14.8

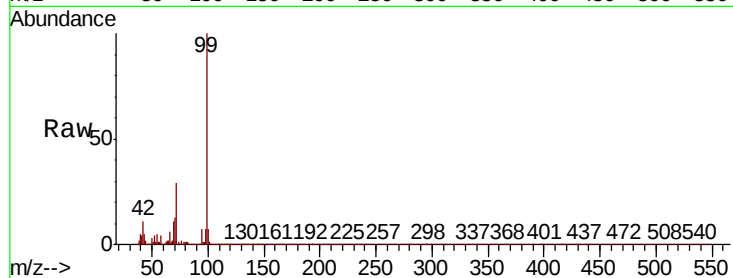
71 29.1 23.8 35.8

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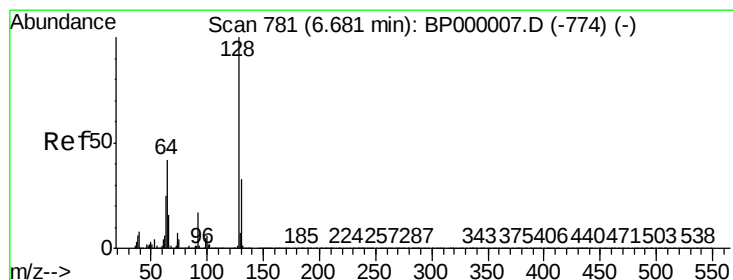
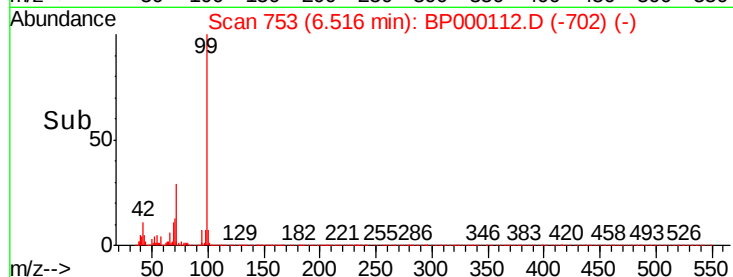
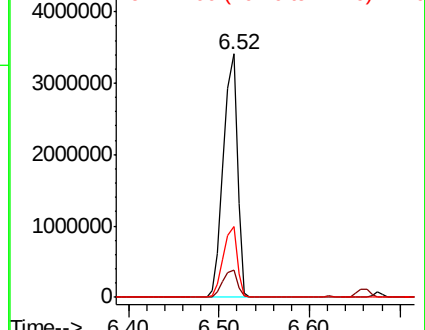
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Abundance Ion 99.00 (98.70 to 99.70): BP0

Ion 42.00 (41.70 to 42.70): BP0

Ion 71.00 (70.70 to 71.70): BP0



#8

2-Chlorophenol

Concen: 38.570 ng

RT: 6.67 min Scan# 780

Delta R.T. -0.01 min

Lab File: BP000112.D

Acq: 09 Sep 2019 00:43

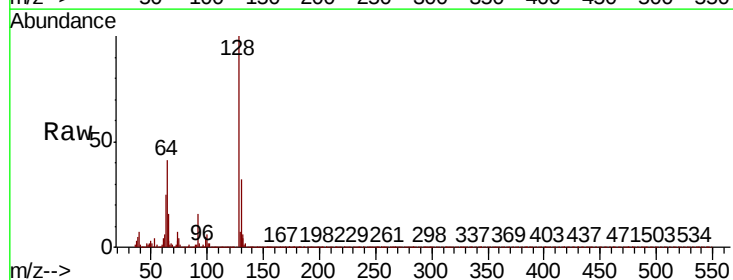
Tgt Ion: 128 Resp: 1069401

Ion Ratio Lower Upper

128 100

130 32.1 13.0 53.0

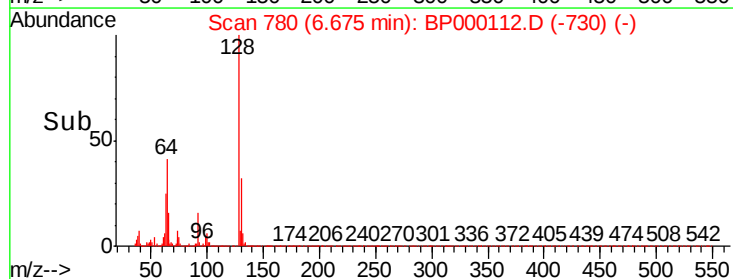
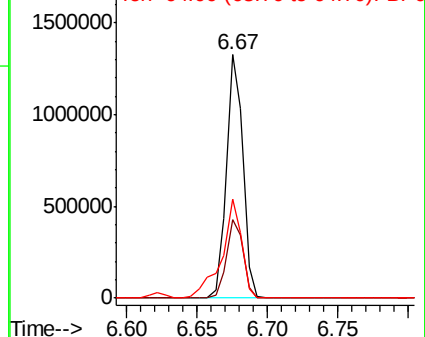
64 40.6 22.0 62.0

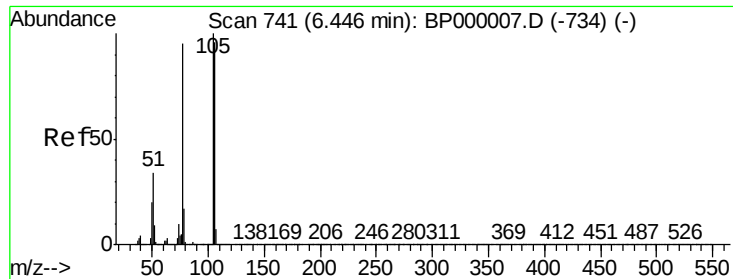


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BP0





#9

Benzaldehyde

Concen: 31.348 ng

RT: 6.44 min Scan# 740

Delta R.T. -0.01 min

Lab File: BP000112.D

Acq: 09 Sep 2019 00:43

Instrument :

BNA_P

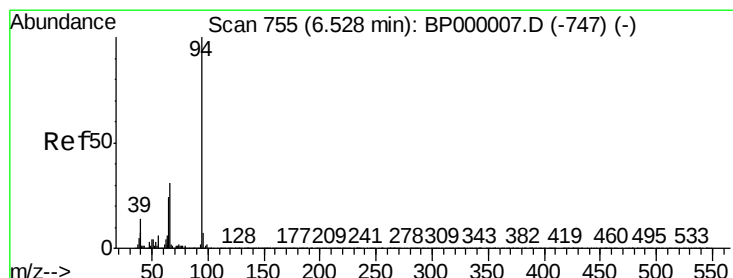
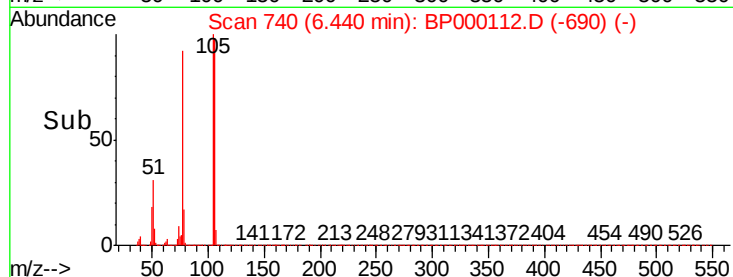
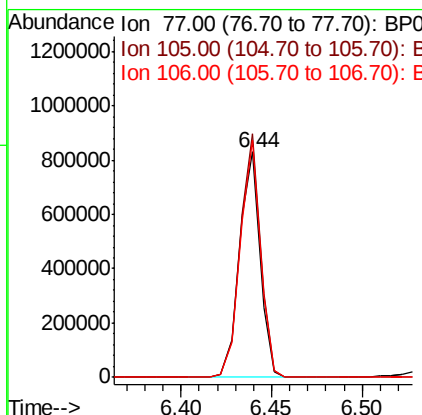
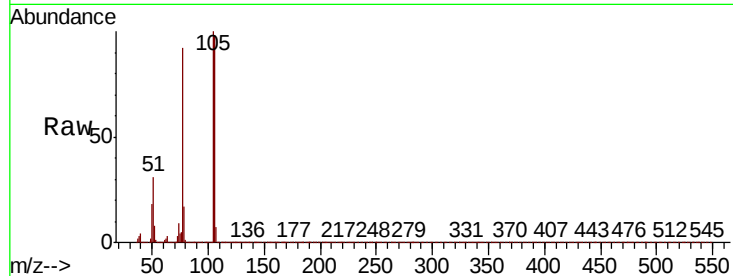
ClientSampleId :

WS-SB09-COMPMSD

Tot Ion:	77	Resp:	654378
Ion	Ratio	Lower	Upper
77	100		
105	108.2	85.1	125.1
106	105.5	80.8	120.8

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#10

Phenol

Concen: 37.982 ng

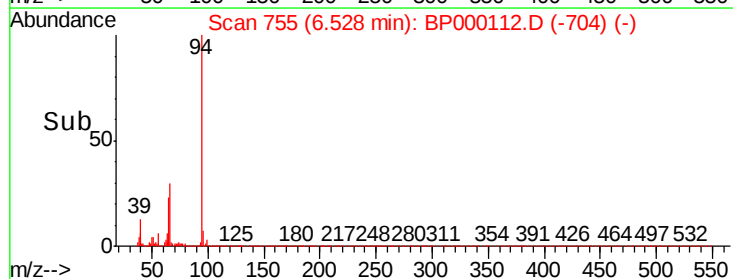
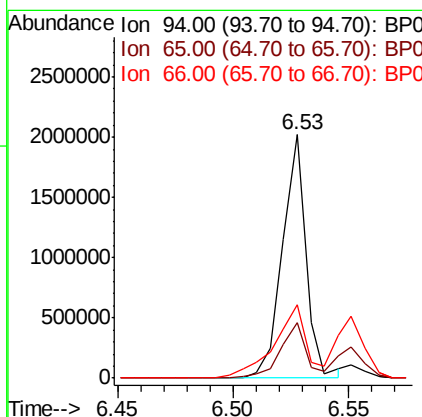
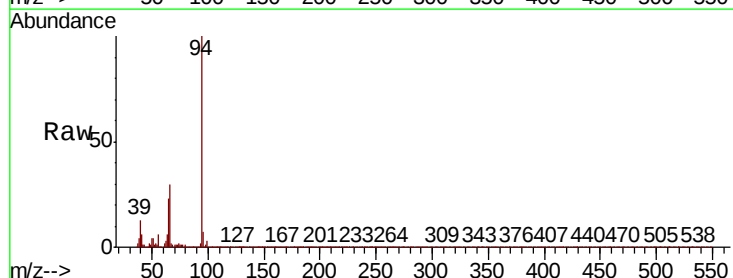
RT: 6.53 min Scan# 755

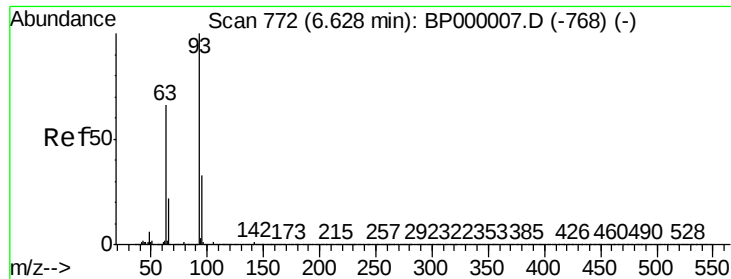
Delta R.T. -0.00 min

Lab File: BP000112.D

Acq: 09 Sep 2019 00:43

Tgt Ion:	94	Resp:	1428490
Ion	Ratio	Lower	Upper
94	100		
65	22.7	4.1	44.1
66	30.3	11.4	51.4





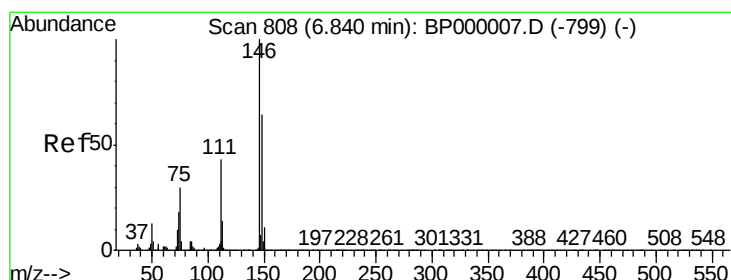
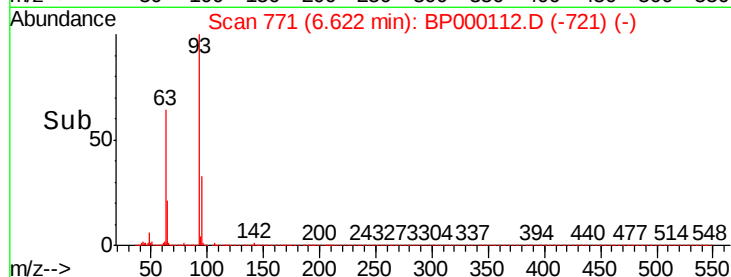
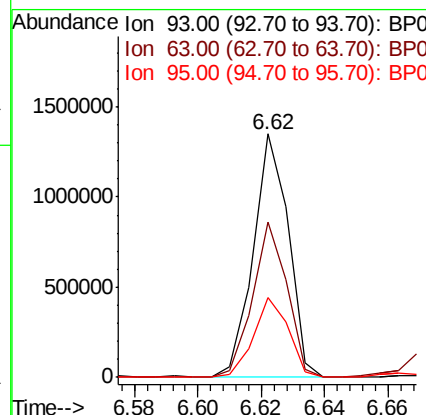
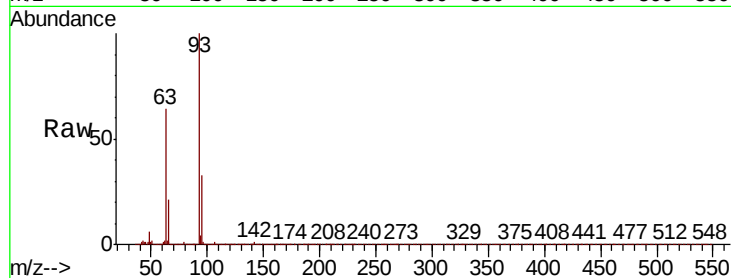
#11
bis(2-Chloroethyl)ether
Concen: 34.864 ng
RT: 6.62 min Scan# 771
Delta R.T. -0.01 min
Lab File: BP000112.D
Acq: 09 Sep 2019 00:43

Instrument :
BNA_P
ClientSampleId :
WS-SB09-COMPMSD

Tot Ion	Ratio	Lower	Upper
93	100		
63	64.0	46.0	86.0
95	32.8	12.7	52.7

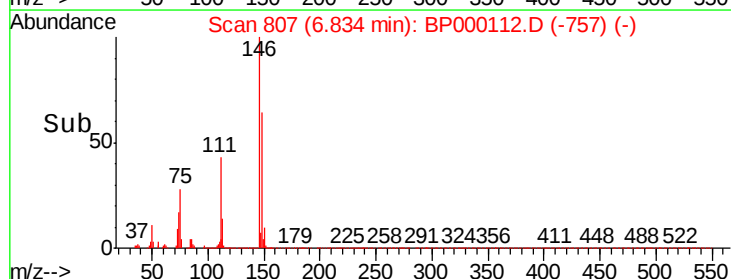
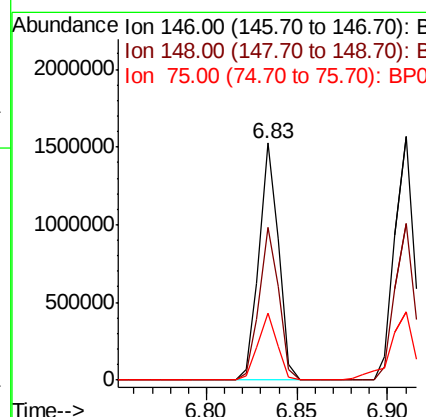
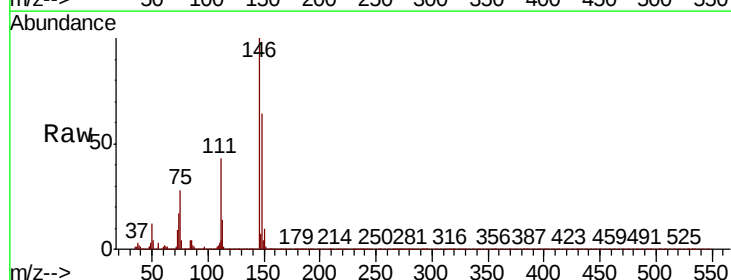
Manual Integrations
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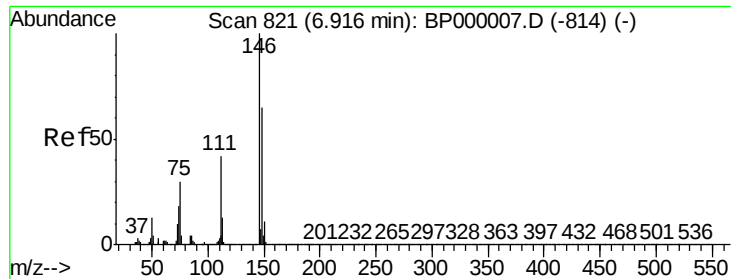
mohammad
9/10/2019 2:51:14 PM



#12
1,3-Dichlorobenzene
Concen: 35.275 ng
RT: 6.83 min Scan# 807
Delta R.T. -0.01 min
Lab File: BP000112.D
Acq: 09 Sep 2019 00:43

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.3	51.4	77.2
75	28.4	24.0	36.0





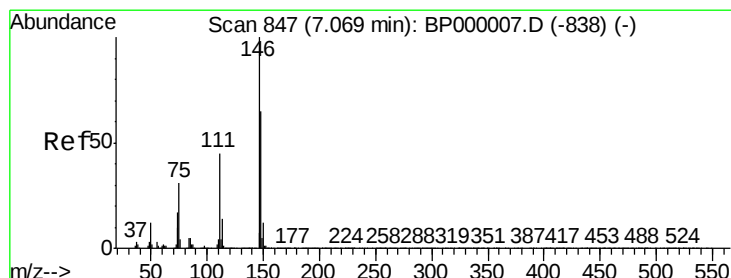
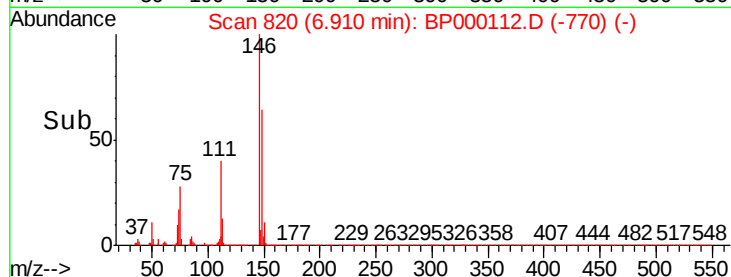
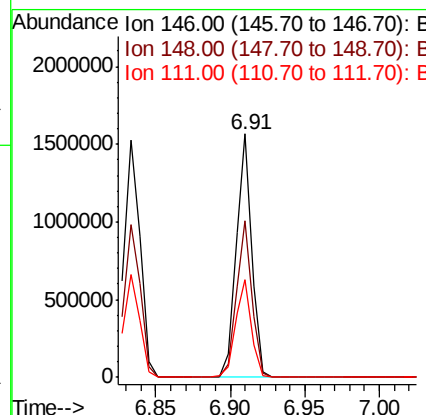
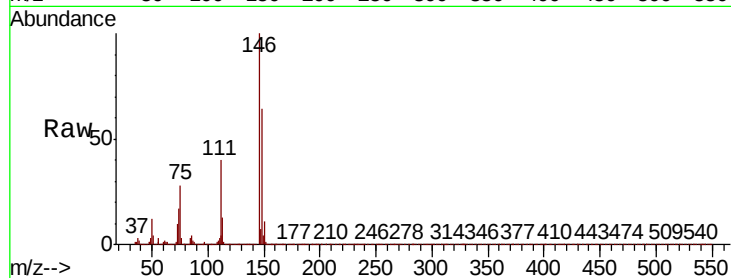
#13
1,4-Dichlorobenzene
Concen: 35.959 ng
RT: 6.91 min Scan# 820
Delta R.T. -0.01 min
Lab File: BP000112.D
Acq: 09 Sep 2019 00:43

Instrument :
BNA_P
ClientSampleId :
WS-SB09-COMPMSD

Tot Ion	Ratio	Lower	Upper
146	100		
148	64.2	51.6	77.4
111	40.3	33.4	50.0

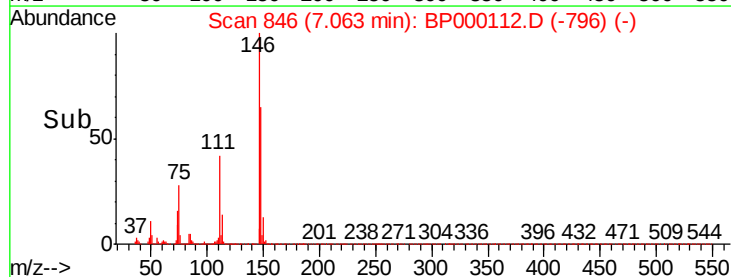
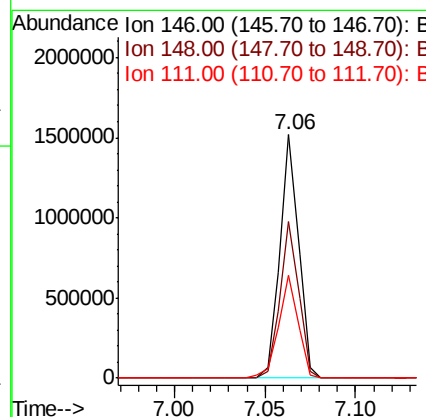
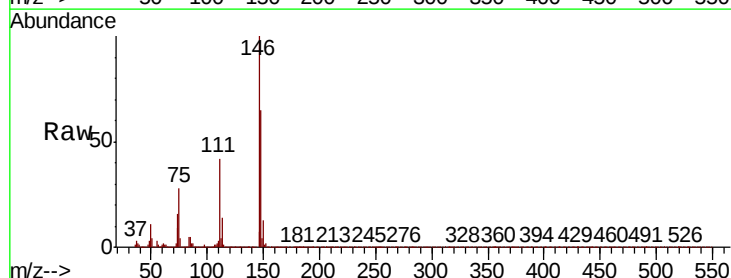
Manual Integrations
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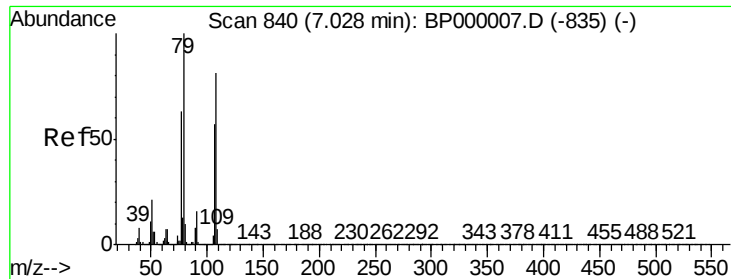
mohammad
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#14
1,2-Dichlorobenzene
Concen: 36.778 ng
RT: 7.06 min Scan# 846
Delta R.T. -0.01 min
Lab File: BP000112.D
Acq: 09 Sep 2019 00:43

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.5	51.8	77.8
111	42.1	36.4	54.6





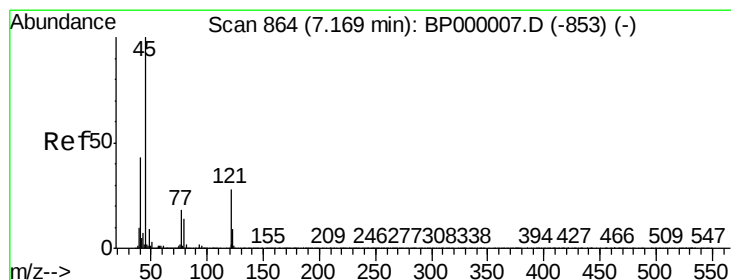
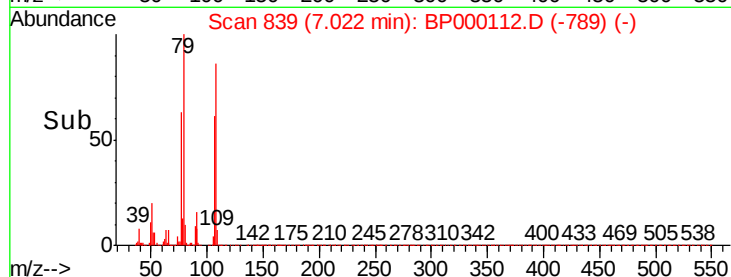
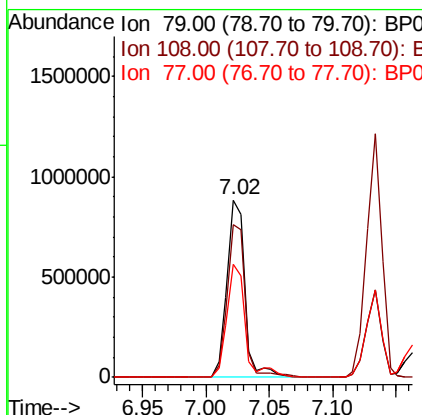
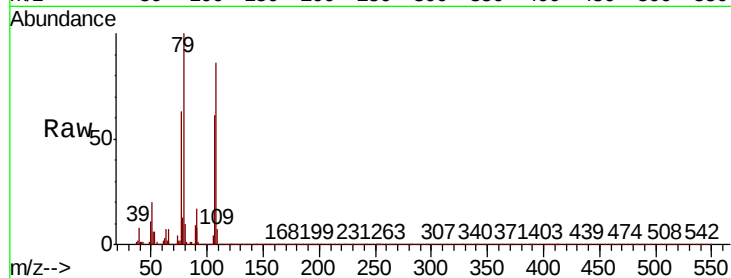
#15
Benzyl Alcohol
Concen: 35.084 ng
RT: 7.02 min Scan# 839
Delta R.T. -0.01 min
Lab File: BP000112.D
Acq: 09 Sep 2019 00:43

Instrument :
BNA_P
ClientSampleId :
WS-SB09-COMPMSD

Tot Ion	Ratio	Lower	Upper
79	100		
108	86.2	64.5	96.7
77	63.5	50.3	75.5

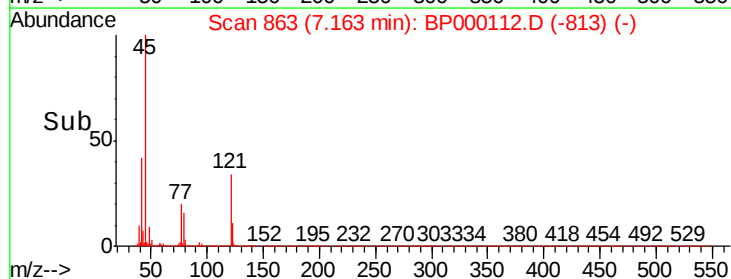
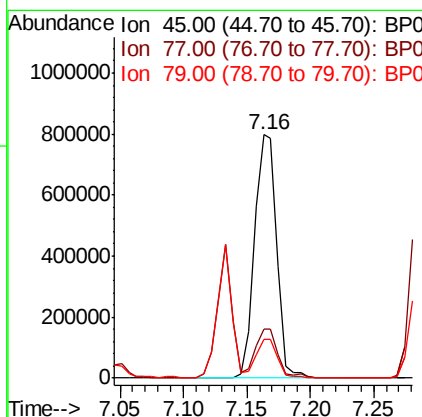
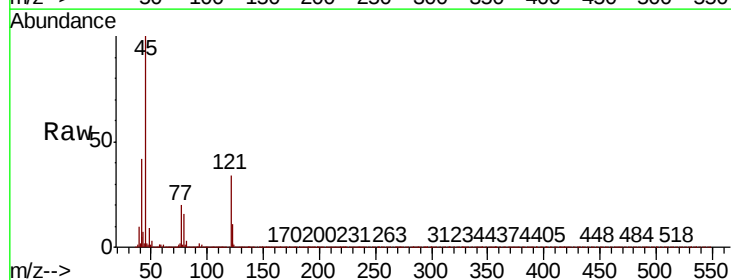
Manual Integrations
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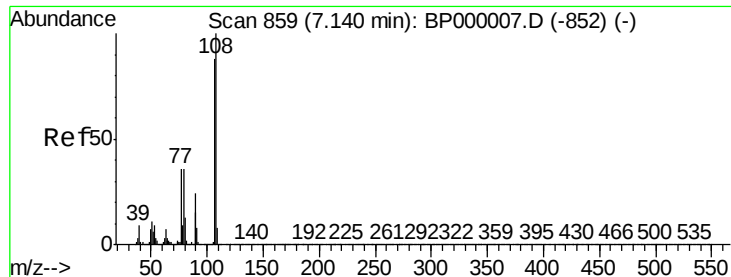
mohammad
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 30.508 ng
RT: 7.16 min Scan# 863
Delta R.T. -0.01 min
Lab File: BP000112.D
Acq: 09 Sep 2019 00:43

Tgt Ion	Ratio	Lower	Upper
45	100		
77	20.0	0.0	38.0
79	15.7	0.0	33.9





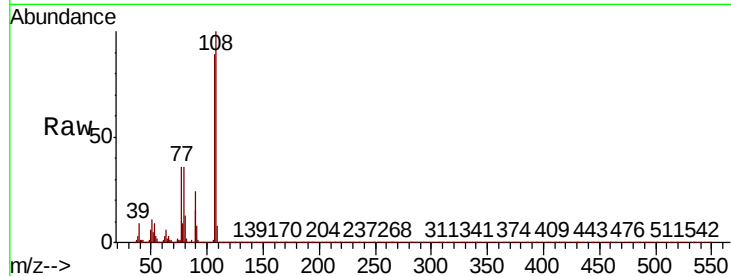
#17
2-Methylphenol
Concen: 36.969 ng
RT: 7.13 min Scan# 858
Delta R.T. -0.01 min
Lab File: BP000112.D
Acq: 09 Sep 2019 00:43

Instrument :
BNA_P
ClientSampleId :
WS-SB09-COMPMSD

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	112.8	90.9	136.3	
77	40.8	33.2	49.8	
79	40.6	32.8	49.2	

Manual Integrations
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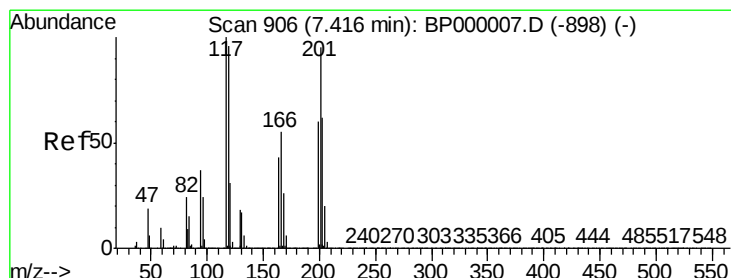
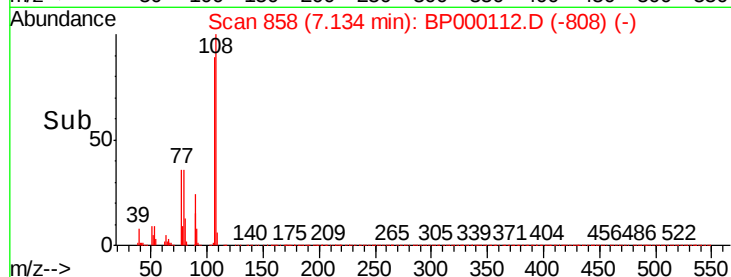
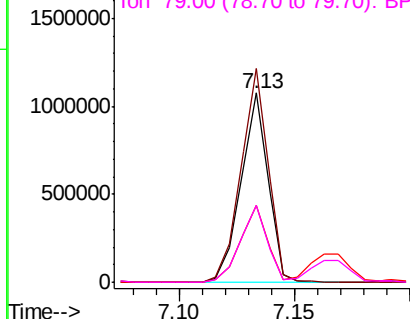
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

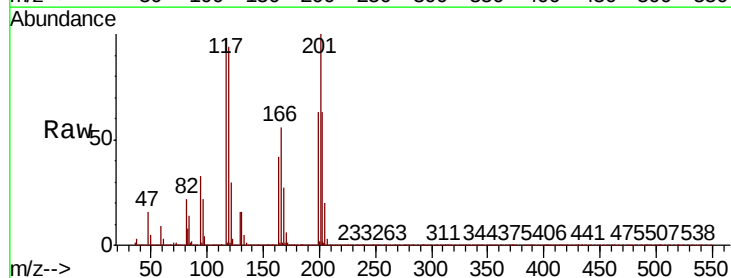
Ion 77.00 (76.70 to 77.70): BP0

Ion 79.00 (78.70 to 79.70): BP0



#18
Hexachloroethane
Concen: 35.245 ng
RT: 7.41 min Scan# 905
Delta R.T. -0.01 min
Lab File: BP000112.D
Acq: 09 Sep 2019 00:43

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	95.9	77.0	115.6	
201	101.6	76.2	114.4	

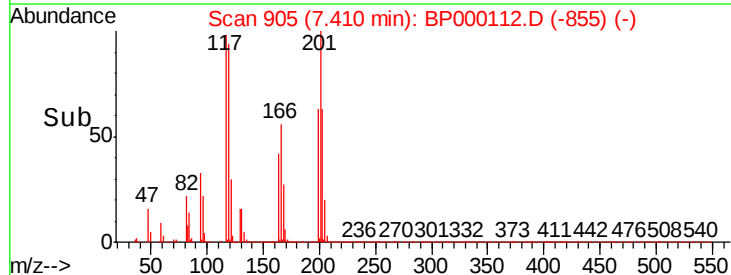
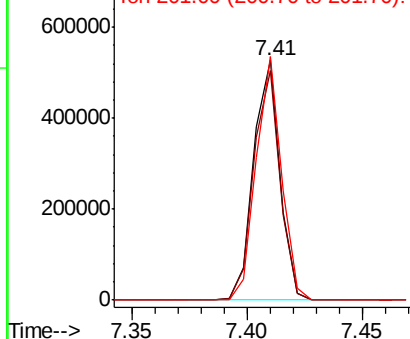


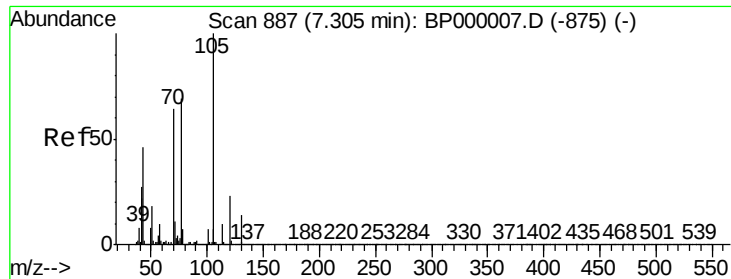
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





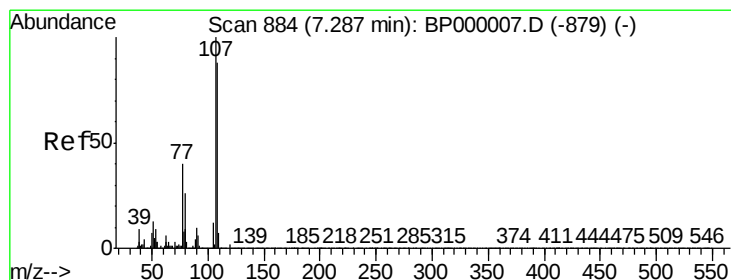
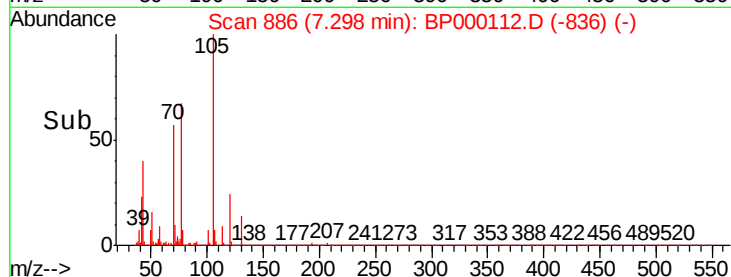
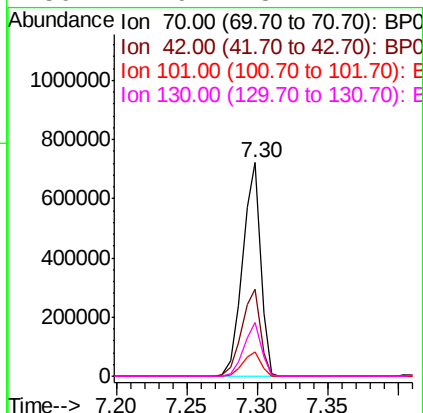
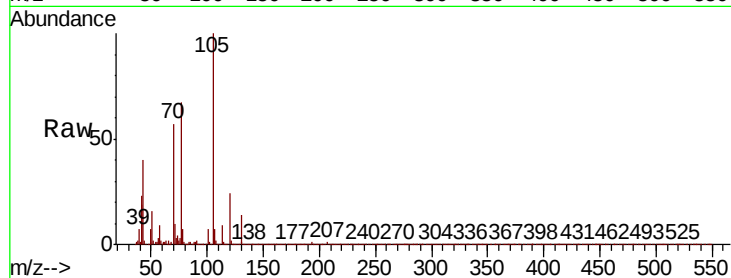
#19
n-Nitroso-di-n-propylamine
Concen: 33.189 ng
RT: 7.30 min Scan# 886
Delta R.T. -0.01 min
Lab File: BP000112.D
Acq: 09 Sep 2019 00:43

Instrument :
BNA_P
ClientSampleId :
WS-SB09-COMPMSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
70	100				
42	40.6	33.8	50.6		
101	11.3	8.7	13.1		
130	24.9	18.1	27.1		

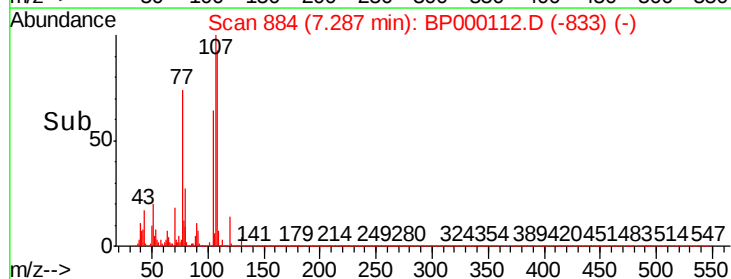
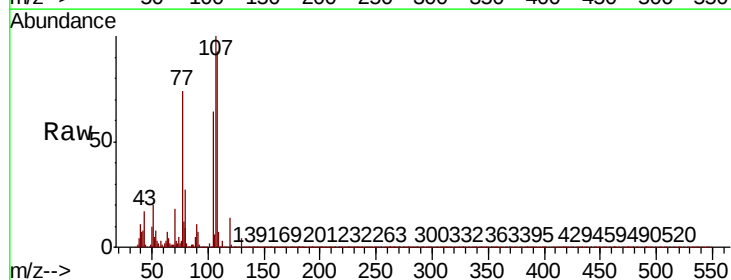
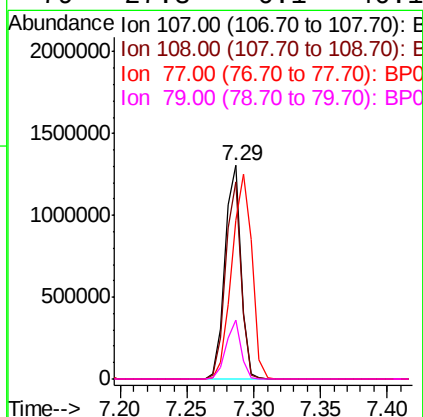
Manual Integrations
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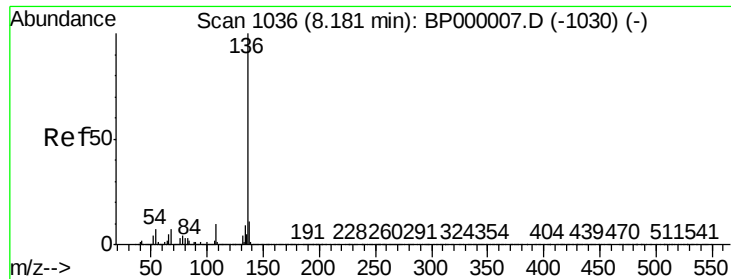
mohammad
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#20
3+4-Methylphenols
Concen: 37.499 ng
RT: 7.29 min Scan# 884
Delta R.T. -0.00 min
Lab File: BP000112.D
Acq: 09 Sep 2019 00:43

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100				
108	92.5	68.1	108.1		
77	74.1	19.8	59.8		
79	27.3	6.1	46.1		





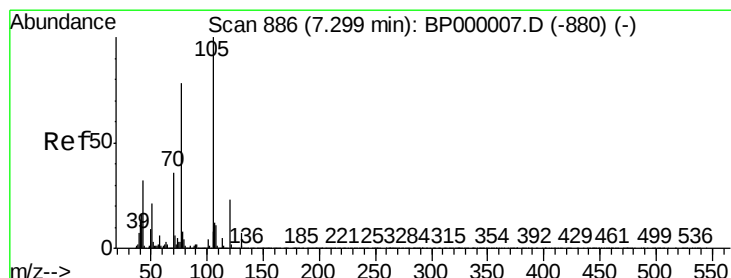
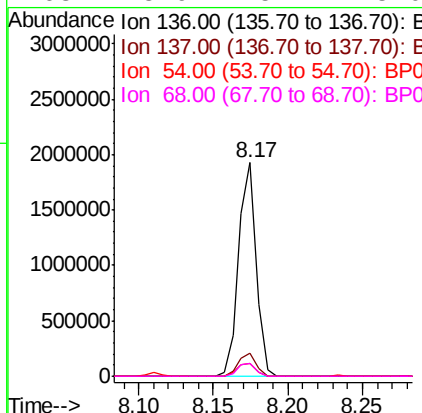
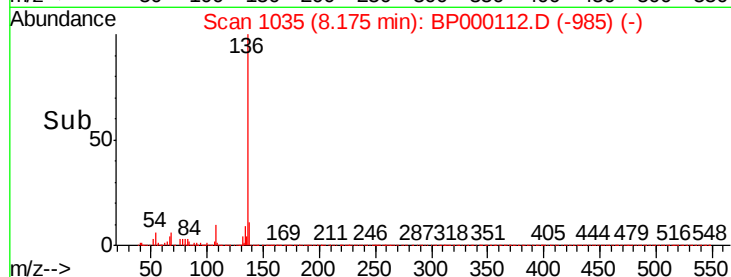
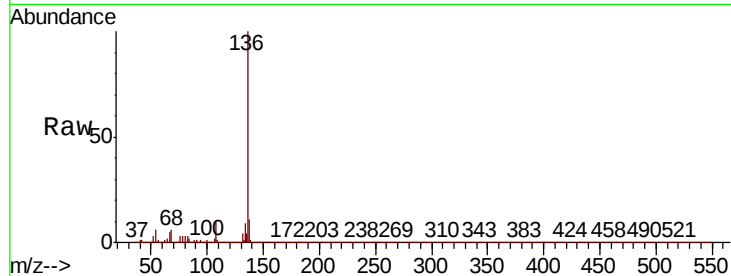
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.17 min Scan# 1035
Delta R.T. -0.01 min
Lab File: BP000112.D
Acq: 09 Sep 2019 00:43

Instrument :
BNA_P
ClientSampleId :
WS-SB09-COMPMSD

Tot Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.6	13.0
54	5.8	5.4	8.2
68	5.9	5.4	8.0

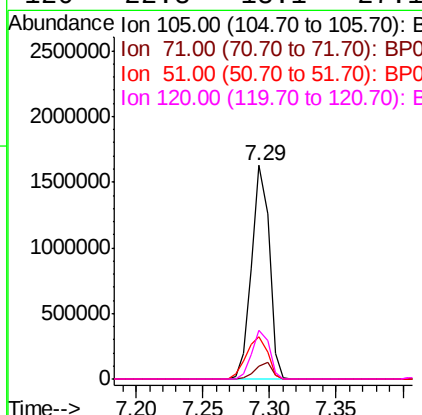
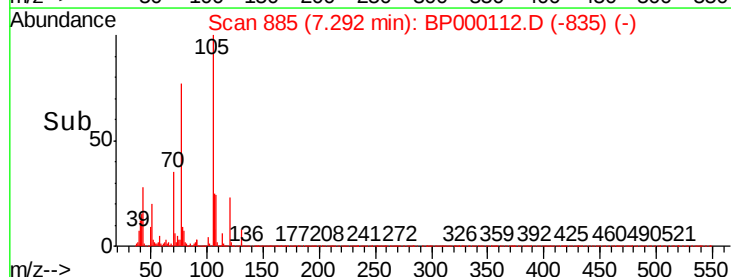
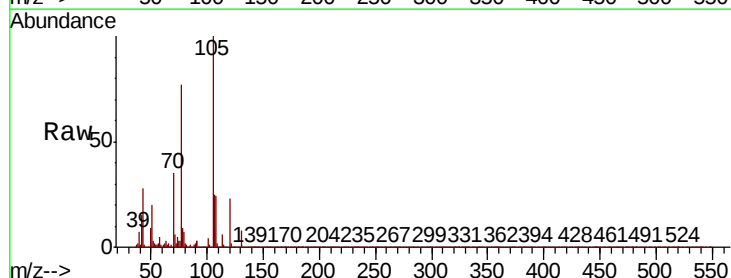
Manual Integrations
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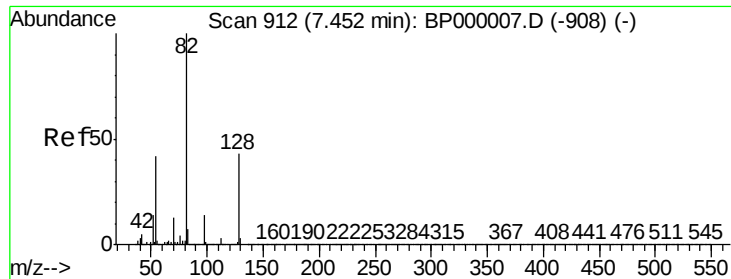
mohammad
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#22
Acetophenone
Concen: 38.428 ng
RT: 7.29 min Scan# 885
Delta R.T. -0.01 min
Lab File: BP000112.D
Acq: 09 Sep 2019 00:43

Tgt Ion	Ratio	Lower	Upper
105	100		
71	6.0	4.8	7.2
51	19.8	17.0	25.4
120	22.8	18.1	27.1





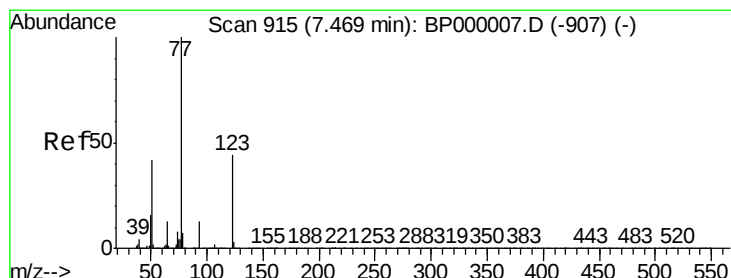
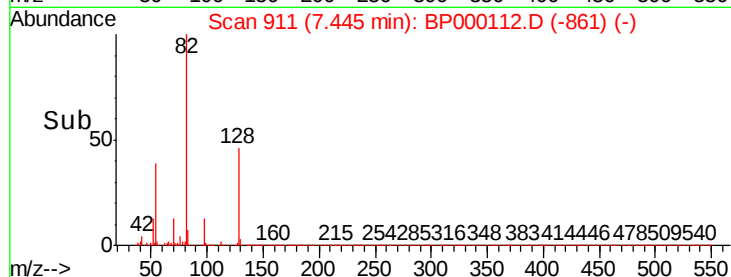
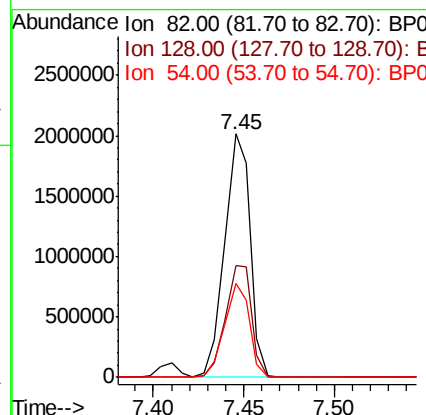
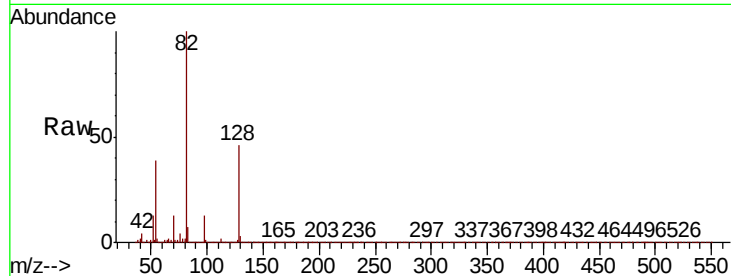
#23
Nitrobenzene-d5
Concen: 75.740 ng
RT: 7.45 min Scan# 911
Delta R.T. -0.01 min
Lab File: BP000112.D
Acq: 09 Sep 2019 00:43

Instrument :
BNA_P
ClientSampleId :
WS-SB09-COMPMSD

Tot Ion	82	Resp	1963510
Ion Ratio	100	Lower	Upper
82	100		
128	46.1	34.5	51.7
54	38.8	33.2	49.8

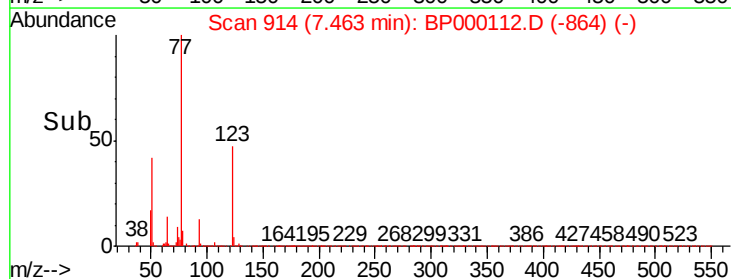
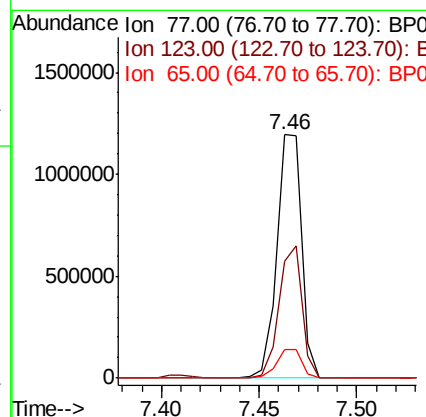
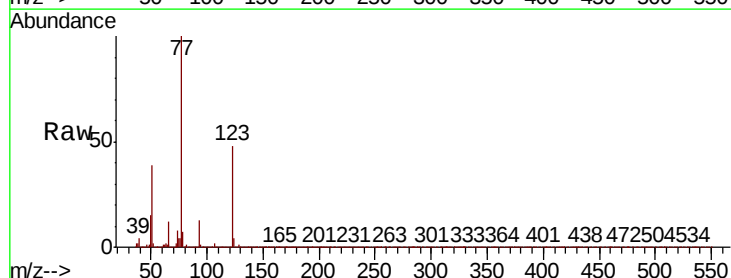
Manual Integrations
APPROVED

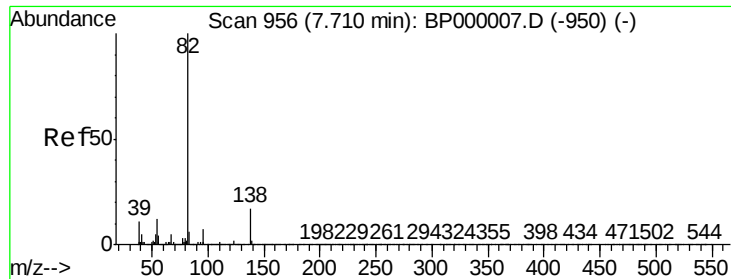
mohammad
9/10/2019 2:51:14 PM



#24
Nitrobenzene
Concen: 37.200 ng
RT: 7.46 min Scan# 914
Delta R.T. -0.01 min
Lab File: BP000112.D
Acq: 09 Sep 2019 00:43

Tgt Ion	77	Resp	1044774
Ion Ratio	100	Lower	Upper
77	100		
123	48.1	35.8	53.8
65	12.0	10.1	15.1





#25

Isophorone

Concen: 35.744 ng

RT: 7.70 min Scan# 955

Delta R.T. -0.01 min

Lab File: BP000112.D

Acq: 09 Sep 2019 00:43

Instrument :

BNA_P

ClientSampleId :

WS-SB09-COMPMSD

Tot Ion: 82 Resp: 1957943

Ion Ratio Lower Upper

82 100

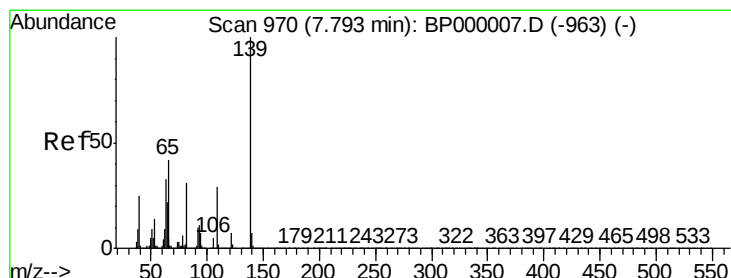
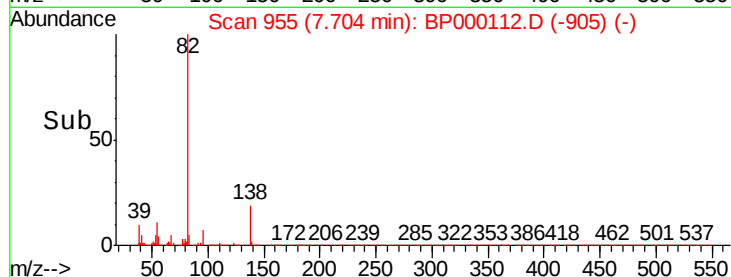
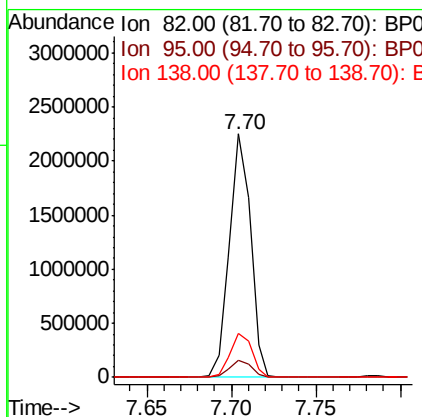
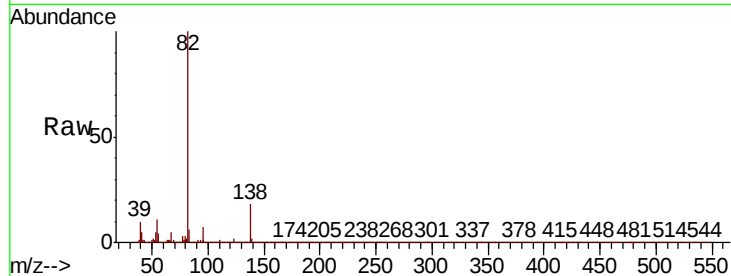
95 6.9 5.6 8.4

138 18.0 13.8 20.6

Manual Integrations
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#26

2-Nitrophenol

Concen: 45.849 ng

RT: 7.79 min Scan# 969

Delta R.T. -0.01 min

Lab File: BP000112.D

Acq: 09 Sep 2019 00:43

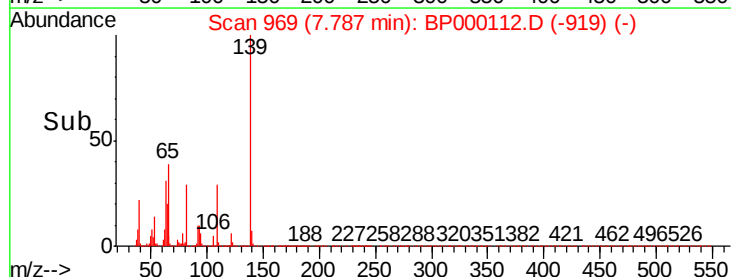
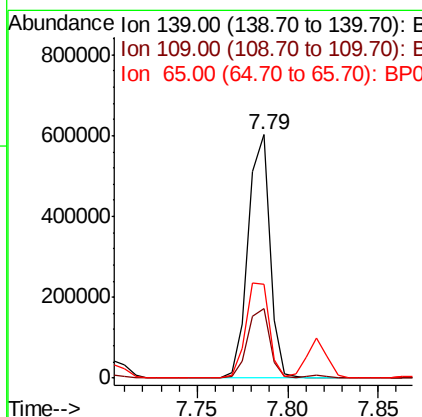
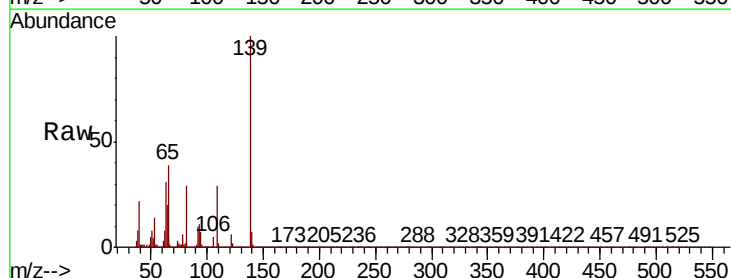
Tgt Ion: 139 Resp: 501463

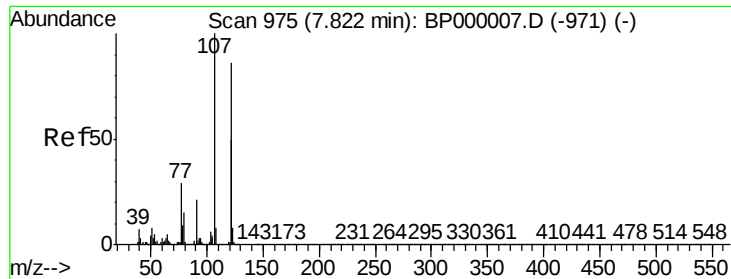
Ion Ratio Lower Upper

139 100

109 28.6 23.4 35.0

65 38.8 33.4 50.0





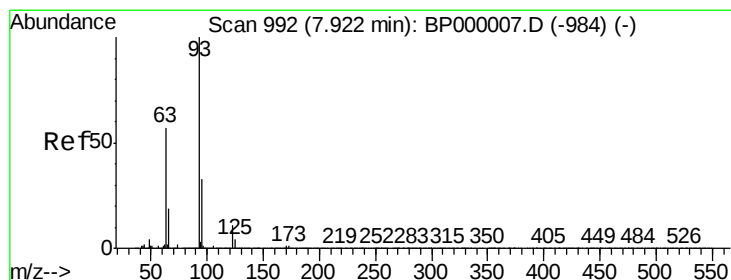
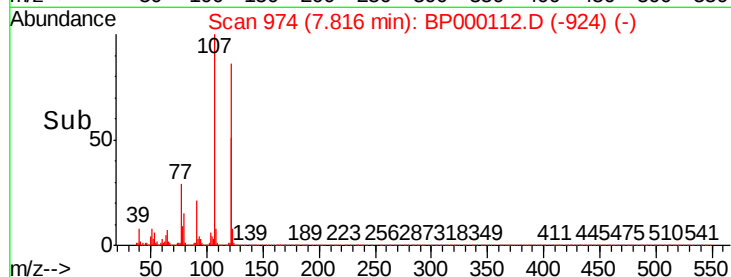
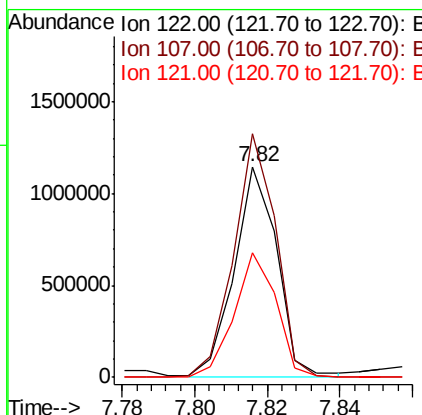
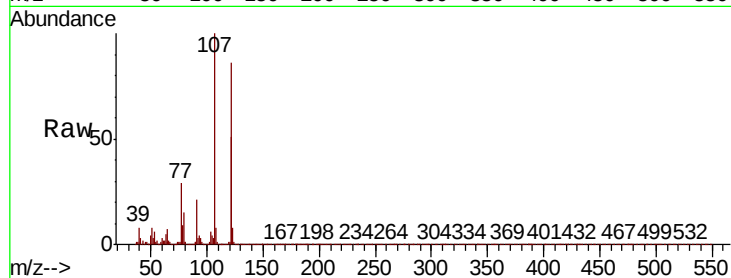
#27
2,4-Dimethylphenol
Concen: 42.966 ng
RT: 7.82 min Scan# 974
Delta R.T. -0.01 min
Lab File: BP000112.D
Acq: 09 Sep 2019 00:43

Instrument :
BNA_P
ClientSampleId :
WS-SB09-COMPMSD

Tot Ion	Ratio	Resp	Lower	Upper
122	100	948259		
107	115.7	92.9	139.3	
121	59.0	46.8	70.2	

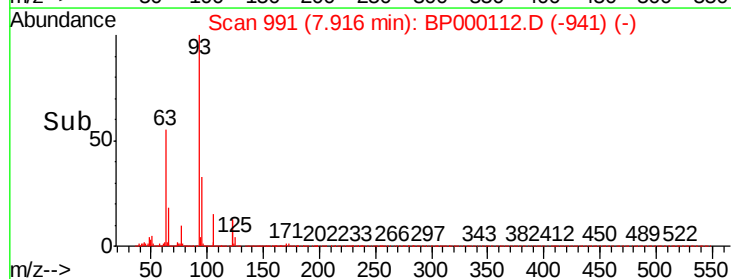
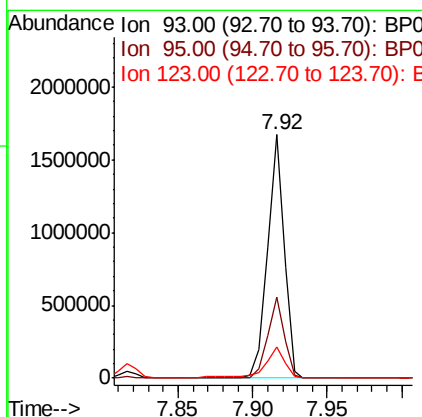
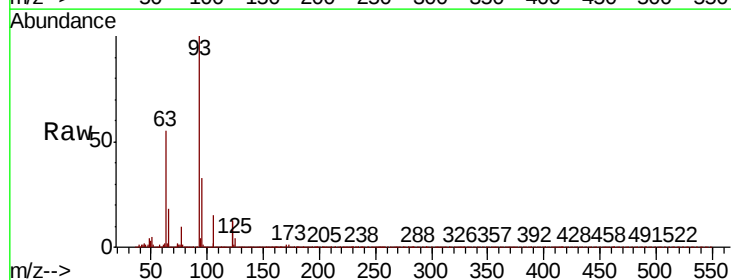
Manual Integrations
APPROVED

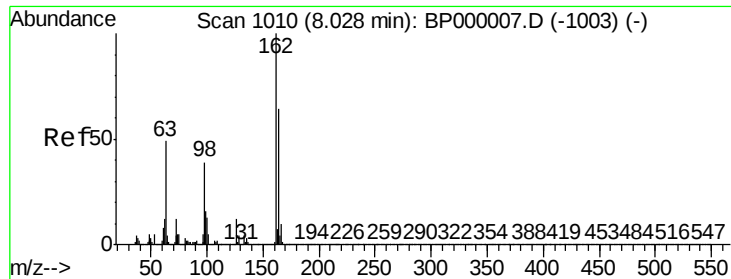
mohammad
9/10/2019 2:51:14 PM



#28
bis(2-Chloroethoxy)methane
Concen: 35.666 ng
RT: 7.92 min Scan# 991
Delta R.T. -0.01 min
Lab File: BP000112.D
Acq: 09 Sep 2019 00:43

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	1270403		
95	33.2	26.1	39.1	
123	12.6	9.0	13.4	





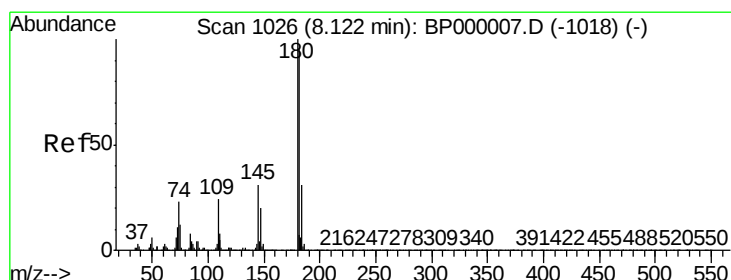
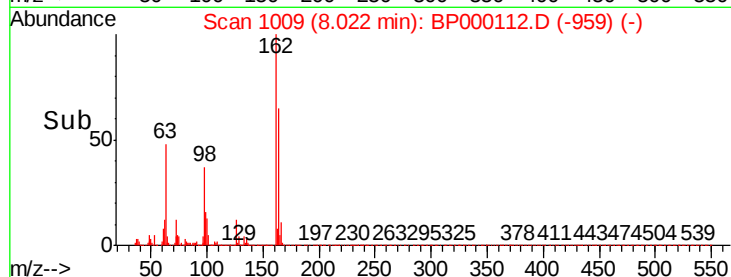
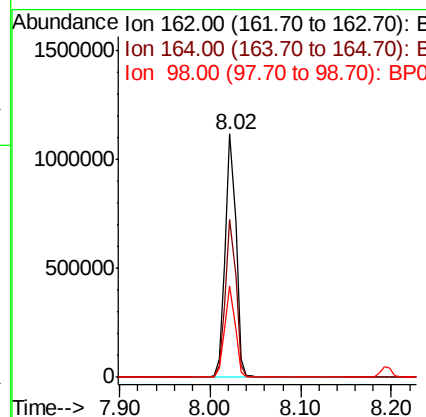
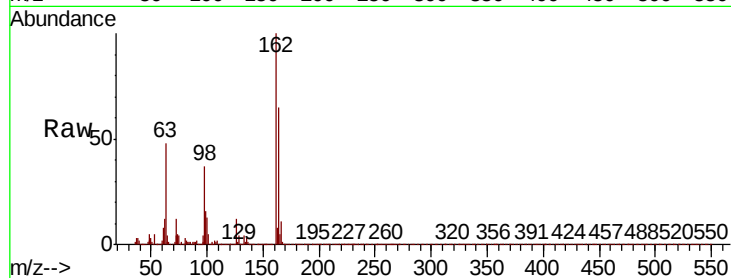
#29
2,4-Dichlorophenol
Concen: 39.872 ng
RT: 8.02 min Scan# 1009
Delta R.T. -0.01 min
Lab File: BP000112.D
Acq: 09 Sep 2019 00:43

Instrument :
BNA_P
ClientSampleId :
WS-SB09-COMPMSD

Tot Ion	Ratio	Resp	Lower	Upper
162	100			
164	64.9	44.2	84.2	
98	37.4	18.7	58.7	

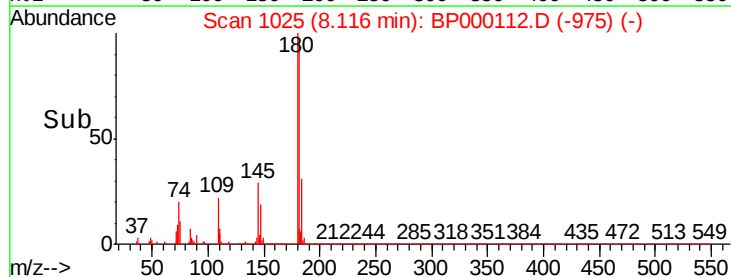
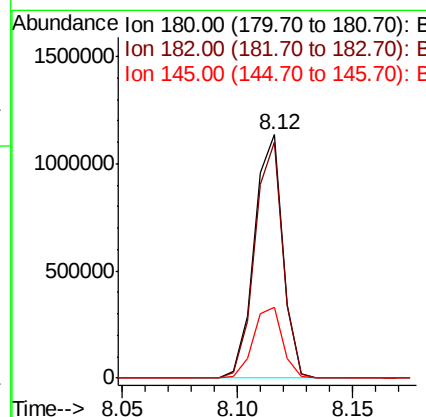
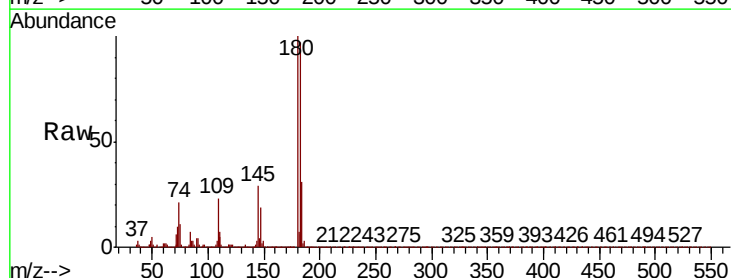
Manual Integrations
APPROVED

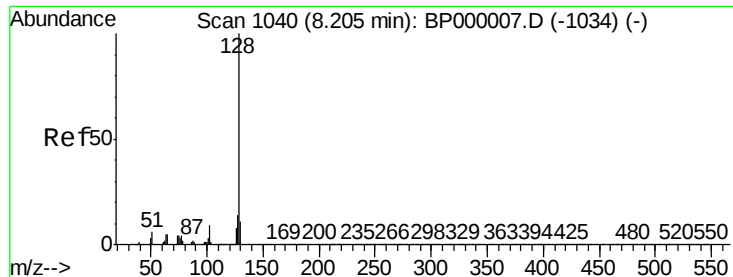
mohammad
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#30
1,2,4-Trichlorobenzene
Concen: 37.801 ng
RT: 8.12 min Scan# 1025
Delta R.T. -0.01 min
Lab File: BP000112.D
Acq: 09 Sep 2019 00:43

Tgt Ion	Ratio	Resp	Lower	Upper
180	100			
182	97.0	76.7	115.1	
145	28.9	24.8	37.2	





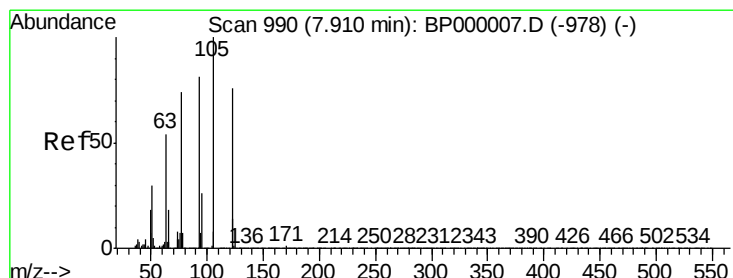
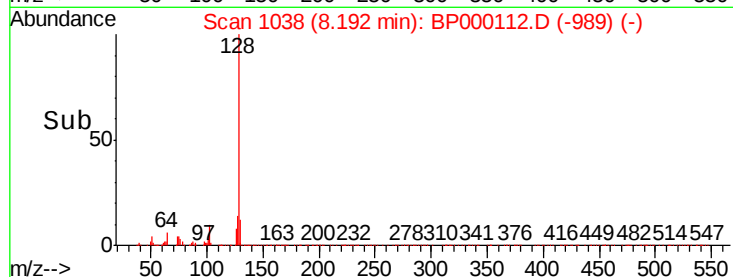
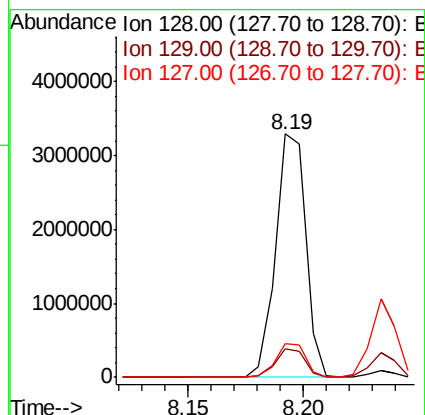
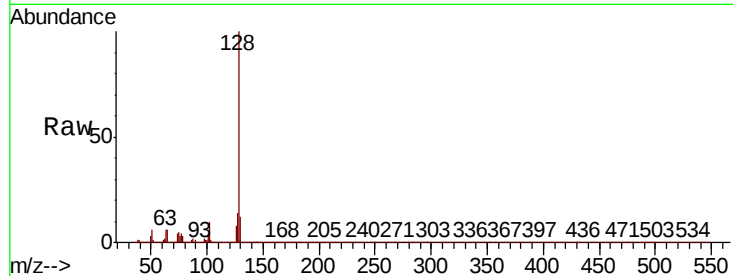
#31
Naphthalene
Concen: 40.627 ng
RT: 8.19 min Scan# 1038
Delta R.T. -0.01 min
Lab File: BP000112.D
Acq: 09 Sep 2019 00:43

Instrument :
BNA_P
ClientSampleId :
WS-SB09-COMPMSD

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.7	9.0	13.6
127	13.8	11.0	16.6

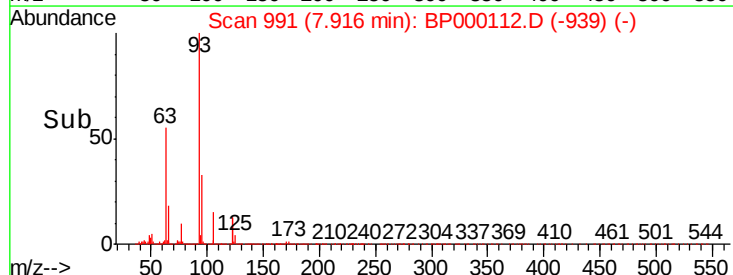
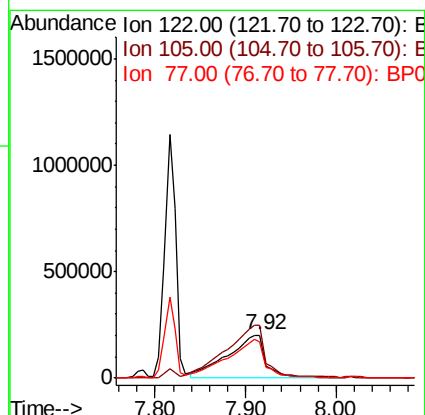
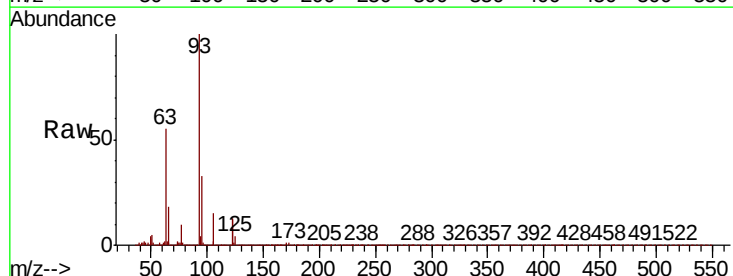
Manual Integrations
APPROVED

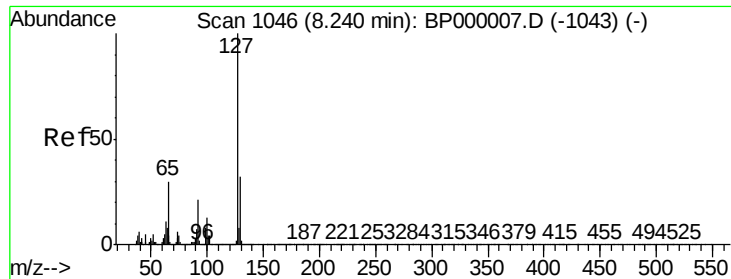
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#32
Benzoic acid
Concen: 41.033 ng
RT: 7.92 min Scan# 991
Delta R.T. 0.01 min
Lab File: BP000112.D
Acq: 09 Sep 2019 00:43

Tgt Ion	Ratio	Lower	Upper
122	100		
105	123.7	104.6	144.6
77	84.2	74.1	114.1





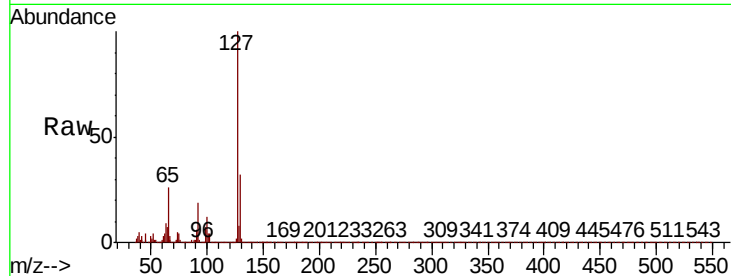
#33
4-Chloroaniline
Concen: 23.867 ng
RT: 8.23 min Scan# 1045
Delta R.T. -0.01 min
Lab File: BP000112.D
Acq: 09 Sep 2019 00:43

Instrument :
BNA_P
ClientSampleId :
WS-SB09-COMPMSD

Tot Ion	Ratio	Lower	Upper
127	100		
129	32.0	25.8	38.6
65	26.2	24.2	36.2
92	18.9	16.5	24.7

Manual Integrations
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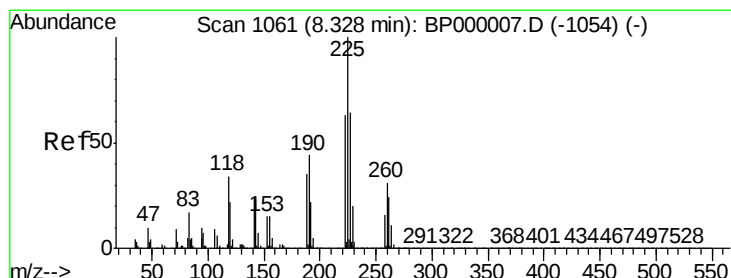
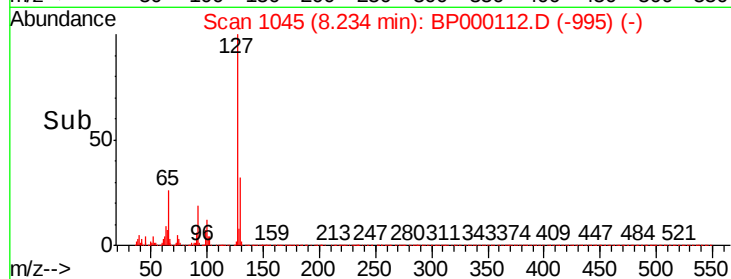
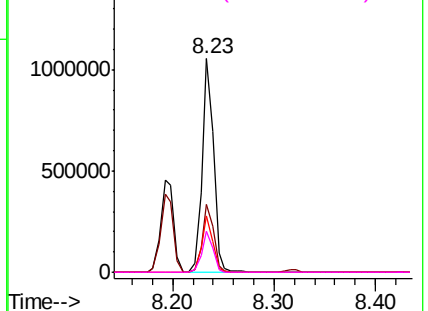
Abundance

Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

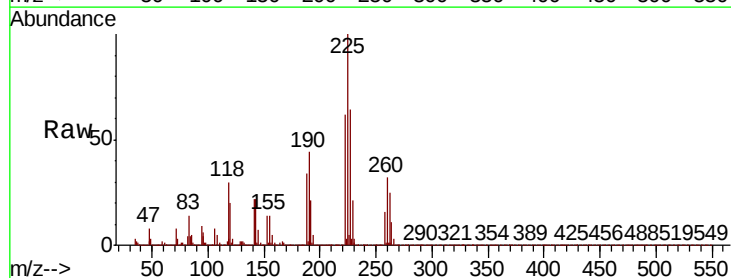
Ion 65.00 (64.70 to 65.70): BP0

Ion 92.00 (91.70 to 92.70): BP0



#34
Hexachlorobutadiene
Concen: 37.936 ng
RT: 8.32 min Scan# 1060
Delta R.T. -0.01 min
Lab File: BP000112.D
Acq: 09 Sep 2019 00:43

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.1	50.6	76.0
227	63.6	51.0	76.4

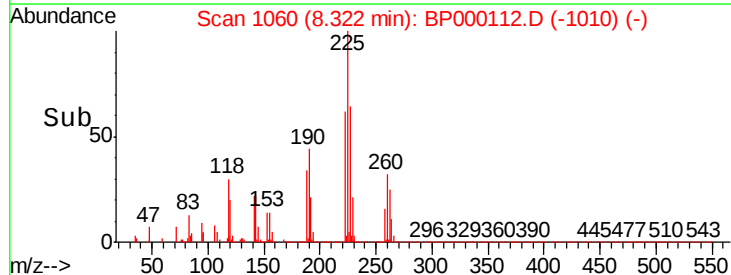
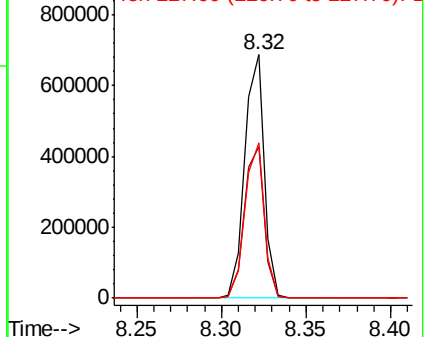


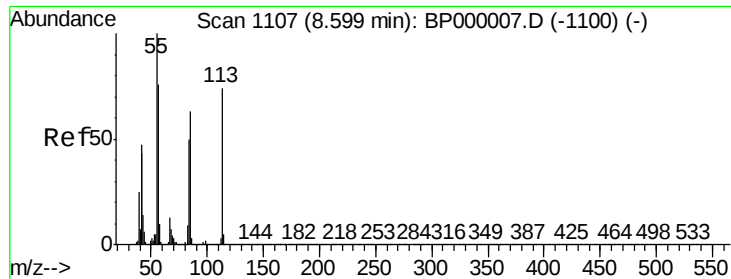
Abundance

Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





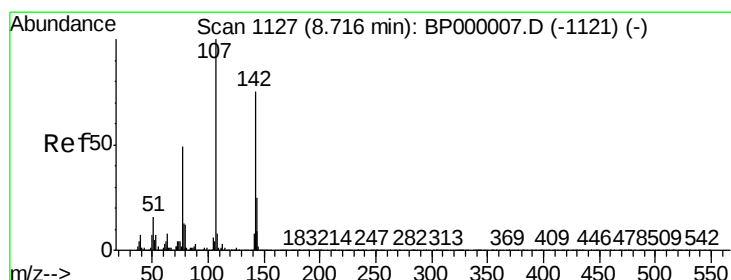
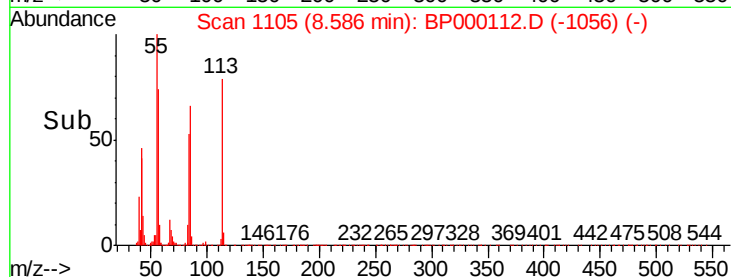
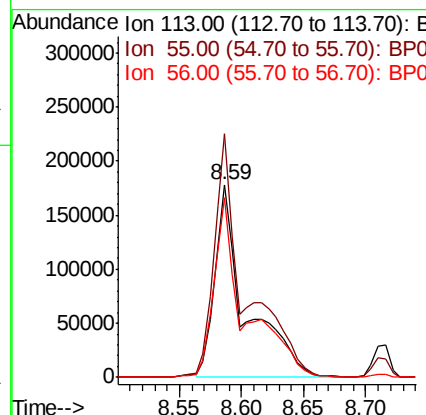
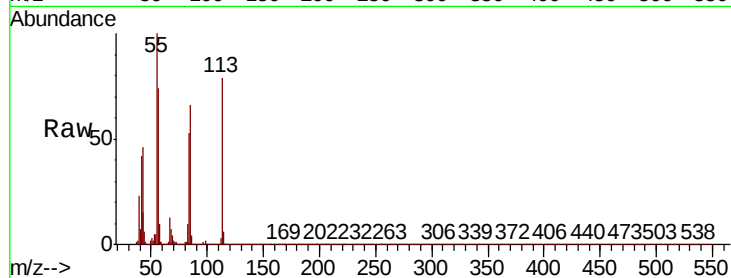
#35
Caprolactam
Concen: 38.332 ng/ml
RT: 8.59 min Scan# 1105
Delta R.T. -0.01 min
Lab File: BP000112.D
Acq: 09 Sep 2019 00:43

Instrument :
BNA_P
ClientSampleId :
WS-SB09-COMPMSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
113	100		309367		
55	126.1	114.6	154.6		
56	93.0	82.1	122.1		

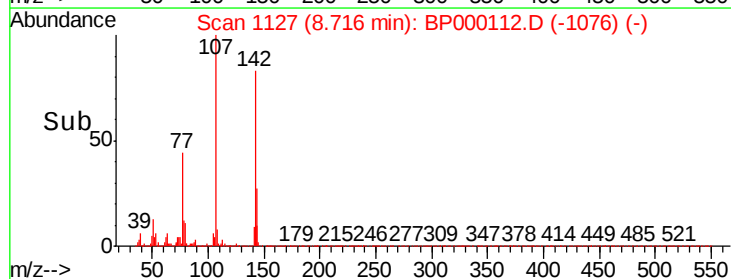
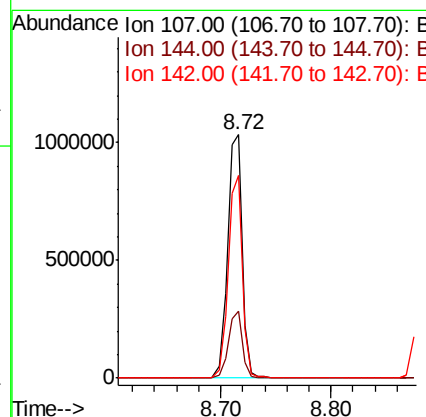
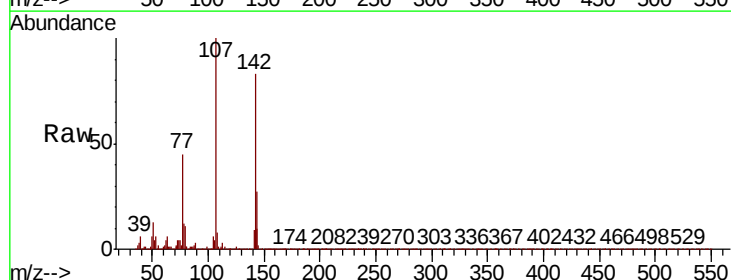
Manual Integrations
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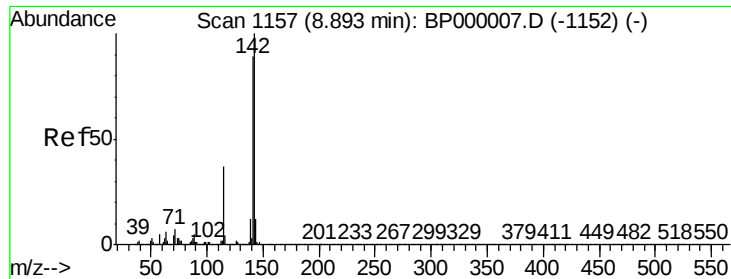
mohammad
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#36
4-Chloro-3-methylphenol
Concen: 38.692 ng/ml
RT: 8.72 min Scan# 1127
Delta R.T. -0.00 min
Lab File: BP000112.D
Acq: 09 Sep 2019 00:43

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100		958068		
144	27.4	19.8	29.6		
142	83.1	60.4	90.6		





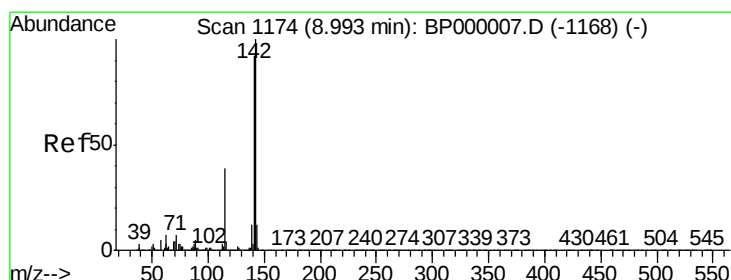
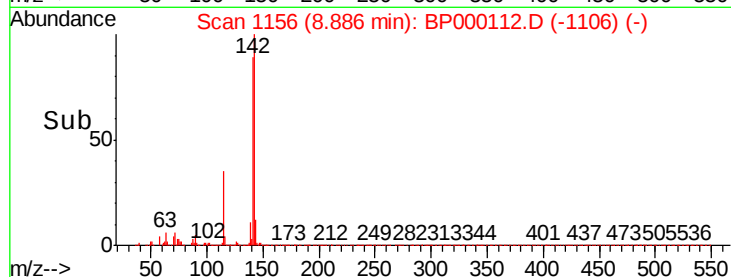
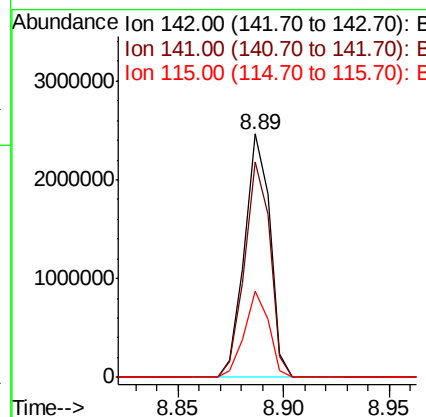
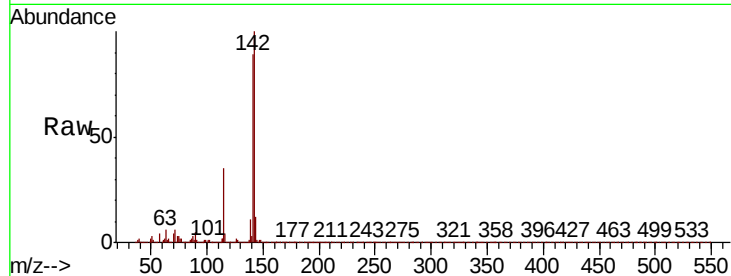
#37
2-Methylnaphthalene
Concen: 40.376 ng
RT: 8.89 min Scan# 1156
Delta R.T. -0.01 min
Lab File: BP000112.D
Acq: 09 Sep 2019 00:43

Instrument :
BNA_P
ClientSampleId :
WS-SB09-COMPMSD

Tot Ion	Ratio	Lower	Upper
142	100		
141	88.5	71.0	106.4
115	35.2	29.4	44.2

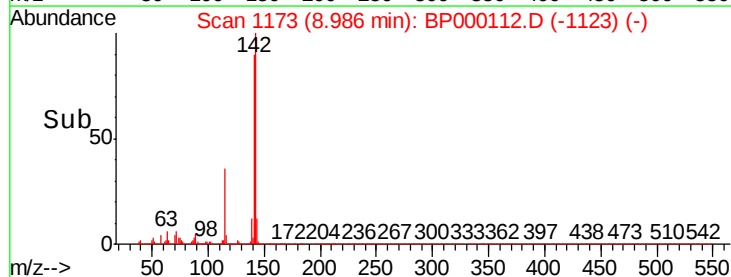
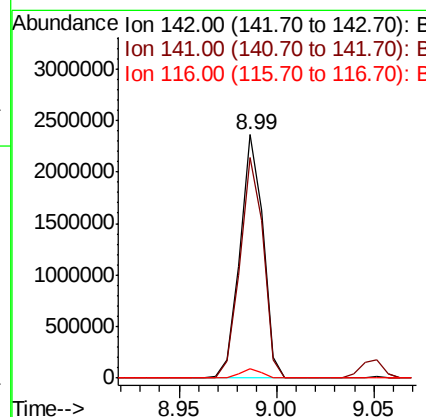
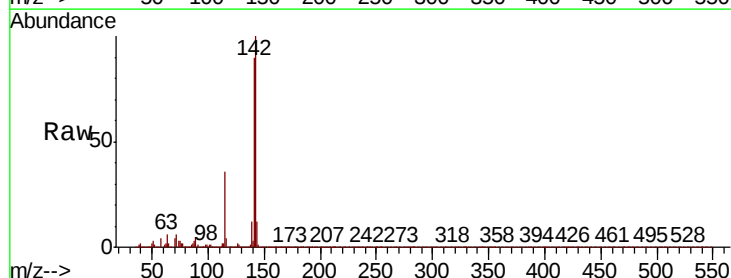
Manual Integrations
APPROVED

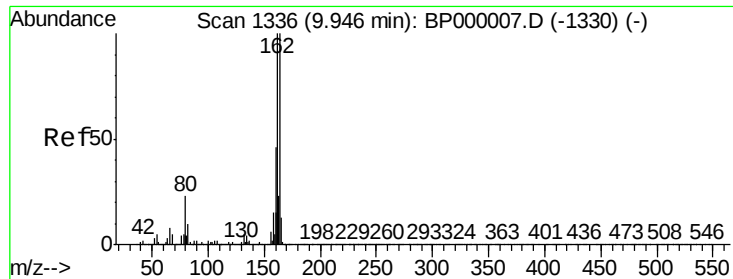
mohammad
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#38
1-Methylnaphthalene
Concen: 40.222 ng
RT: 8.99 min Scan# 1173
Delta R.T. -0.01 min
Lab File: BP000112.D
Acq: 09 Sep 2019 00:43

Tgt Ion	Ratio	Lower	Upper
142	100		
141	90.4	73.6	110.4
116	3.9	3.4	5.0





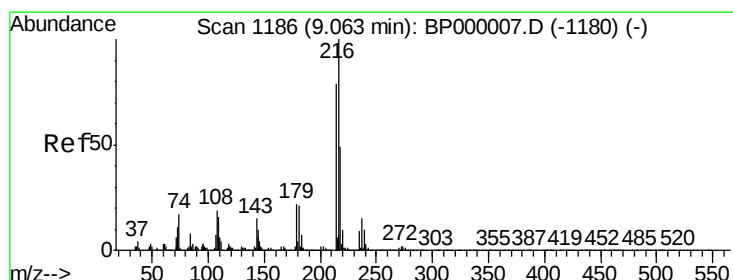
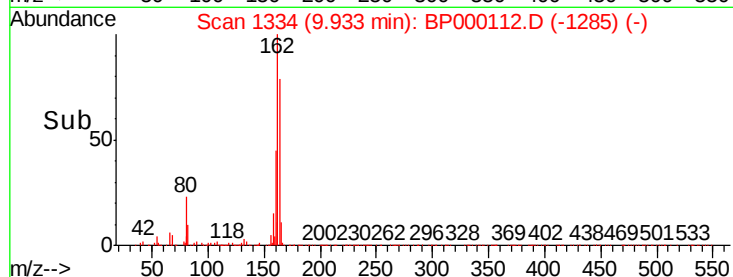
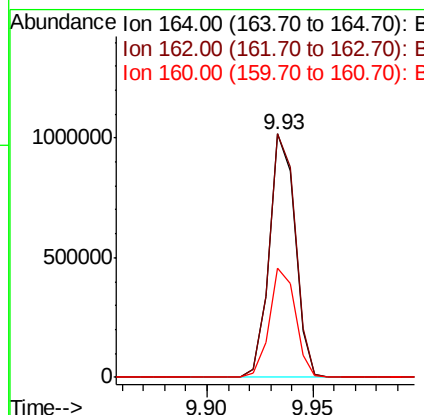
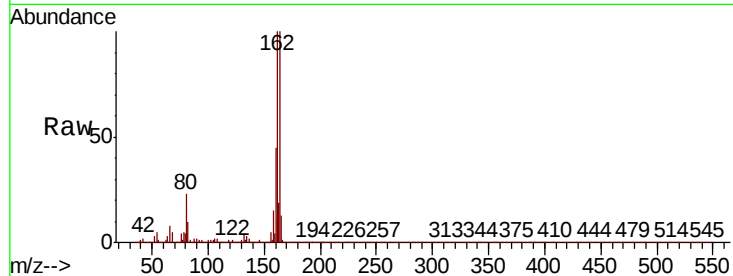
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.93 min Scan# 1334
Delta R.T. -0.01 min
Lab File: BP000112.D
Acq: 09 Sep 2019 00:43

Instrument :
BNA_P
ClientSampleId :
WS-SB09-COMPMSD

Tot Ion	Ratio	Resp	Lower	Upper
164	100			
162	100.0	80.2	120.4	
160	45.0	36.6	55.0	

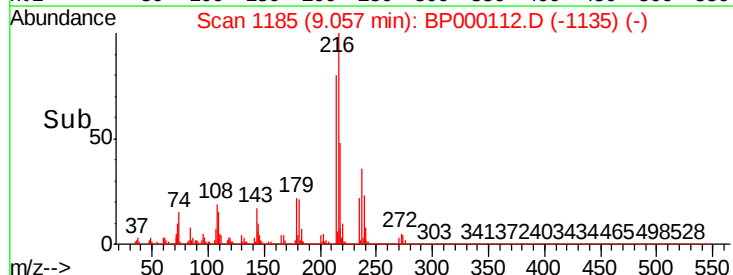
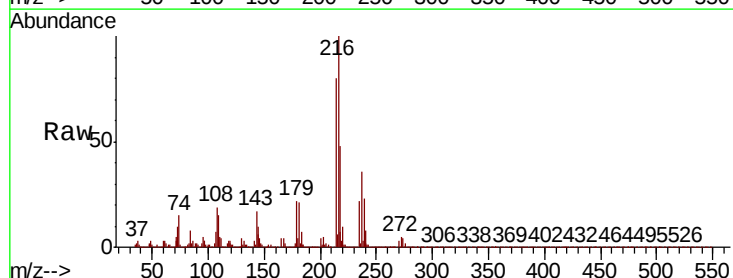
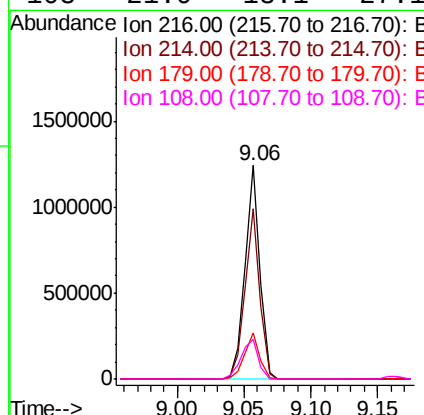
Manual Integrations
APPROVED

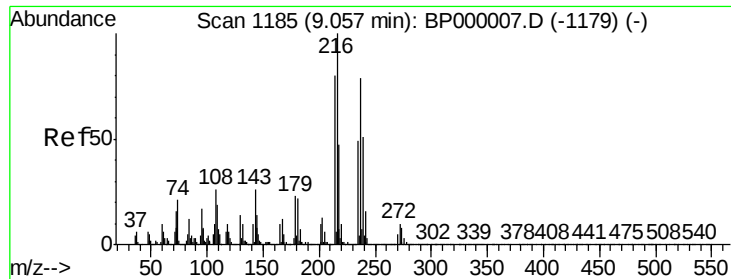
mohammad
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#40
1,2,4,5-Tetrachlorobenzene
Concen: 38.826 ng
RT: 9.06 min Scan# 1185
Delta R.T. -0.01 min
Lab File: BP000112.D
Acq: 09 Sep 2019 00:43

Tgt Ion	Ratio	Resp	Lower	Upper
216	100			
214	79.2	63.4	95.2	
179	21.6	17.8	26.6	
108	21.9	18.1	27.1	





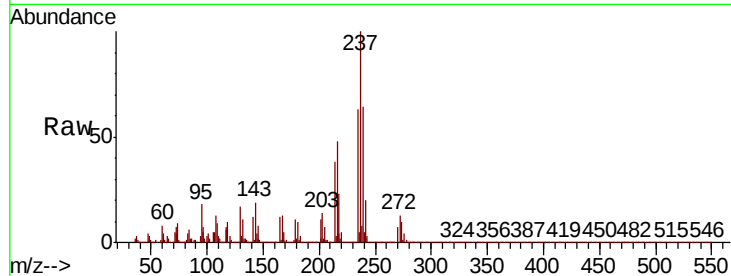
#41
Hexachlorocyclopentadiene
Concen: 80.169 ng
RT: 9.05 min Scan# 1184
Delta R.T. -0.01 min
Lab File: BP000112.D
Acq: 09 Sep 2019 00:43

Instrument :
BNA_P
ClientSampleId :
WS-SB09-COMPMSD

Tot Ion	Ratio	Lower	Upper
237	100		
235	62.5	42.0	82.0
272	12.7	0.0	33.1

Manual Integrations
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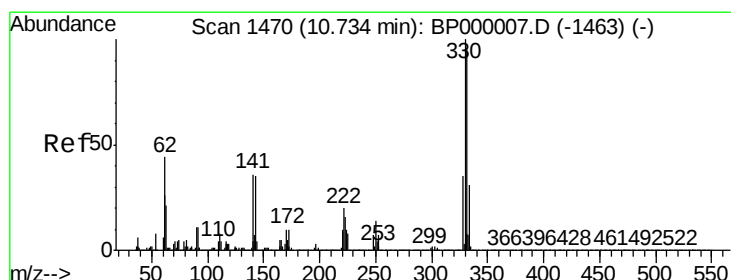
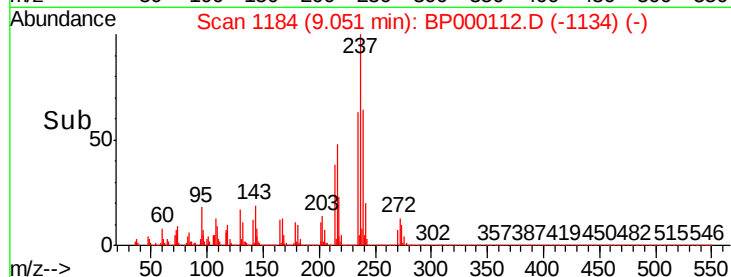
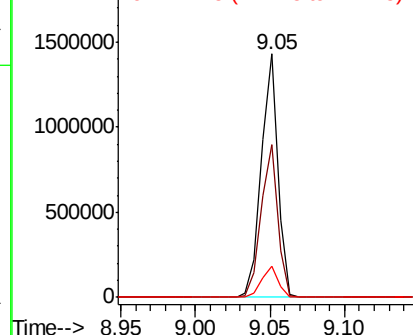


Abundance

Ion 236.80 (236.50 to 237.50): E

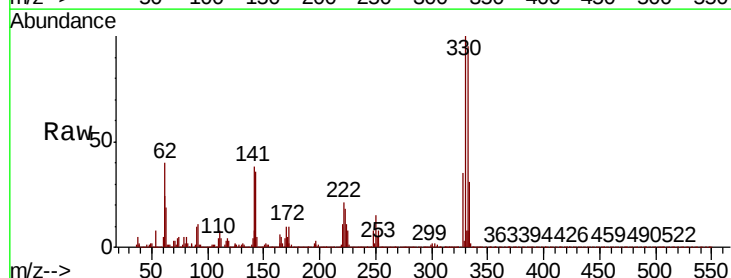
Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



#42
2,4,6-Tribromophenol
Concen: 122.003 ng
RT: 10.73 min Scan# 1469
Delta R.T. -0.01 min
Lab File: BP000112.D
Acq: 09 Sep 2019 00:43

Tgt Ion	Ratio	Lower	Upper
330	100		
332	94.9	76.8	115.2
141	38.0	33.6	50.4

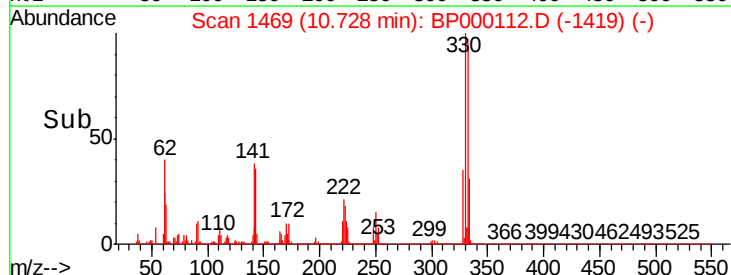
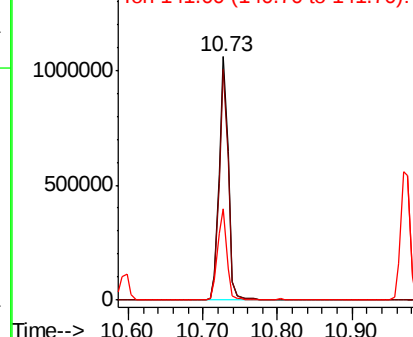


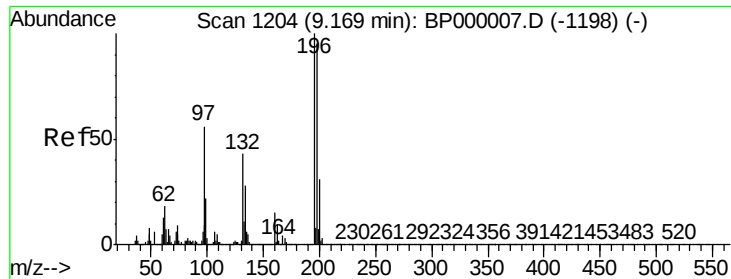
Abundance

Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





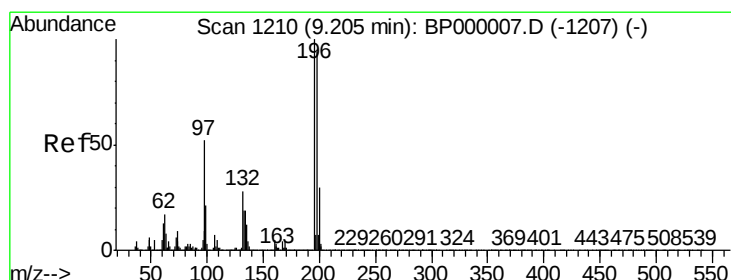
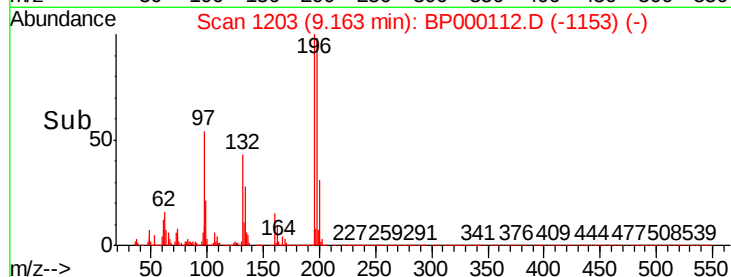
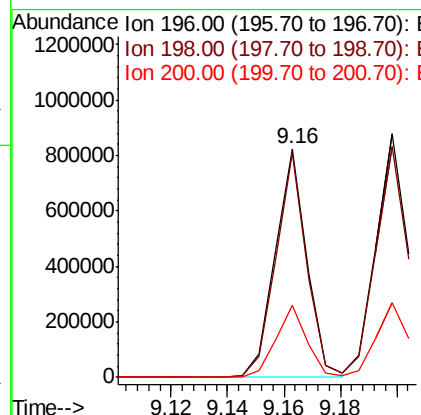
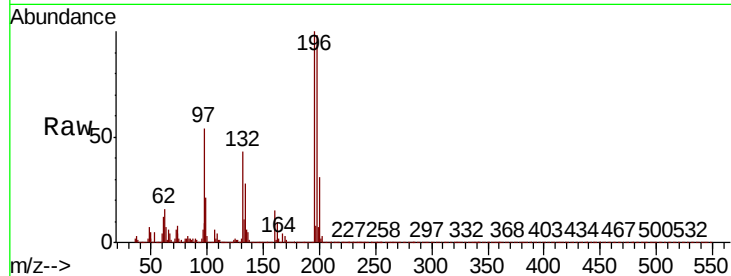
#43
2,4,6-Trichlorophenol
Concen: 37.439 ng
RT: 9.16 min Scan# 1203
Delta R.T. -0.01 min
Lab File: BP000112.D
Acq: 09 Sep 2019 00:43

Instrument :
BNA_P
ClientSampleId :
WS-SB09-COMPMSD

Tot Ion	Ratio	Resp	Lower	Upper
196	100	635022		
198	98.1	76.2	114.2	
200	31.2	25.0	37.4	

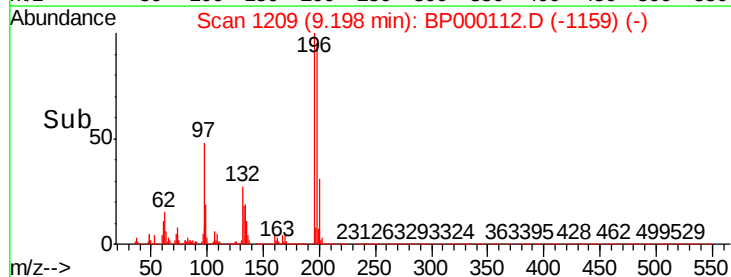
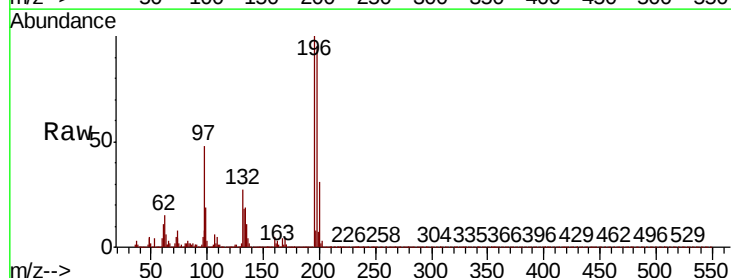
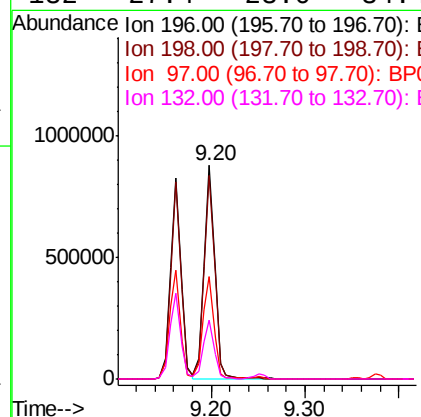
Manual Integrations
APPROVED

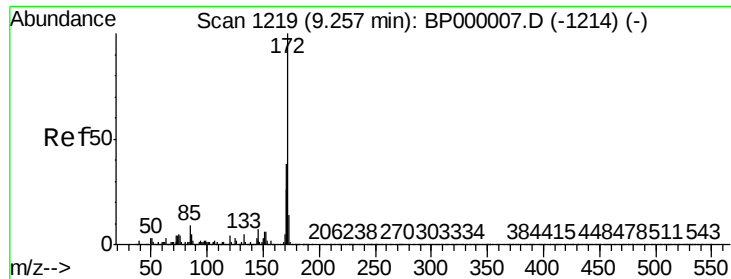
mohammad
9/10/2019 2:51:14 PM



#44
2,4,5-Trichlorophenol
Concen: 39.601 ng
RT: 9.20 min Scan# 1209
Delta R.T. -0.01 min
Lab File: BP000112.D
Acq: 09 Sep 2019 00:43

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	702787		
198	95.0	74.9	112.3	
97	48.2	42.2	63.2	
132	27.4	23.0	34.4	





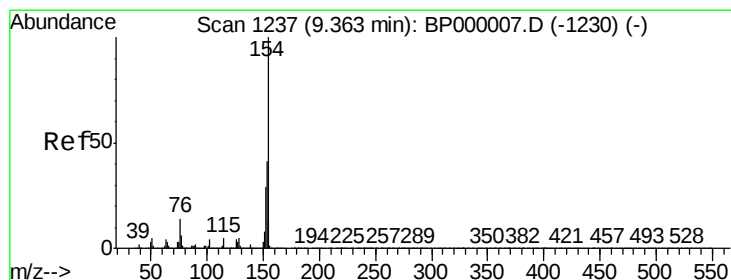
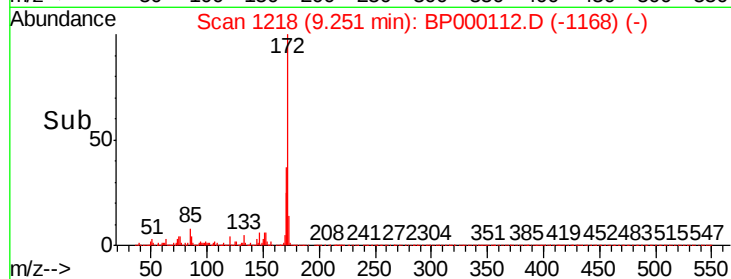
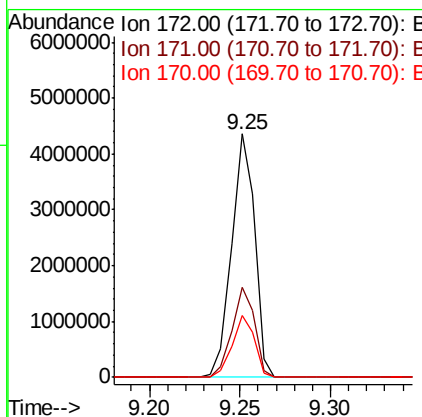
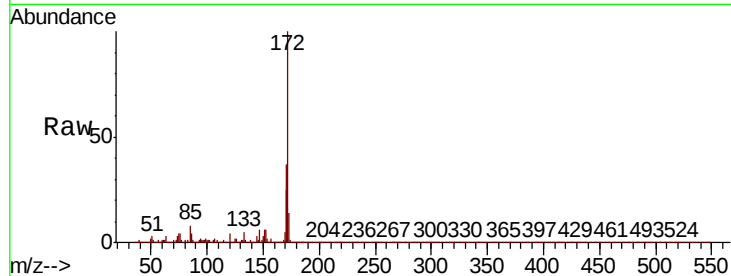
#45
2-Fluorobiphenyl
Concen: 74.056 ng
RT: 9.25 min Scan# 1218
Delta R.T. -0.01 min
Lab File: BP000112.D
Acq: 09 Sep 2019 00:43

Instrument :
BNA_P
ClientSampleId :
WS-SB09-COMPMSD

Tot Ion	Ratio	Lower	Upper
172	100		
171	37.2	30.7	46.1
170	25.4	20.7	31.1

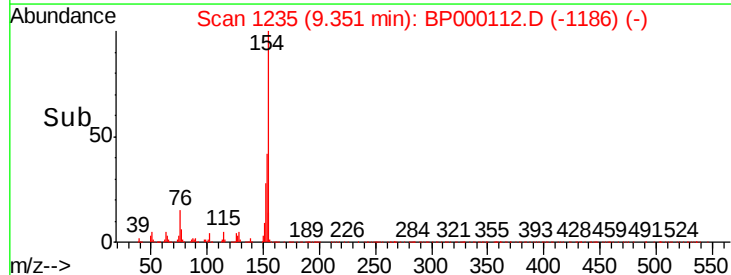
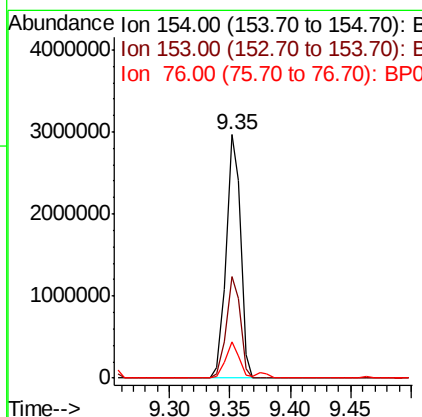
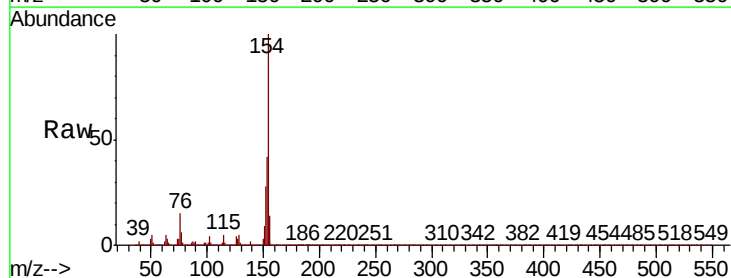
Manual Integrations
APPROVED

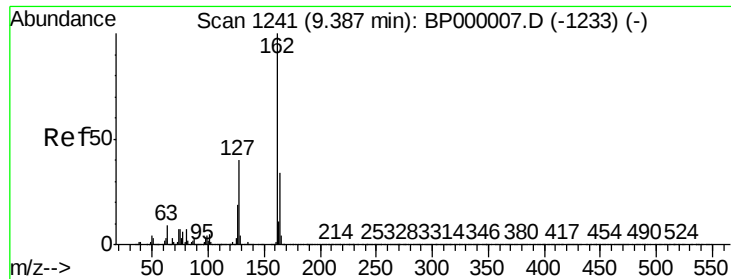
mohammad
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#46
1,1'-Biphenyl
Concen: 39.628 ng
RT: 9.35 min Scan# 1235
Delta R.T. -0.01 min
Lab File: BP000112.D
Acq: 09 Sep 2019 00:43

Tgt Ion	Ratio	Lower	Upper
154	100		
153	41.9	21.1	61.1
76	14.8	0.0	33.7





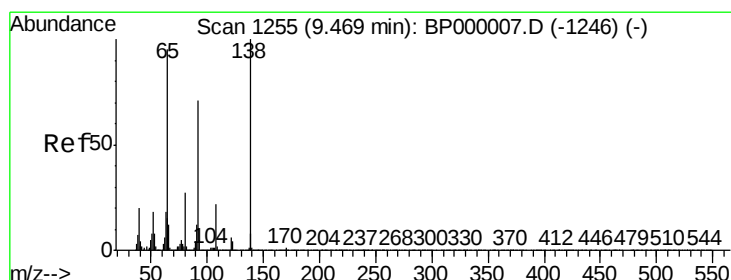
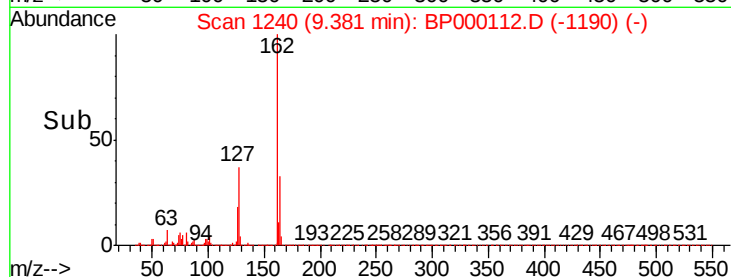
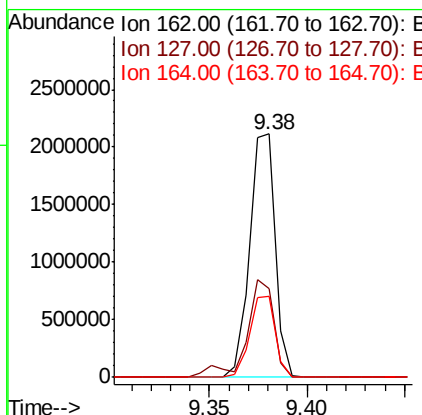
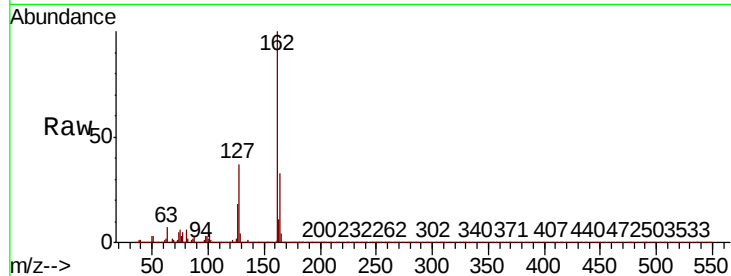
#47
2-Chloronaphthalene
Concen: 37.643 ng
RT: 9.38 min Scan# 1240
Delta R.T. -0.01 min
Lab File: BP000112.D
Acq: 09 Sep 2019 00:43

Instrument :
BNA_P
ClientSampleId :
WS-SB09-COMPMSD

Tot Ion	Ratio	Lower	Upper
162	100		
127	36.7	32.2	48.4
164	33.4	26.9	40.3

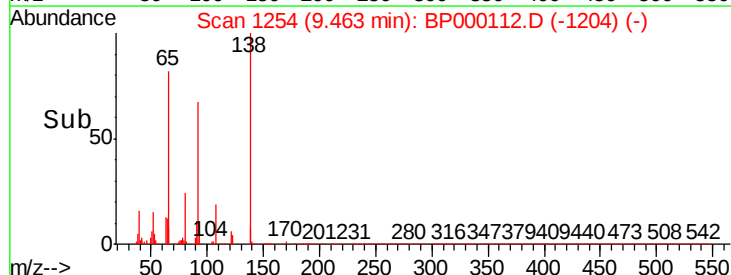
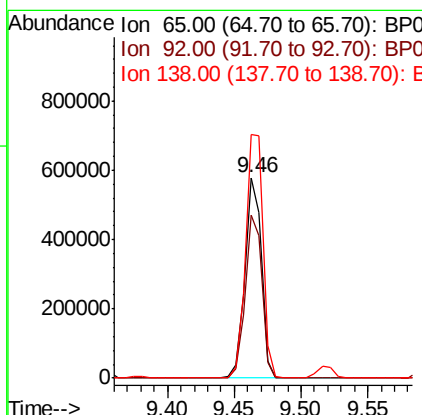
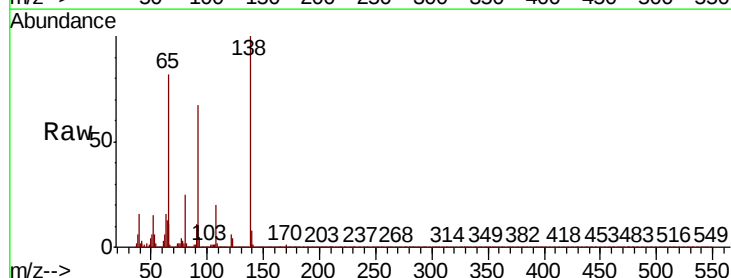
Manual Integrations
APPROVED

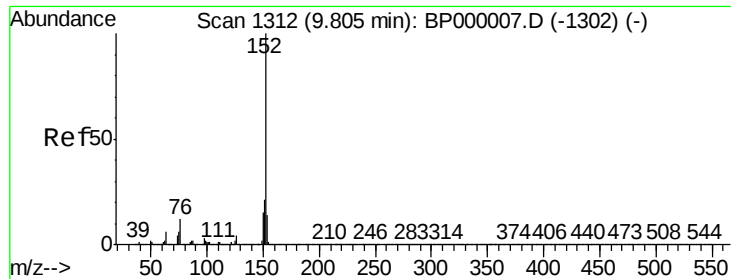
mohammad
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#48
2-Nitroaniline
Concen: 35.621 ng
RT: 9.46 min Scan# 1254
Delta R.T. -0.01 min
Lab File: BP000112.D
Acq: 09 Sep 2019 00:43

Tgt Ion	Ratio	Lower	Upper
65	100		
92	81.1	60.3	90.5
138	121.5	84.5	126.7





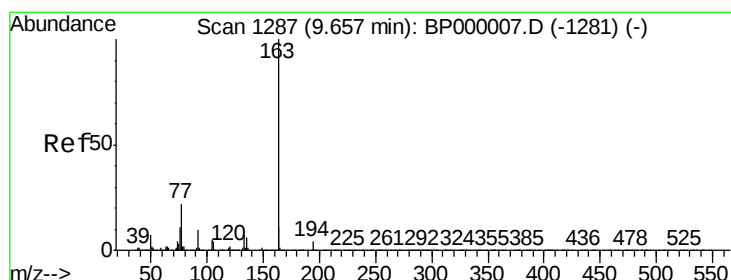
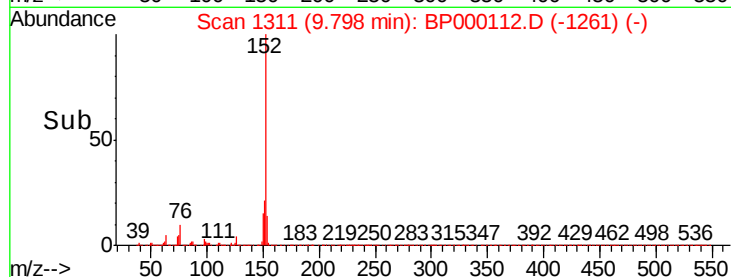
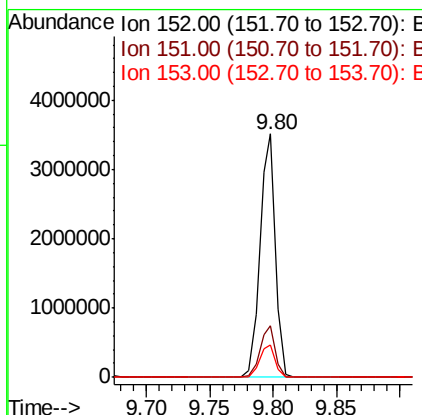
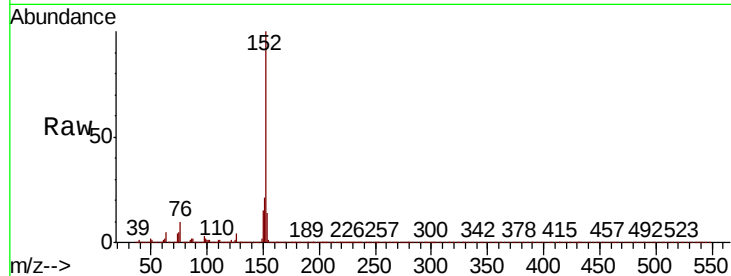
#49
Acenaphthylene
Concen: 39.923 ng
RT: 9.80 min Scan# 1311
Delta R.T. -0.01 min
Lab File: BP000112.D
Acq: 09 Sep 2019 00:43

Instrument :
BNA_P
ClientSampleId :
WS-SB09-COMPMSD

Tot Ion	Ratio	Lower	Upper
152	100		
151	21.0	17.0	25.6
153	13.5	11.0	16.6

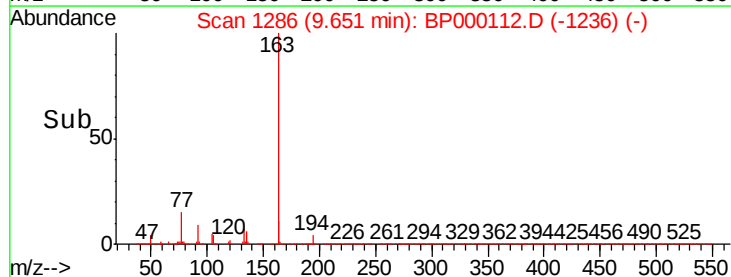
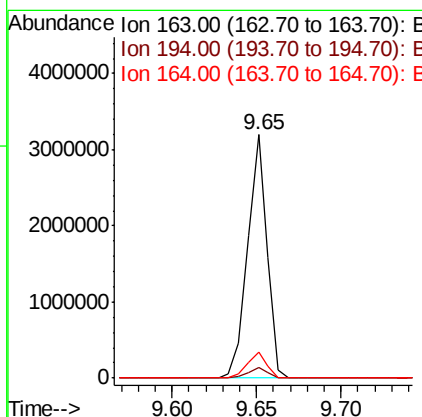
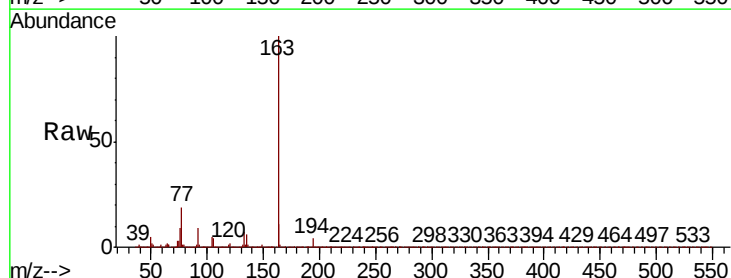
Manual Integrations
APPROVED

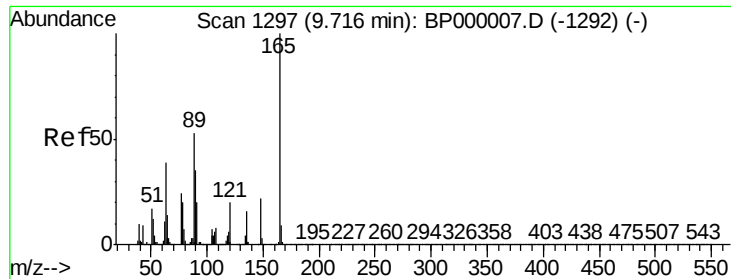
mohammad
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#50
Dimethylphthalate
Concen: 43.420 ng
RT: 9.65 min Scan# 1286
Delta R.T. -0.01 min
Lab File: BP000112.D
Acq: 09 Sep 2019 00:43

Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.3	3.3	4.9
164	10.8	8.4	12.6





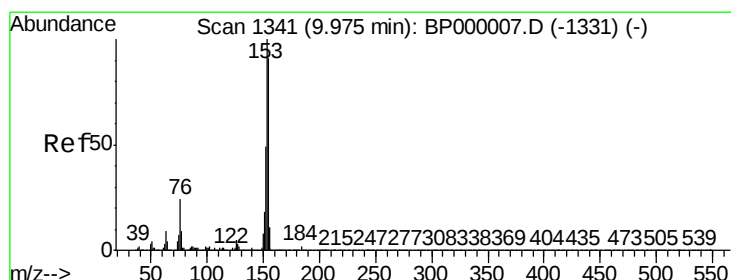
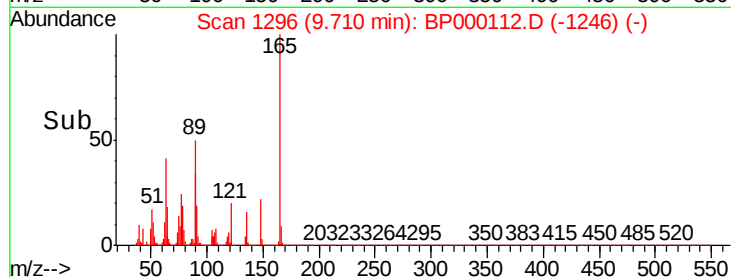
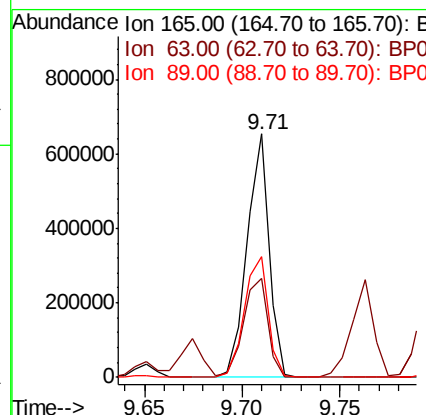
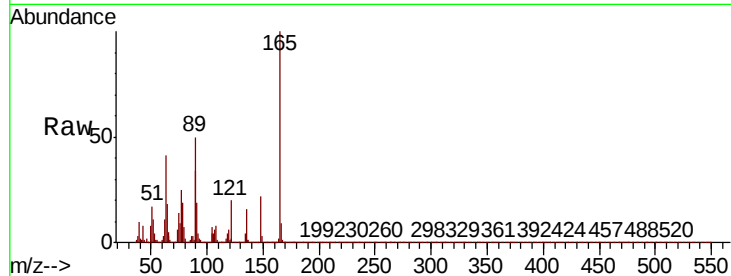
#51
2,6-Dinitrotoluene
Concen: 40.775 ng
RT: 9.71 min Scan# 1296
Delta R.T. -0.01 min
Lab File: BP000112.D
Acq: 09 Sep 2019 00:43

Instrument :
BNA_P
ClientSampleId :
WS-SB09-COMPMSD

Tot Ion	Ratio	Resp	Lower	Upper
165	100	512491		
63	40.7	35.8	53.6	
89	49.7	42.2	63.4	

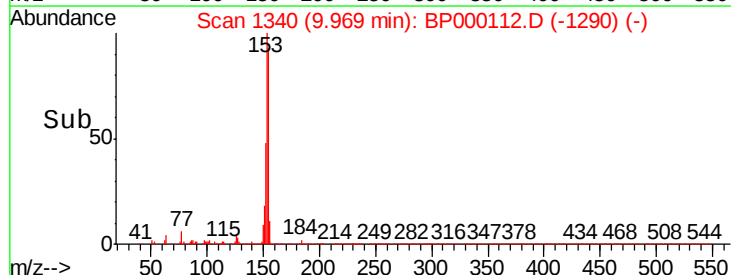
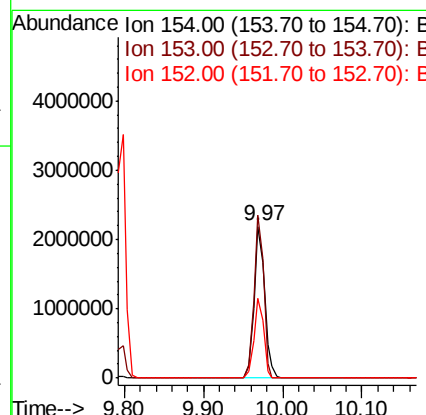
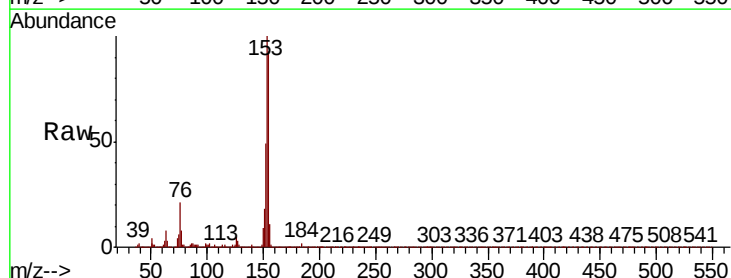
Manual Integrations
APPROVED

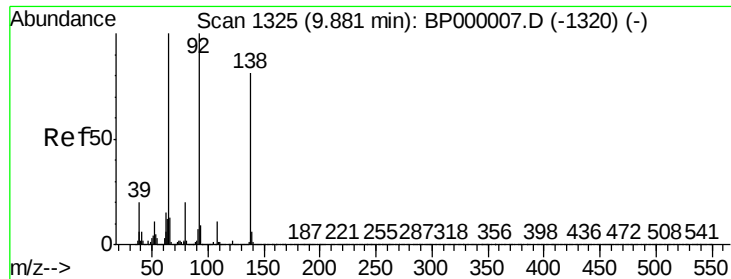
mohammad
9/10/2019 2:51:14 PM



#52
Acenaphthene
Concen: 42.945 ng
RT: 9.97 min Scan# 1340
Delta R.T. -0.01 min
Lab File: BP000112.D
Acq: 09 Sep 2019 00:43

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	2036134		
153	107.8	88.2	132.2	
152	52.7	42.9	64.3	





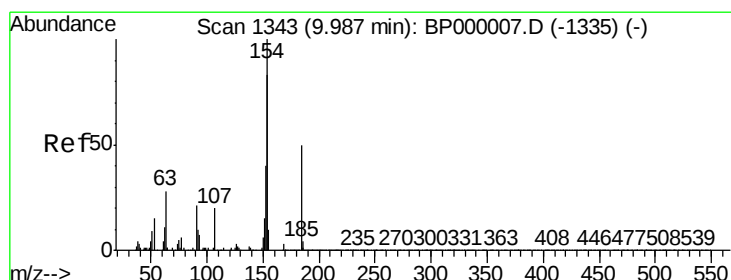
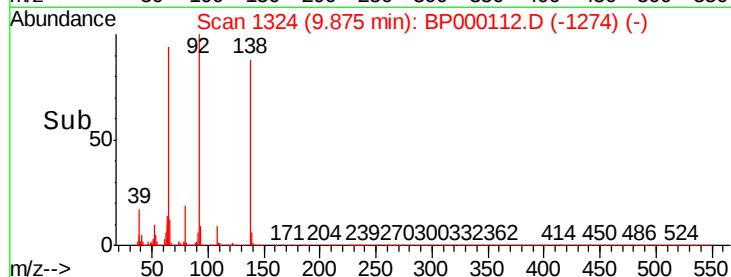
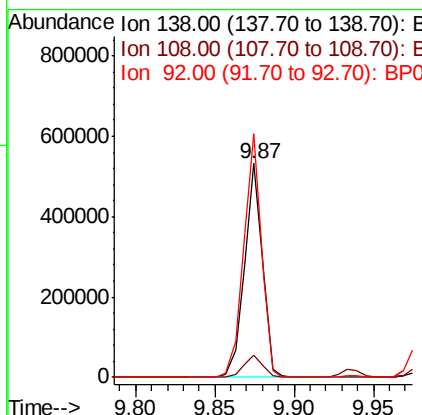
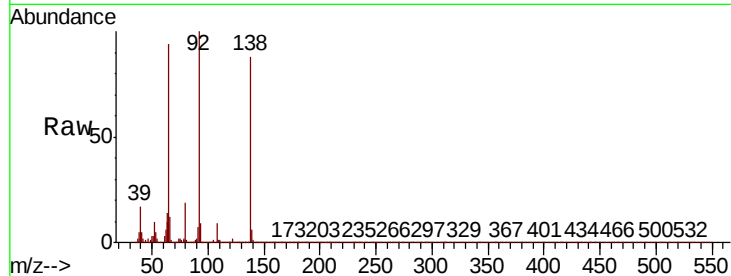
#53
3-Nitroaniline
Concen: 27.396 ng
RT: 9.87 min Scan# 1324
Delta R.T. -0.01 min
Lab File: BP000112.D
Acq: 09 Sep 2019 00:43

Instrument :
BNA_P
ClientSampleId :
WS-SB09-COMPMSD

Tot Ion	Ratio	Lower	Upper
138	100		
108	10.5	11.0	16.4#
92	114.0	98.2	147.4

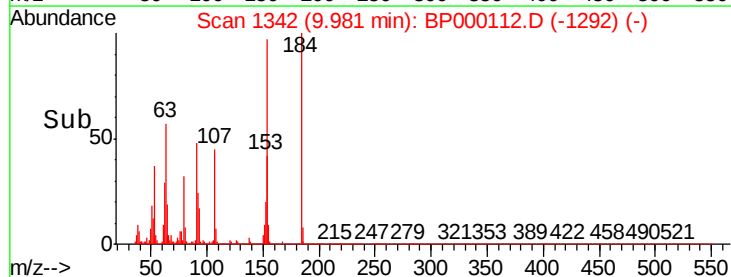
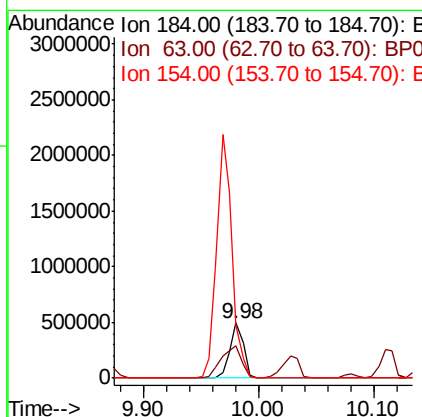
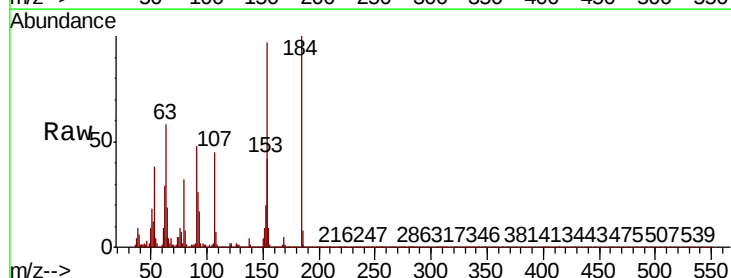
Manual Integrations
APPROVED

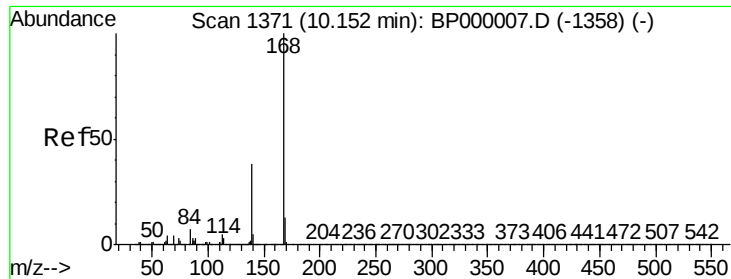
mohammad
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#54
2,4-Dinitrophenol
Concen: 85.789 ng
RT: 9.98 min Scan# 1342
Delta R.T. -0.01 min
Lab File: BP000112.D
Acq: 09 Sep 2019 00:43

Tgt Ion	Ratio	Lower	Upper
184	100		
63	58.1	46.0	69.0
154	97.4	161.9	242.9#





#55

Dibenzofuran

Concen: 40.971 ng

RT: 10.15 min Scan# 1370

Delta R.T. -0.01 min

Lab File: BP000112.D

Acq: 09 Sep 2019 00:43

Instrument :

BNA_P

ClientSampleId :

WS-SB09-COMPMSD

Tot Ion:168 Resp: 2758425

Ion Ratio Lower Upper

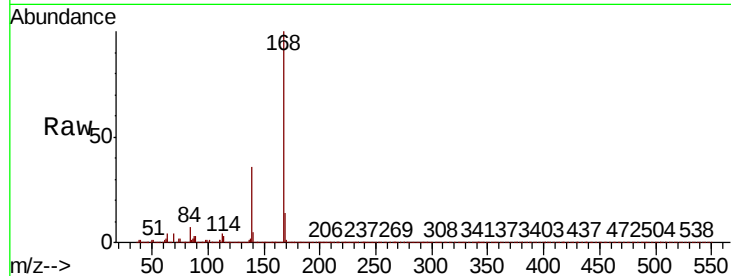
168 100

139 36.5 30.2 45.2

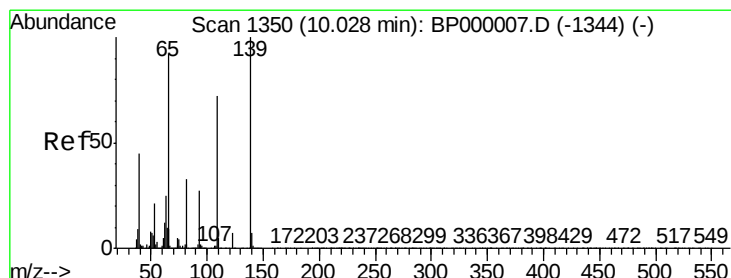
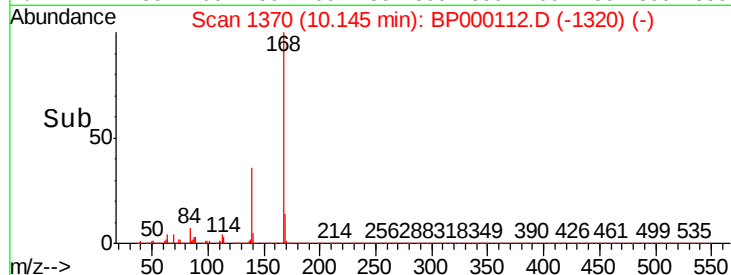
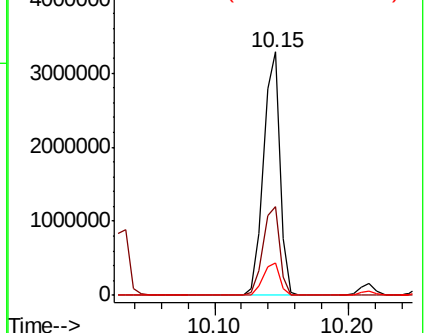
169 13.6 10.7 16.1

Manual Integrations
APPROVED

mohammad
9/10/2019 2:51:14 PM



Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E



#56

4-Nitrophenol

Concen: 84.713 ng

RT: 10.03 min Scan# 1351

Delta R.T. 0.01 min

Lab File: BP000112.D

Acq: 09 Sep 2019 00:43

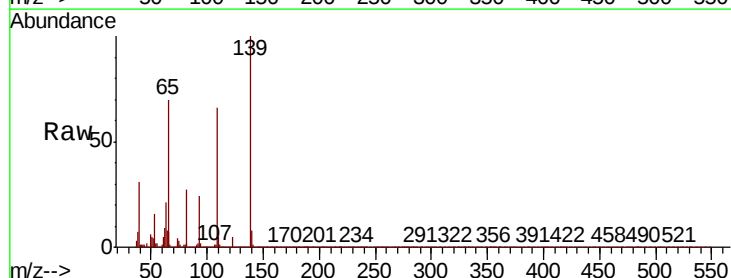
Tgt Ion:139 Resp: 909161

Ion Ratio Lower Upper

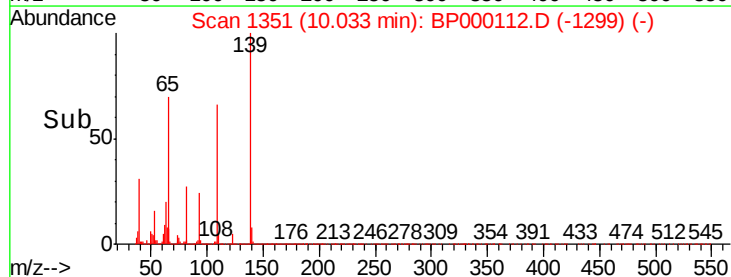
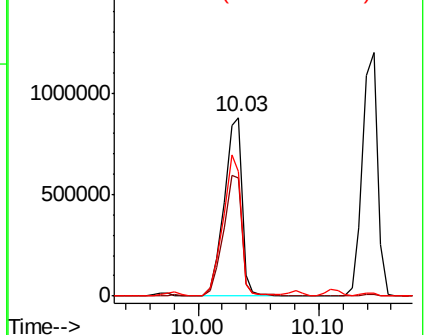
139 100

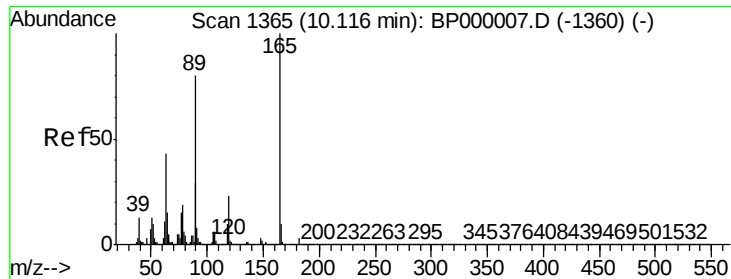
109 66.1 52.4 92.4

65 69.6 72.2 112.2#



Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BPO





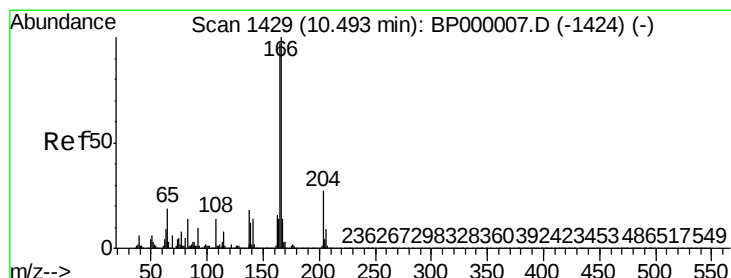
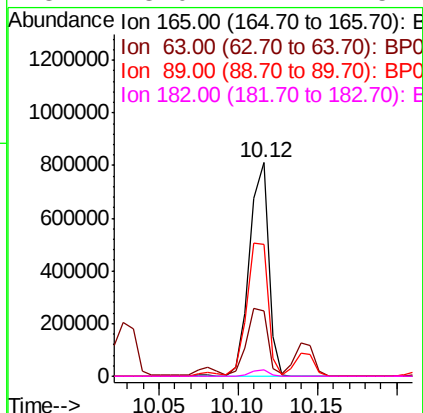
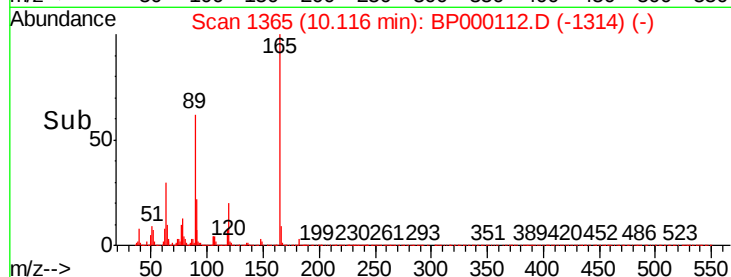
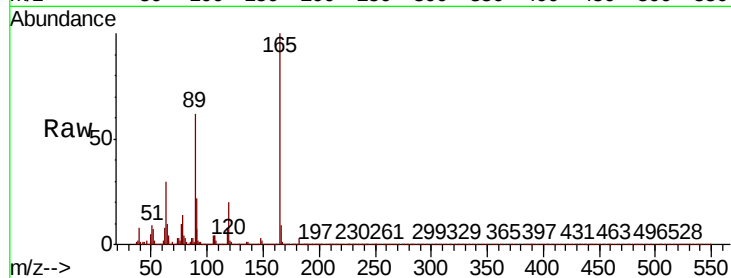
#57
2,4-Dinitrotoluene
Concen: 42.382 ng
RT: 10.12 min Scan# 1365
Delta R.T. -0.00 min
Lab File: BP000112.D
Acq: 09 Sep 2019 00:43

Instrument :
BNA_P
ClientSampleId :
WS-SB09-COMPMSD

Tot Ion	Ratio	Lower	Upper
165	100		
63	30.3	34.4	51.6#
89	61.6	64.3	96.5#
182	3.0	2.2	3.4

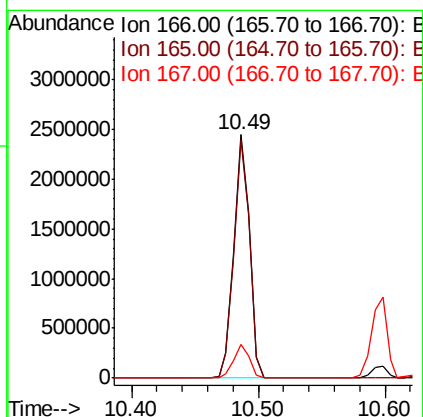
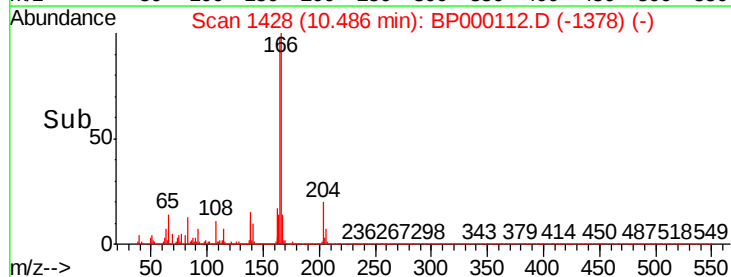
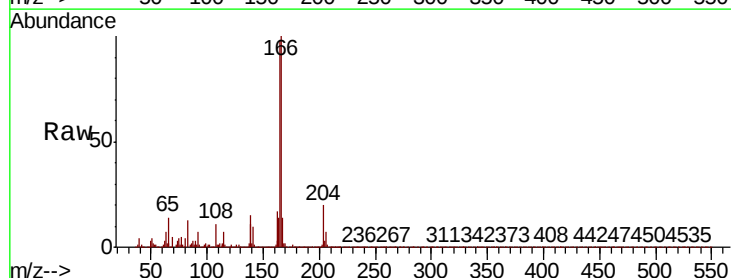
Manual Integrations
APPROVED

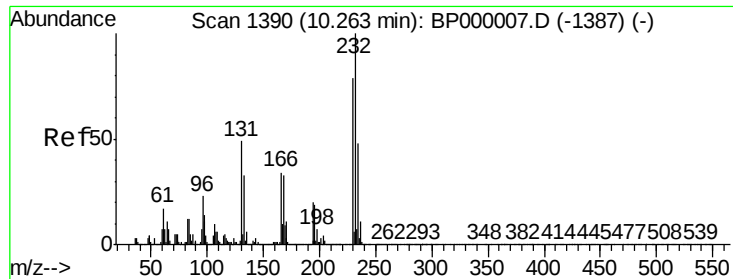
mohammad
9/10/2019 2:51:14 PM



#58
Fluorene
Concen: 40.494 ng
RT: 10.49 min Scan# 1428
Delta R.T. -0.01 min
Lab File: BP000112.D
Acq: 09 Sep 2019 00:43

Tgt Ion	Ratio	Lower	Upper
166	100		
165	97.9	77.3	115.9
167	13.9	11.0	16.6





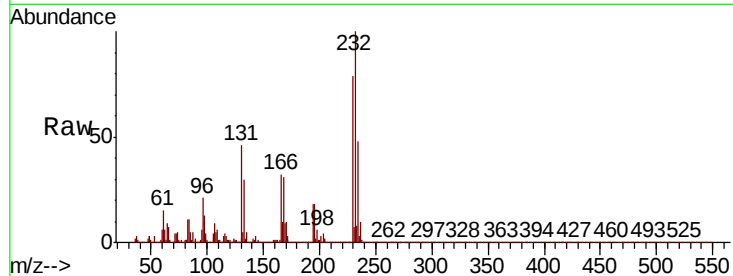
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 43.657 ng
 RT: 10.26 min Scan# 1389
 Delta R.T. -0.01 min
 Lab File: BP000112.D
 Acq: 09 Sep 2019 00:43

Instrument :
 BNA_P
 ClientSampleId :
 WS-SB09-COMPMSD

Tot Ion	Ratio	Lower	Upper
232	100		
131	43.9	39.3	58.9
130	2.4	2.1	3.1
166	30.4	26.5	39.7

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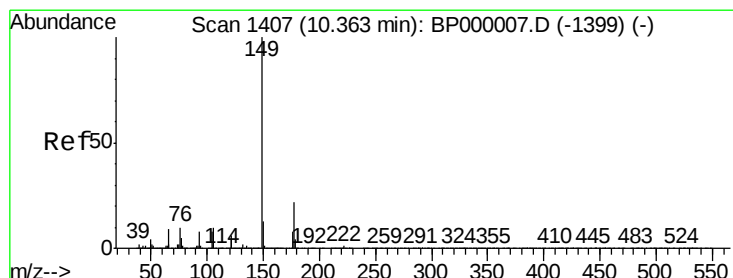
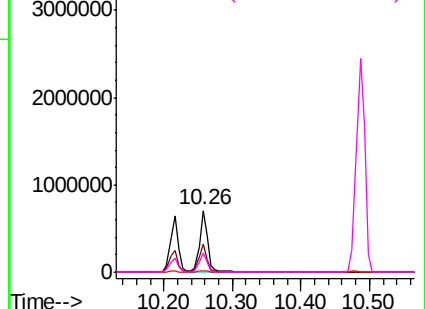
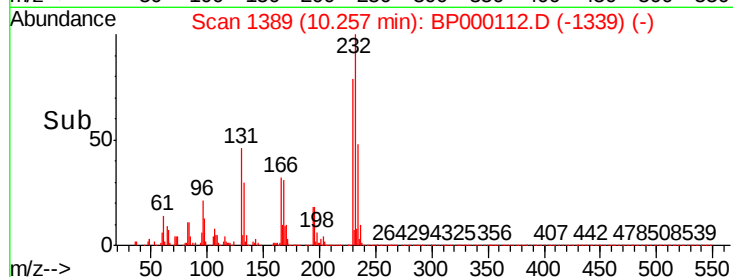
Abundance

Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

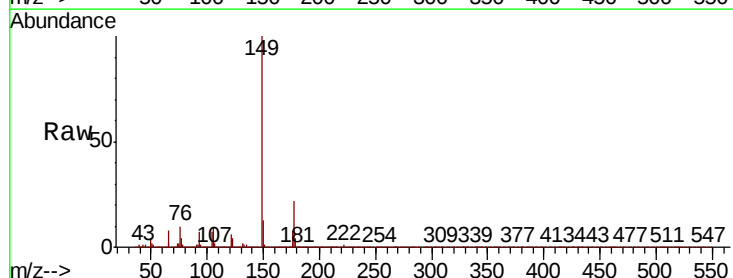
Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60
 Diethylphthalate
 Concen: 37.691 ng
 RT: 10.36 min Scan# 1406
 Delta R.T. -0.01 min
 Lab File: BP000112.D
 Acq: 09 Sep 2019 00:43

Tgt Ion	Ratio	Lower	Upper
149	100		
177	21.8	17.3	25.9
150	12.6	10.3	15.5

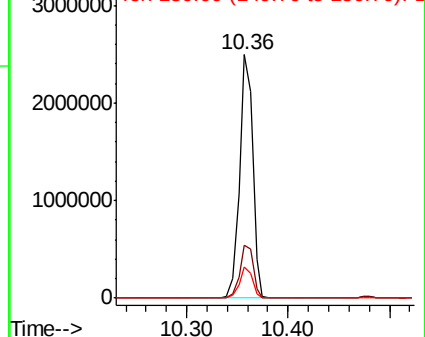
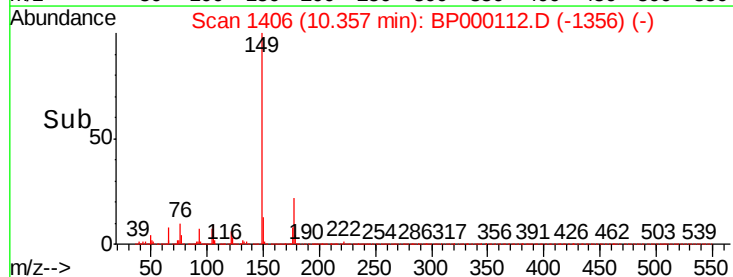


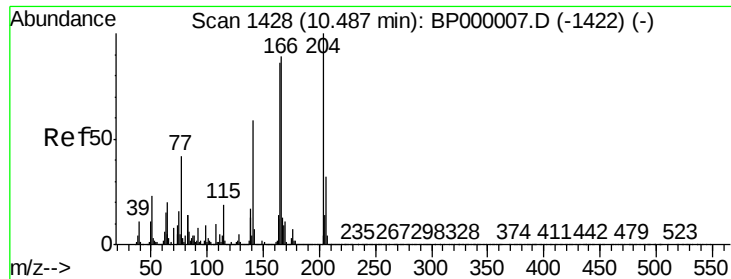
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E





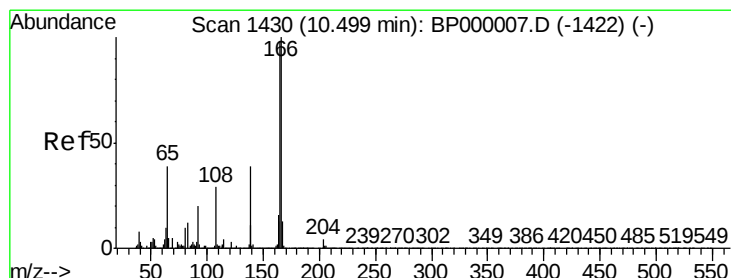
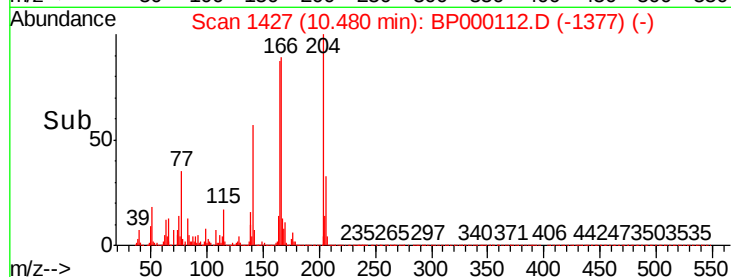
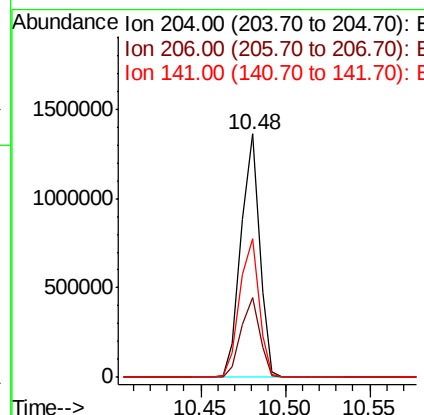
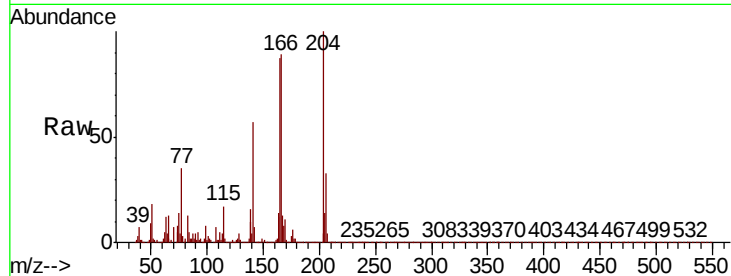
#61
4-Chlorophenyl-phenylether
Concen: 39.617 ng
RT: 10.48 min Scan# 1427
Delta R.T. -0.01 min
Lab File: BP000112.D
Acq: 09 Sep 2019 00:43

Instrument :
BNA_P
ClientSampleId :
WS-SB09-COMPMSD

Tot Ion: 204 Resp: 1043369
Ion Ratio Lower Upper
204 100
206 32.9 26.0 39.0
141 56.7 47.6 71.4

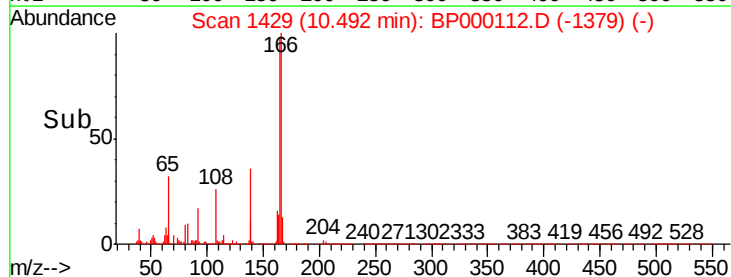
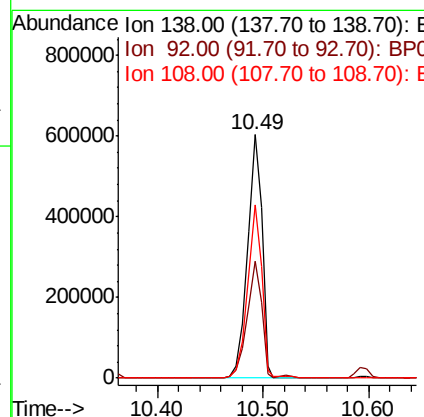
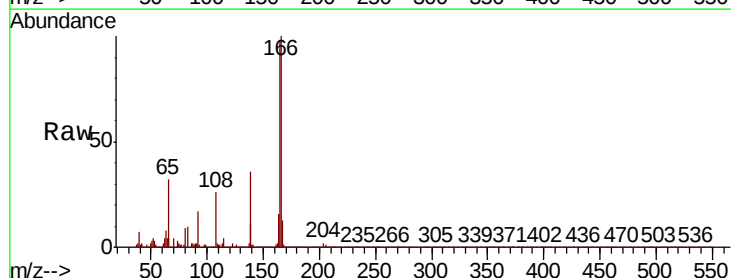
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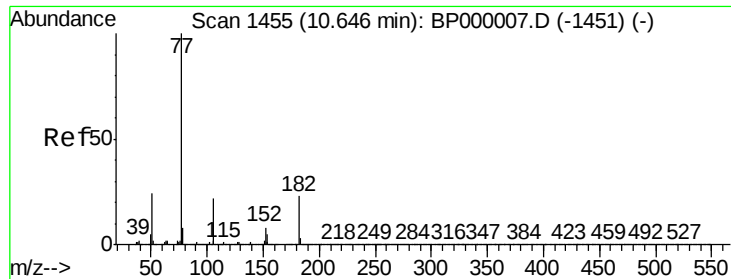
mohammad
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#62
4-Nitroaniline
Concen: 39.388 ng
RT: 10.49 min Scan# 1429
Delta R.T. -0.01 min
Lab File: BP000112.D
Acq: 09 Sep 2019 00:43

Tgt Ion: 138 Resp: 564112
Ion Ratio Lower Upper
138 100
92 48.3 32.8 72.8
108 71.0 55.7 95.7





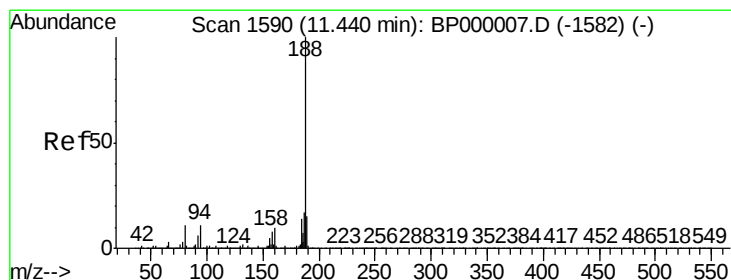
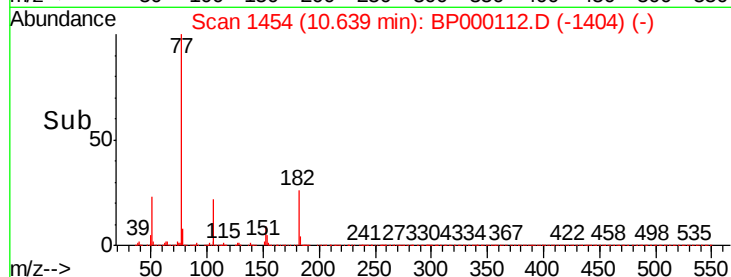
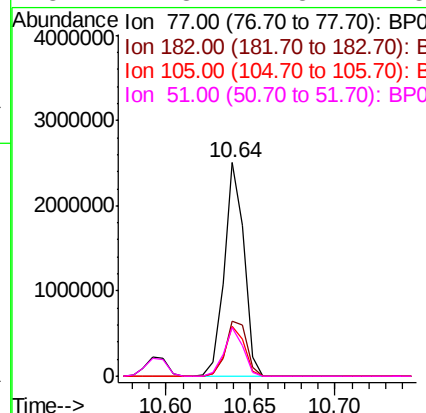
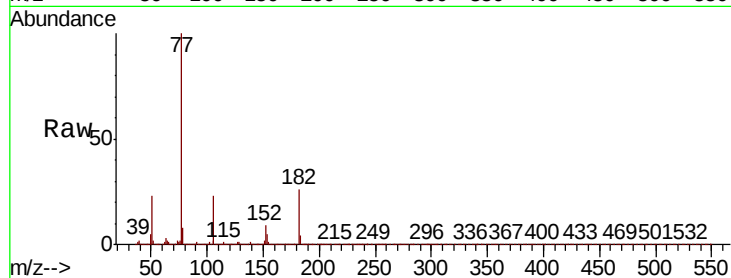
#63
Azobenzene
Concen: 35.905 ng
RT: 10.64 min Scan# 1454
Delta R.T. -0.01 min
Lab File: BP000112.D
Acq: 09 Sep 2019 00:43

Instrument :
BNA_P
ClientSampleId :
WS-SB09-COMPMSD

Tot Ion	Ratio	Lower	Upper
77	100		
182	25.6	2.6	42.6
105	23.1	2.3	42.3
51	22.8	4.5	44.5

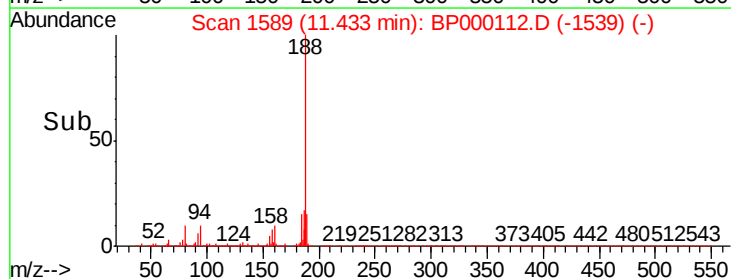
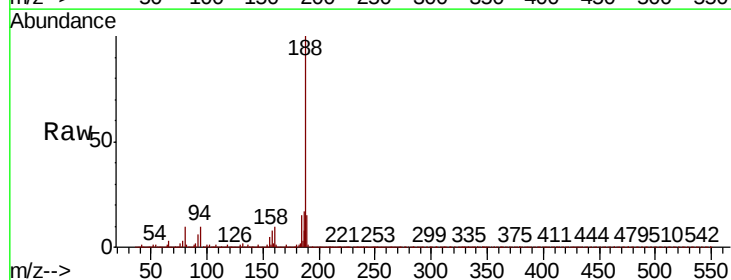
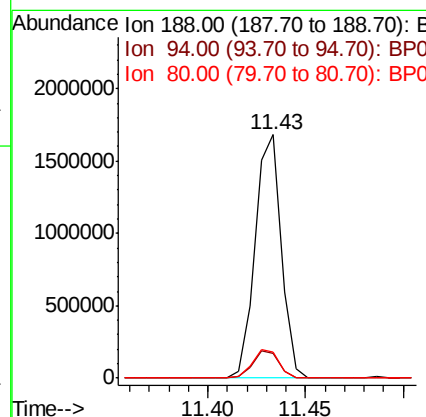
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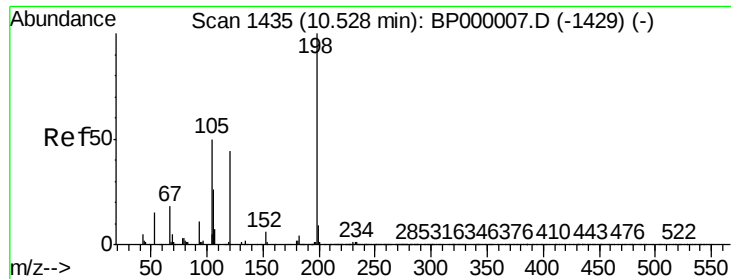
mohammad
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.43 min Scan# 1589
Delta R.T. -0.01 min
Lab File: BP000112.D
Acq: 09 Sep 2019 00:43

Tgt Ion	Ratio	Lower	Upper
188	100		
94	10.1	8.8	13.2
80	10.5	9.0	13.6





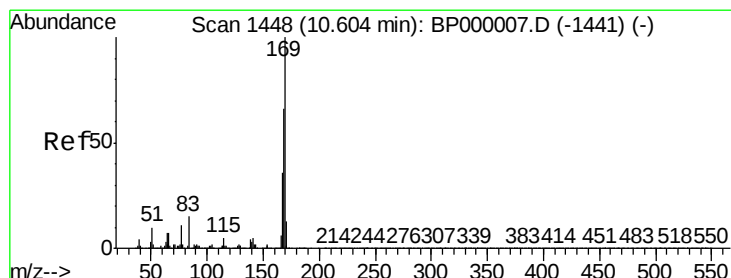
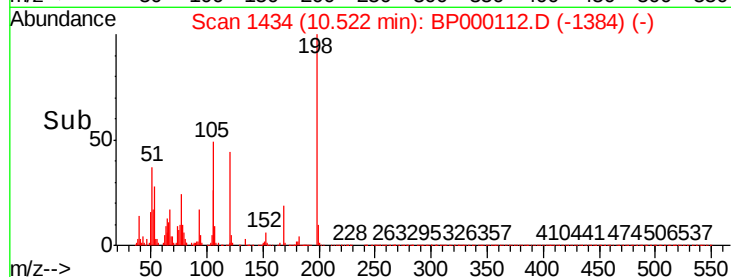
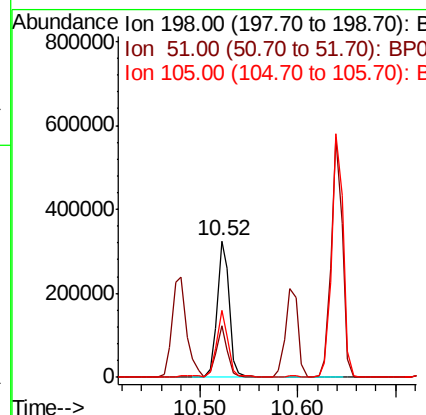
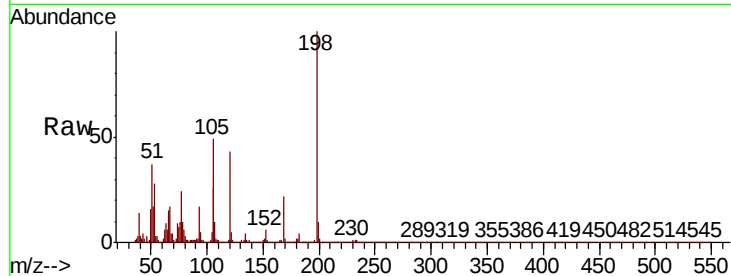
#65
4,6-Dinitro-2-methylphenol
Concen: 46.587 ng
RT: 10.52 min Scan# 1434
Delta R.T. -0.01 min
Lab File: BP000112.D
Acq: 09 Sep 2019 00:43

Instrument :
BNA_P
ClientSampleId :
WS-SB09-COMPMSD

Tot Ion	Ratio	Resp	Lower	Upper
198	100	277806		
51	37.3		22.1	62.1
105	48.9		32.0	72.0

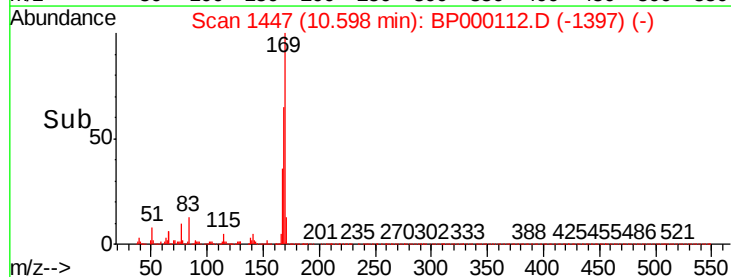
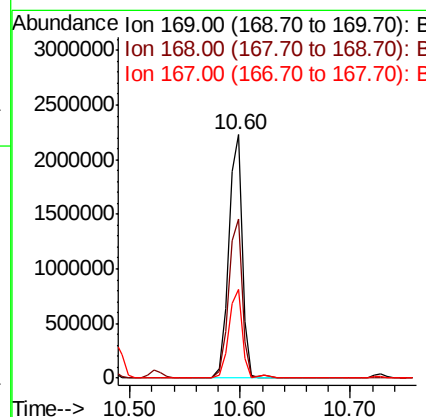
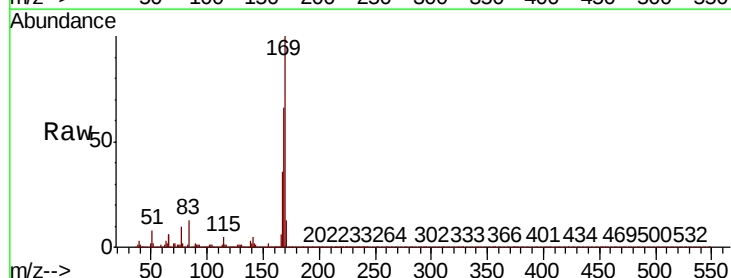
Manual Integrations
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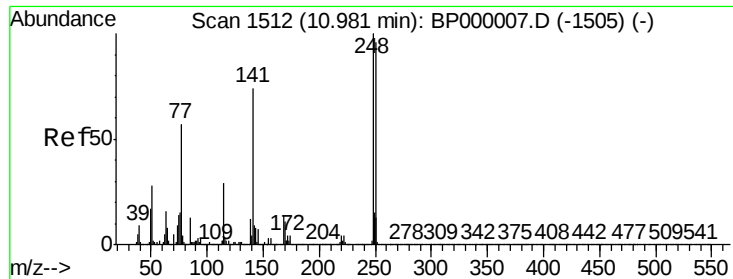
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#66
n-Nitrosodiphenylamine
Concen: 41.191 ng
RT: 10.60 min Scan# 1447
Delta R.T. -0.01 min
Lab File: BP000112.D
Acq: 09 Sep 2019 00:43

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	1907338		
168	65.5		52.9	79.3
167	36.4		29.2	43.8





#67

4-Bromophenyl-phenylether

Concen: 40.156 ng

RT: 10.97 min Scan# 1511

Delta R.T. -0.01 min

Lab File: BP000112.D

Acq: 09 Sep 2019 00:43

Instrument :

BNA_P

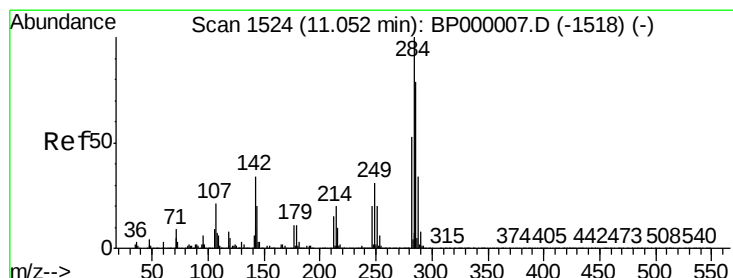
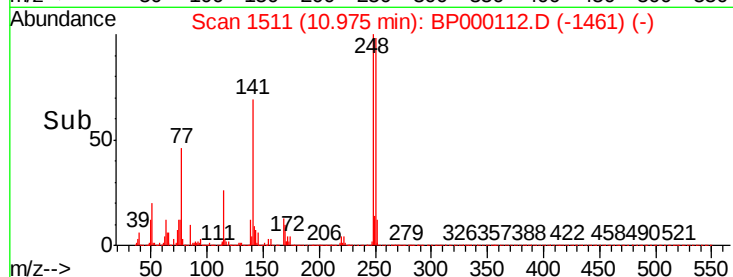
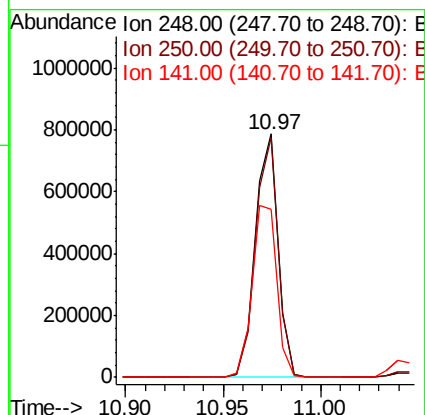
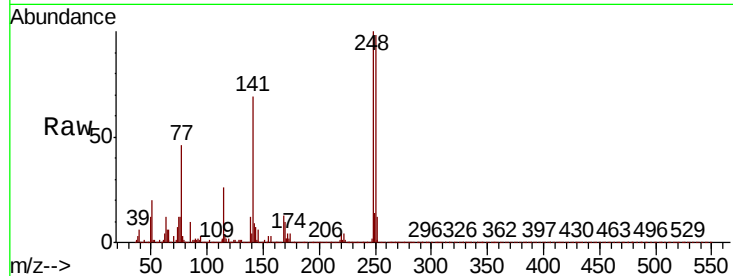
ClientSampleId :

WS-SB09-COMPMSD

Tot Ion:	248	Resp:	636057
Ion Ratio	Lower	Upper	
248	100		
250	98.5	77.1	115.7
141	68.9	59.5	89.3

Manual Integrations
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#68

Hexachlorobenzene

Concen: 39.552 ng

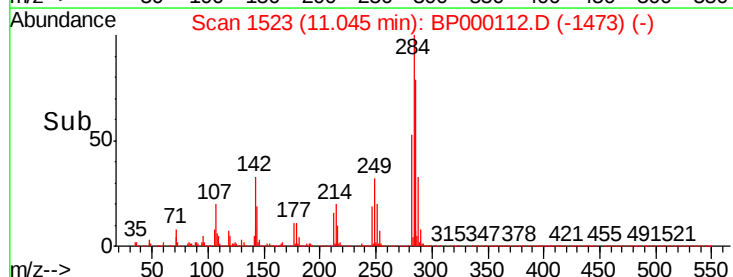
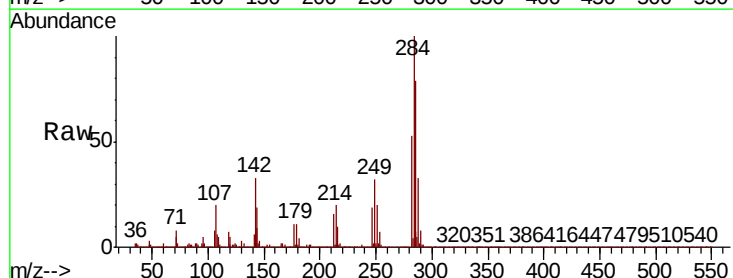
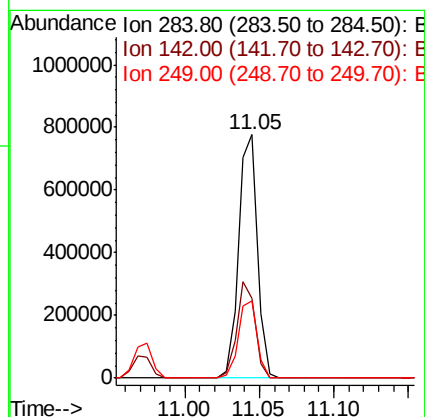
RT: 11.05 min Scan# 1523

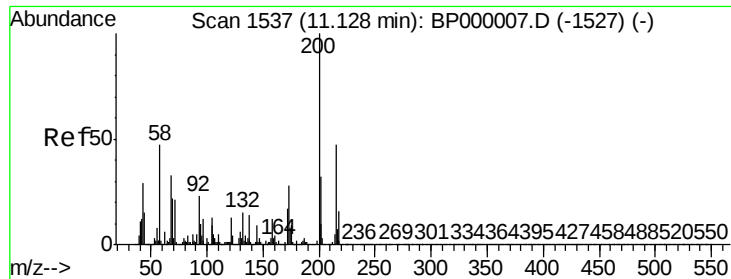
Delta R.T. -0.01 min

Lab File: BP000112.D

Acq: 09 Sep 2019 00:43

Tgt Ion:	284	Resp:	682622
Ion Ratio	Lower	Upper	
284	100		
142	32.7	27.0	40.4
249	31.8	24.9	37.3





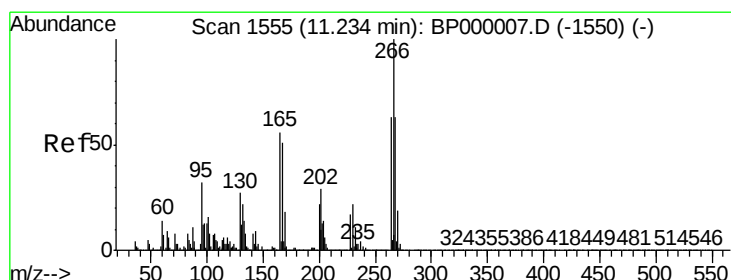
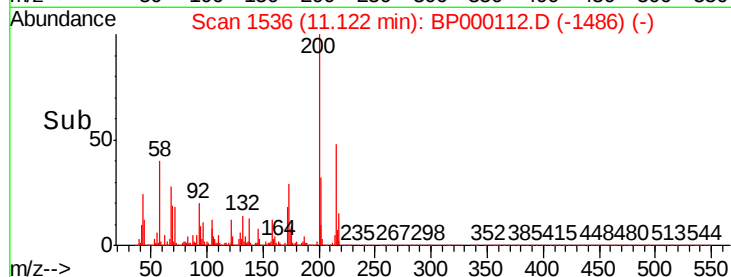
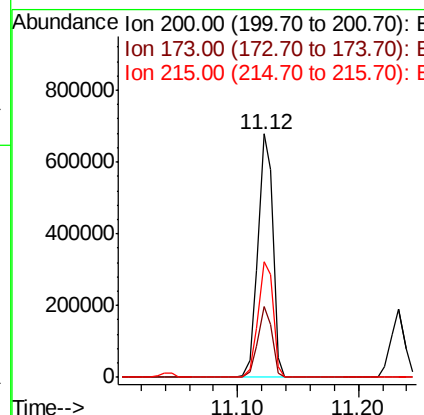
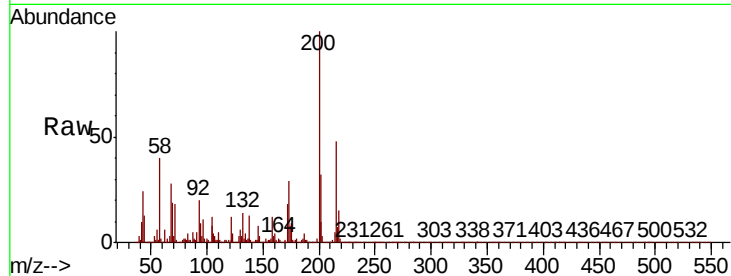
#69
Atrazine
Concen: 48.773 ng
RT: 11.12 min Scan# 1536
Delta R.T. -0.01 min
Lab File: BP000112.D
Acq: 09 Sep 2019 00:43

Instrument :
BNA_P
ClientSampleId :
WS-SB09-COMPMSD

Tot Ion	Ratio	Resp Lower	Upper
200	100		
173	28.9	8.1	48.1
215	47.6	26.7	66.7

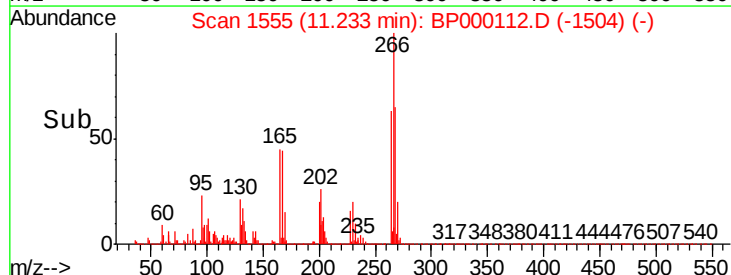
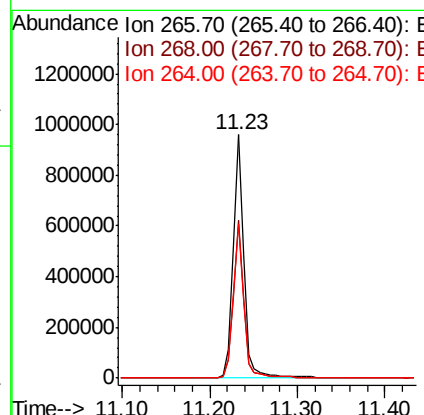
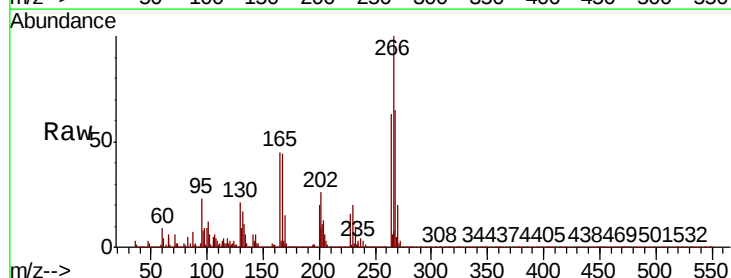
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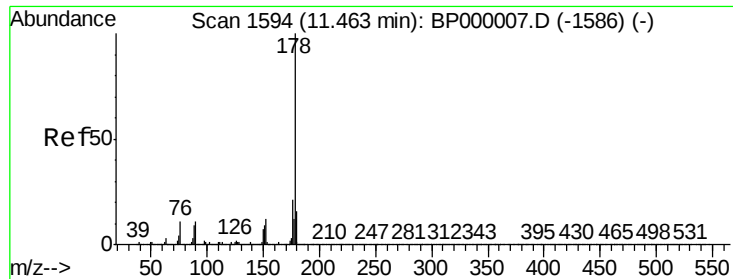
mohammad
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#70
Pentachlorophenol
Concen: 88.622 ng
RT: 11.23 min Scan# 1555
Delta R.T. -0.00 min
Lab File: BP000112.D
Acq: 09 Sep 2019 00:43

Tgt Ion	Ratio	Resp Lower	Upper
266	100		
268	64.7	50.1	75.1
264	63.5	50.6	76.0





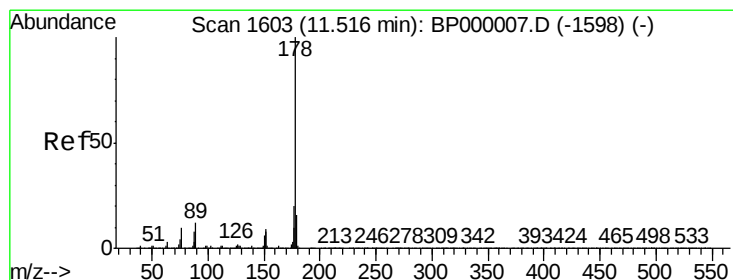
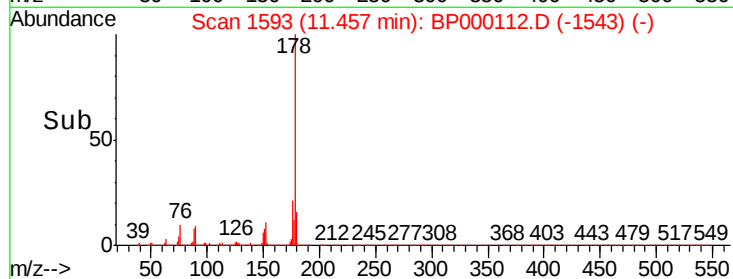
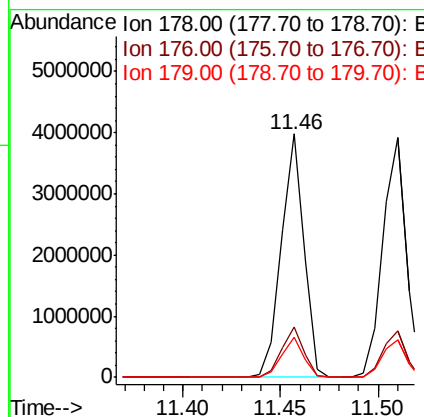
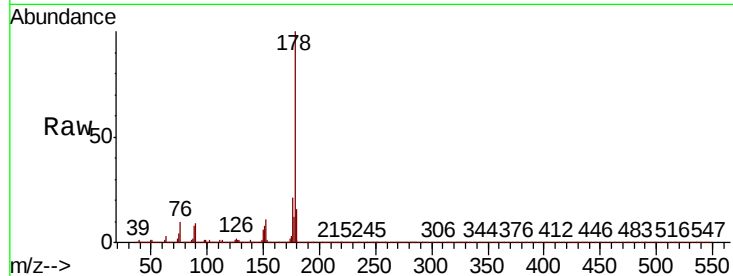
#71
Phenanthrene
Concen: 40.953 ng
RT: 11.46 min Scan# 1593
Delta R.T. -0.01 min
Lab File: BP000112.D
Acq: 09 Sep 2019 00:43

Instrument :
BNA_P
ClientSampleId :
WS-SB09-COMPMSD

Tot Ion	Ratio	Lower	Upper
178	100		
176	20.7	16.7	25.1
179	16.4	13.1	19.7

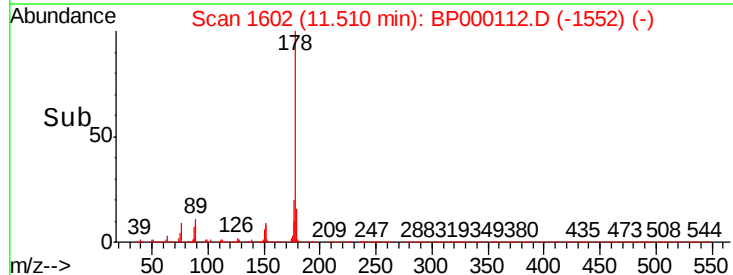
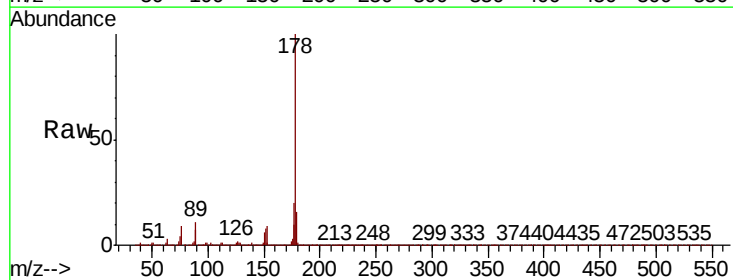
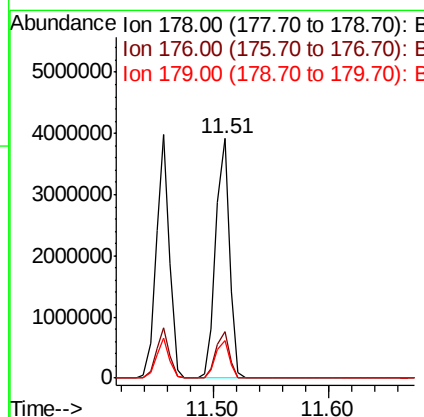
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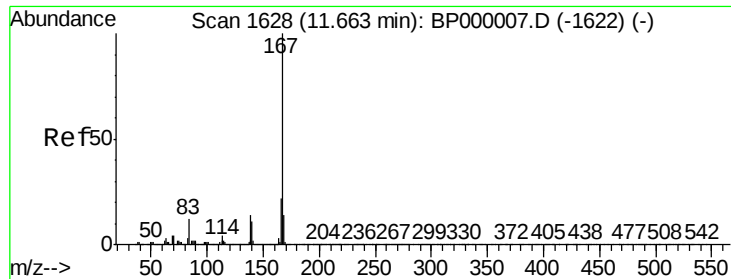
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#72
Anthracene
Concen: 42.257 ng
RT: 11.51 min Scan# 1602
Delta R.T. -0.01 min
Lab File: BP000112.D
Acq: 09 Sep 2019 00:43

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.6	15.9	23.9
179	15.8	13.0	19.6





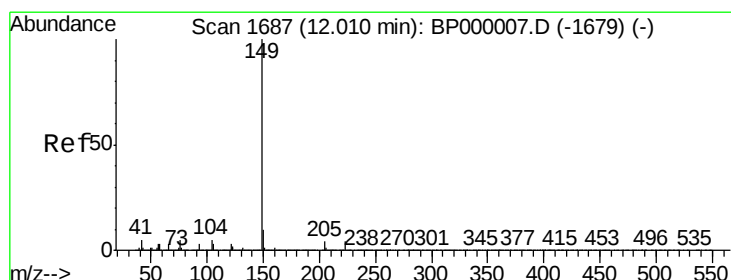
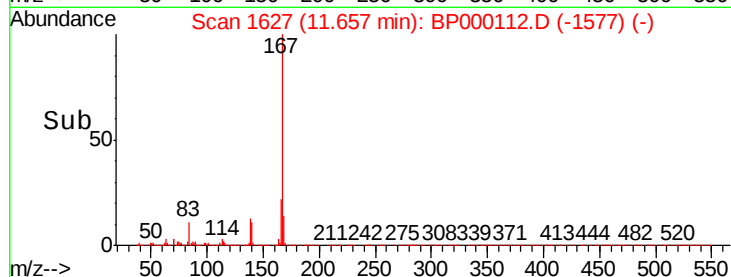
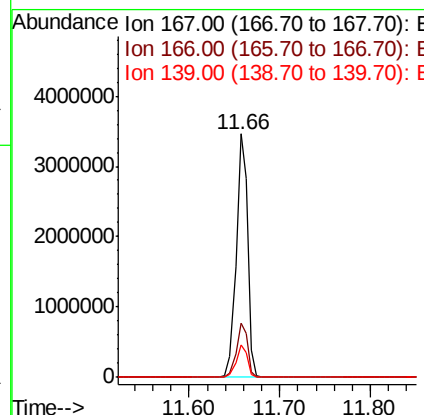
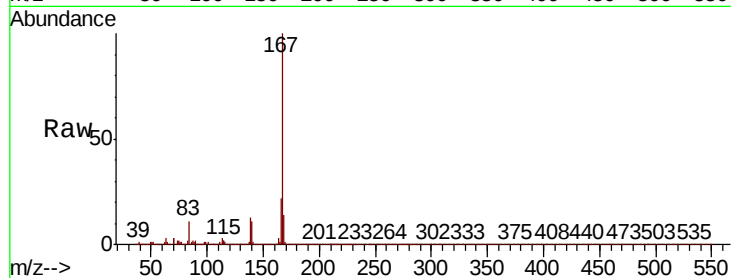
#73
 Carbazole
 Concen: 42.054 ng
 RT: 11.66 min Scan# 1627
 Delta R.T. -0.01 min
 Lab File: BP000112.D
 Acq: 09 Sep 2019 00:43

Instrument :
 BNA_P
 ClientSampleId :
 WS-SB09-COMPMSD

Tot Ion	Ratio	Lower	Upper
167	100		
166	22.4	17.9	26.9
139	13.4	11.4	17.2

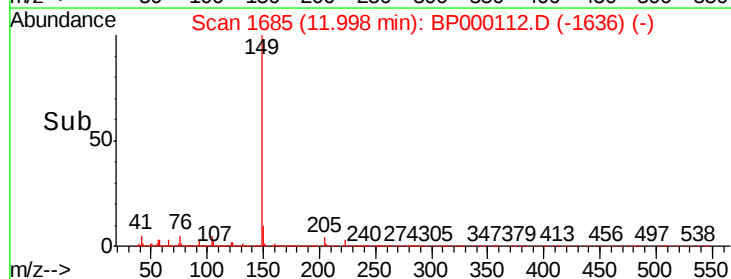
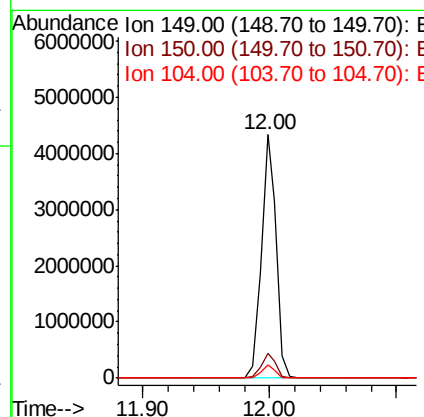
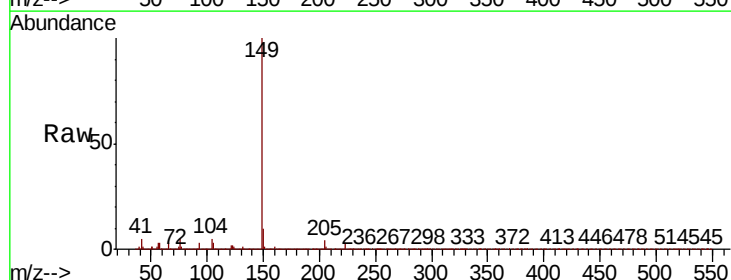
Manual Integrations
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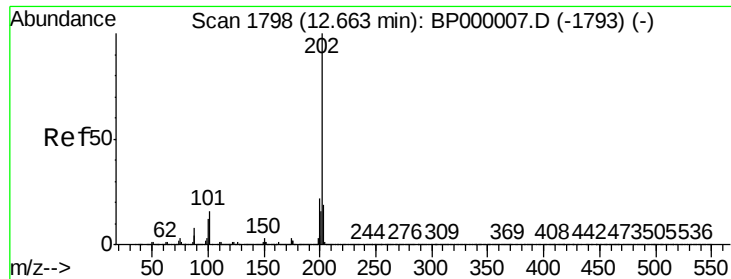
mohammad
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#74
 Di-n-butylphthalate
 Concen: 40.223 ng
 RT: 12.00 min Scan# 1685
 Delta R.T. -0.01 min
 Lab File: BP000112.D
 Acq: 09 Sep 2019 00:43

Tgt Ion	Ratio	Lower	Upper
149	100		
150	10.1	8.0	12.0
104	5.4	4.4	6.6





#75

Fluoranthene

Concen: 43.350 ng

RT: 12.66 min Scan# 1797

Delta R.T. -0.01 min

Lab File: BP000112.D

Acq: 09 Sep 2019 00:43

Instrument :

BNA_P

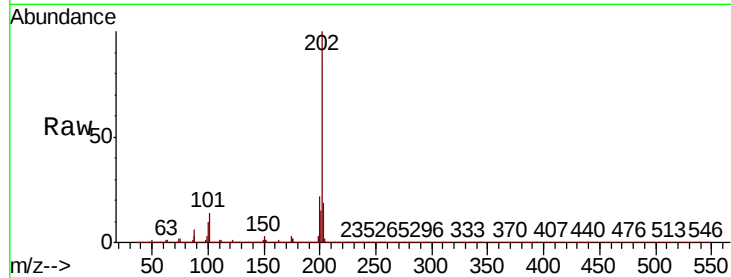
ClientSampleId :

WS-SB09-COMPMSD

Tot Ion:	202	Resp:	3659495
Ion Ratio	Lower	Upper	
202	100		
101	13.6	0.0	36.4
203	18.8	0.0	38.7

Manual Integrations
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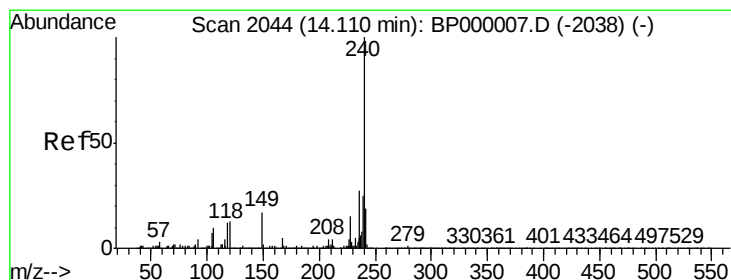
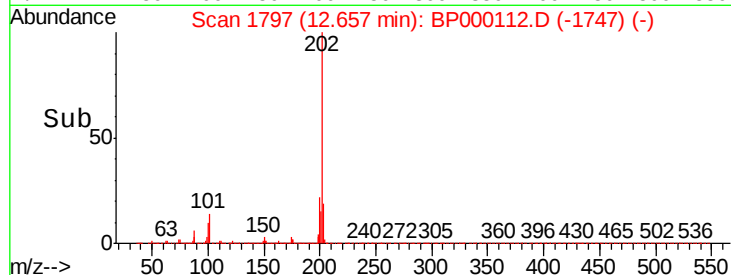
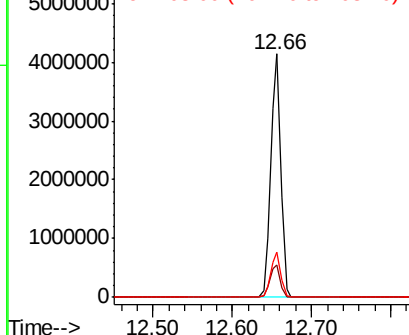


Abundance

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# 2042

Delta R.T. -0.01 min

Lab File: BP000112.D

Acq: 09 Sep 2019 00:43

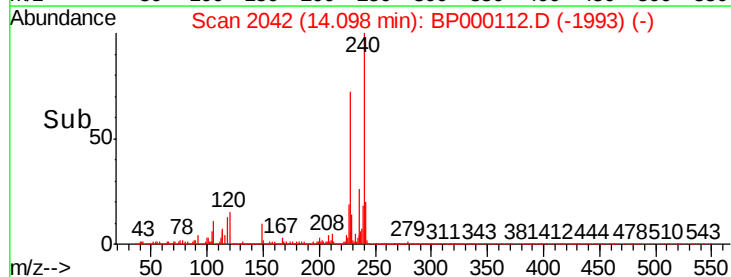
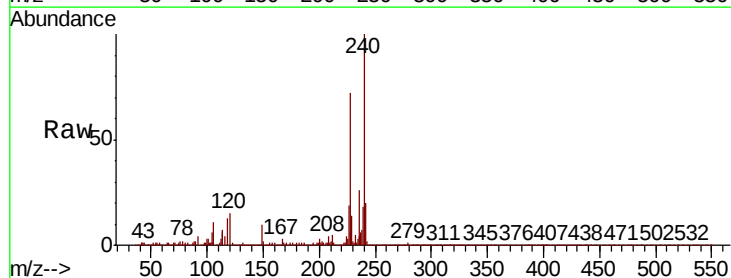
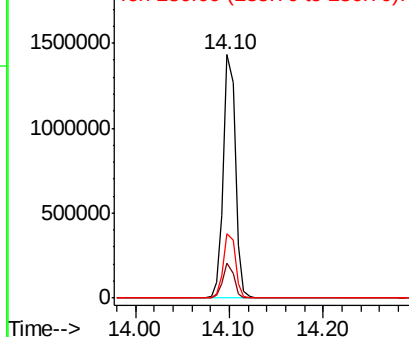
Tgt Ion:	240	Resp:	1292424
Ion Ratio	Lower	Upper	
240	100		
120	14.6	10.5	15.7
236	26.3	21.5	32.3

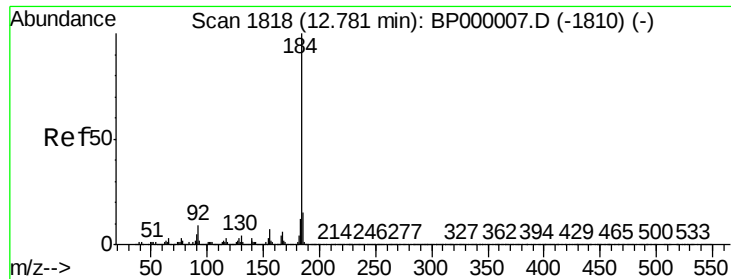
Abundance

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: 39.130 ng

RT: 12.77 min Scan# 1817

Delta R.T. -0.01 min

Lab File: BP000112.D

Acq: 09 Sep 2019 00:43

Instrument :

BNA_P

ClientSampleId :

WS-SB09-COMPMSD

Tot Ion:184 Resp: 1744850

Ion Ratio Lower Upper

184 100

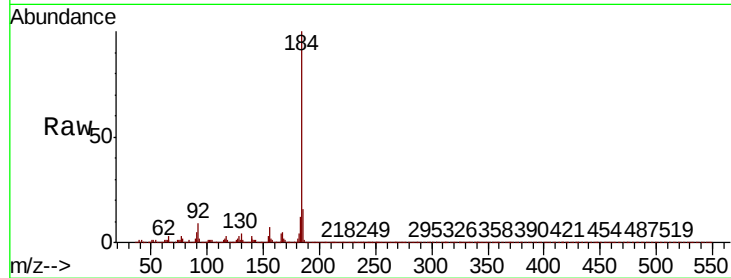
185 16.3 11.8 17.8

183 12.1 9.4 14.0

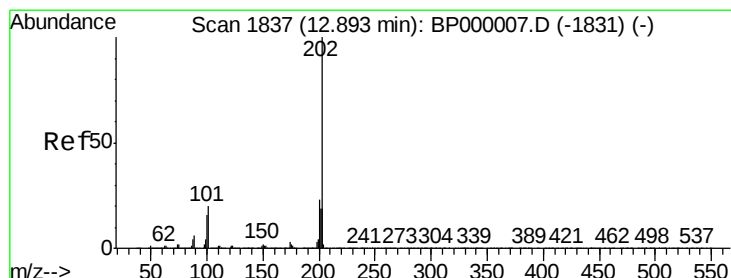
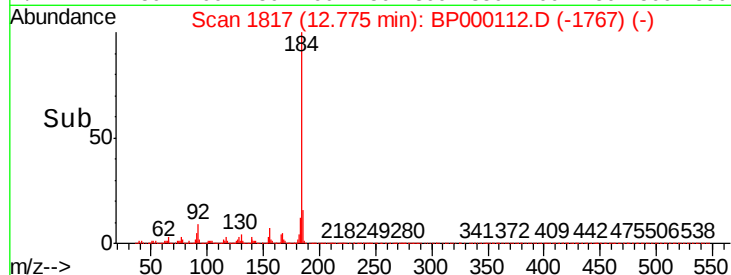
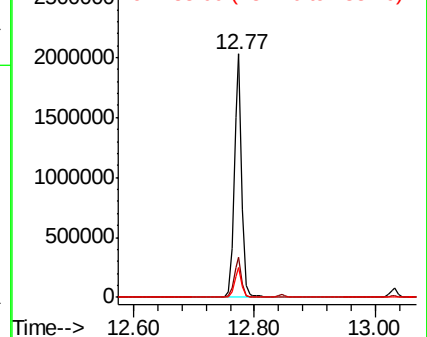
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Abundance Ion 184.00 (183.70 to 184.70): E
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 38.177 ng

RT: 12.89 min Scan# 1836

Delta R.T. -0.01 min

Lab File: BP000112.D

Acq: 09 Sep 2019 00:43

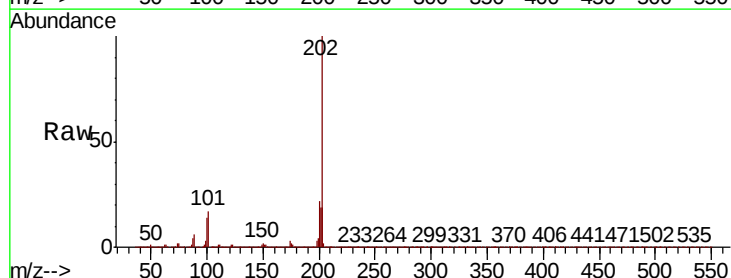
Tgt Ion:202 Resp: 3629810

Ion Ratio Lower Upper

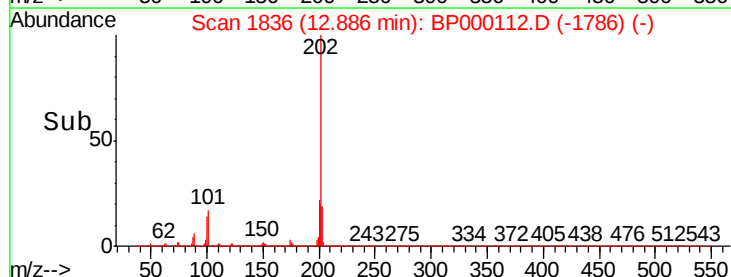
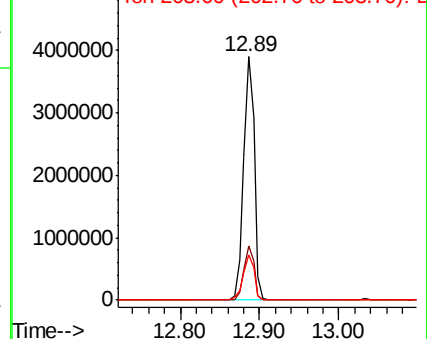
202 100

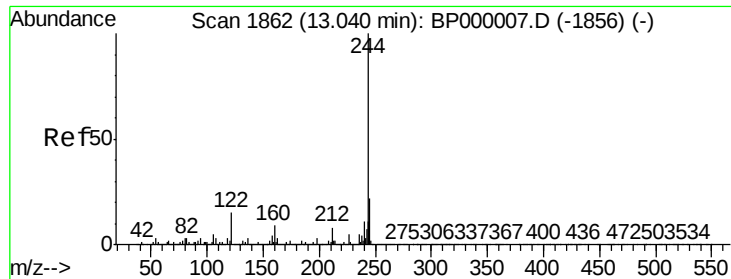
200 22.4 18.5 27.7

203 18.7 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





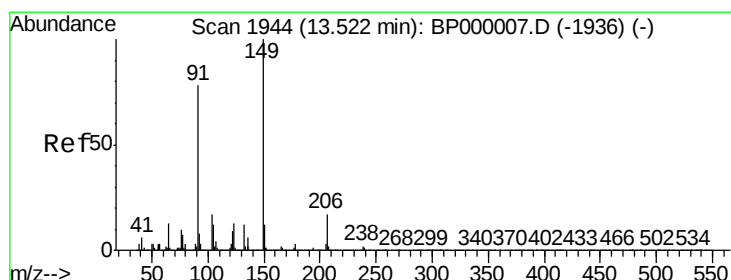
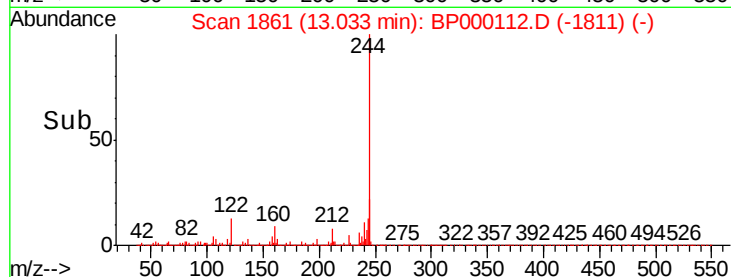
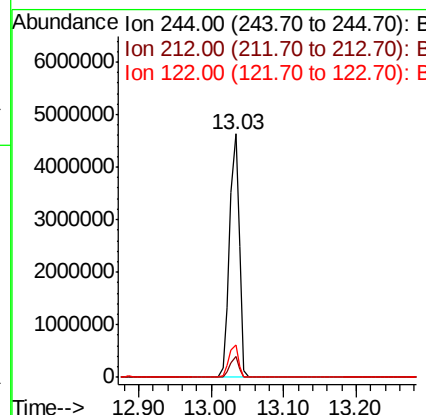
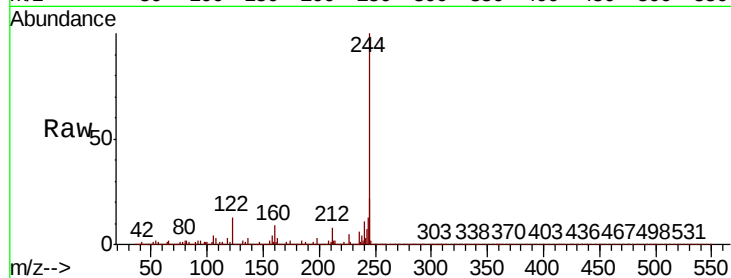
#79
Terphenyl-d14
Concen: 73.650 ng
RT: 13.03 min Scan# 1861
Delta R.T. -0.01 min
Lab File: BP000112.D
Acq: 09 Sep 2019 00:43

Instrument :
BNA_P
ClientSampleId :
WS-SB09-COMPMSD

Tot Ion	Ratio	Lower	Upper
244	100		
212	8.5	6.6	10.0
122	13.2	12.3	18.5

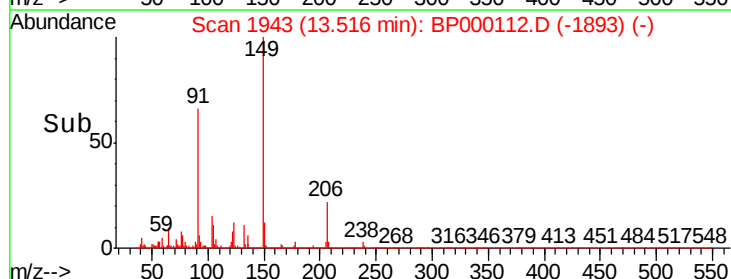
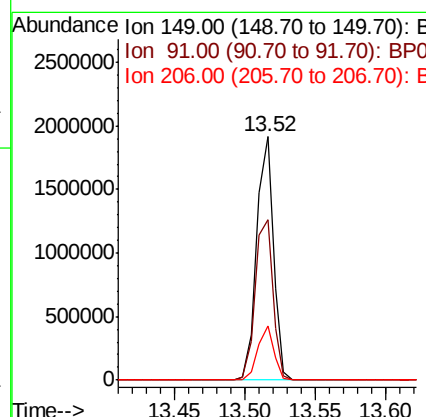
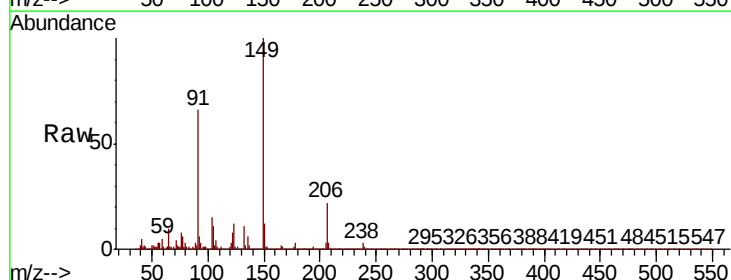
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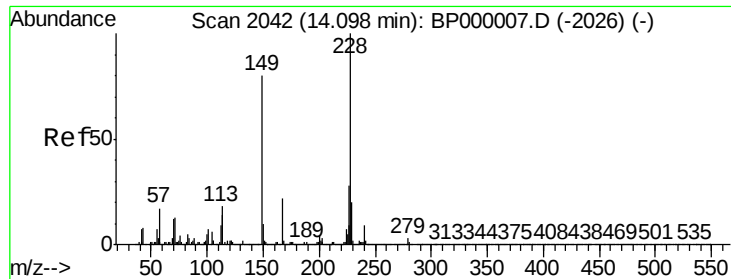
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#80
Butylbenzylphthalate
Concen: 38.046 ng
RT: 13.52 min Scan# 1943
Delta R.T. -0.01 min
Lab File: BP000112.D
Acq: 09 Sep 2019 00:43

Tgt Ion	Ratio	Lower	Upper
149	100		
91	65.9	62.7	94.1
206	22.1	13.8	20.6





#81

Benzo(a)anthracene

Concen: 38.328 ng

RT: 14.09 min Scan# 2040

Delta R.T. -0.01 min

Lab File: BP000112.D

Acq: 09 Sep 2019 00:43

Instrument :

BNA_P

ClientSampleId :

WS-SB09-COMPMSD

Tot Ion:228 Resp: 3209939

Ion Ratio Lower Upper

228 100

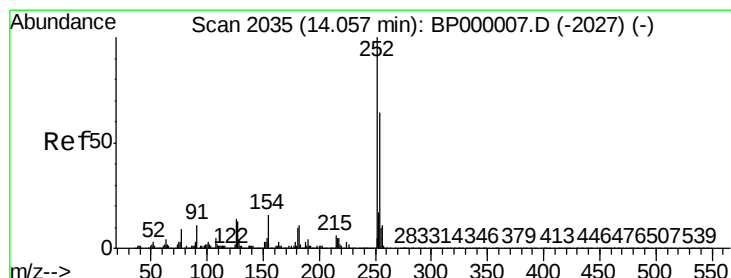
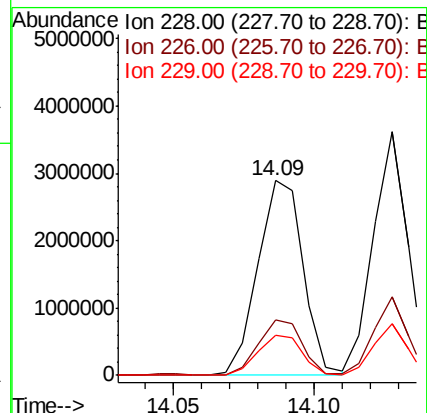
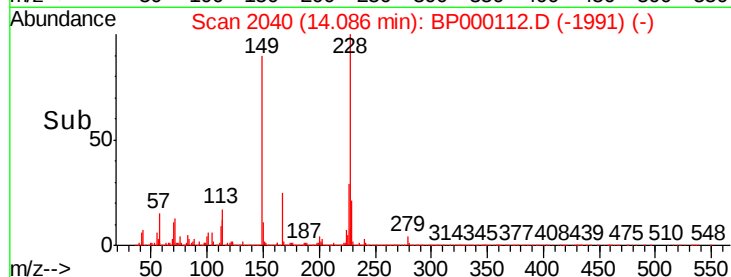
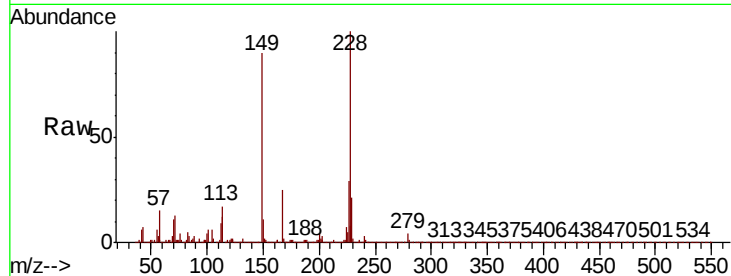
226 28.6 22.5 33.7

229 20.8 16.2 24.2

Manual Integrations
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#82

3,3'-Dichlorobenzidine

Concen: 38.568 ng

RT: 14.05 min Scan# 2034

Delta R.T. -0.01 min

Lab File: BP000112.D

Acq: 09 Sep 2019 00:43

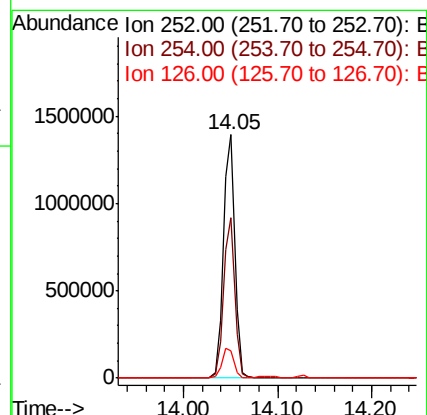
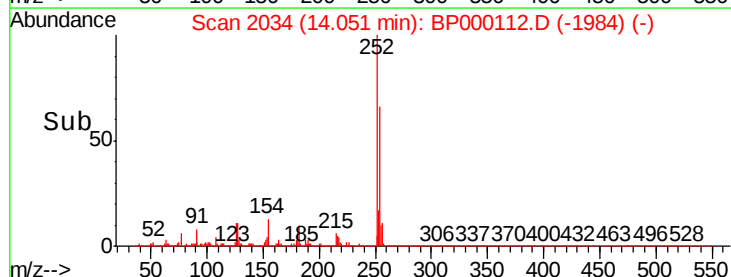
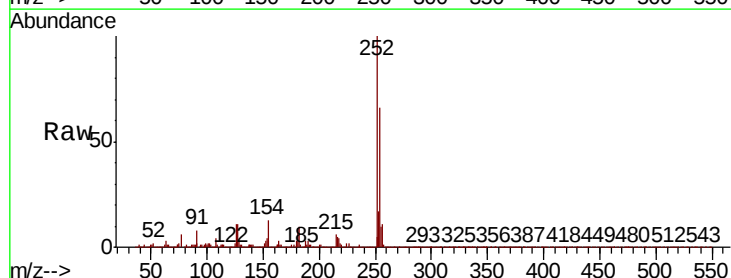
Tgt Ion:252 Resp: 1191584

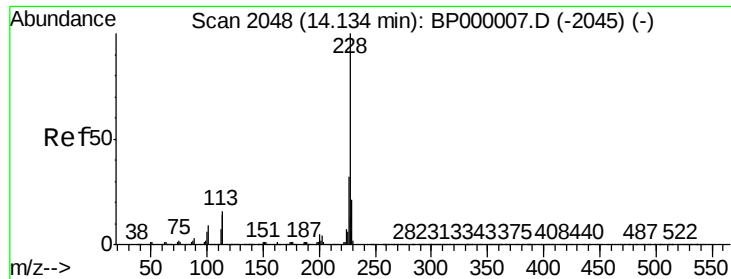
Ion Ratio Lower Upper

252 100

254 65.7 51.4 77.0

126 11.1 11.1 16.7#





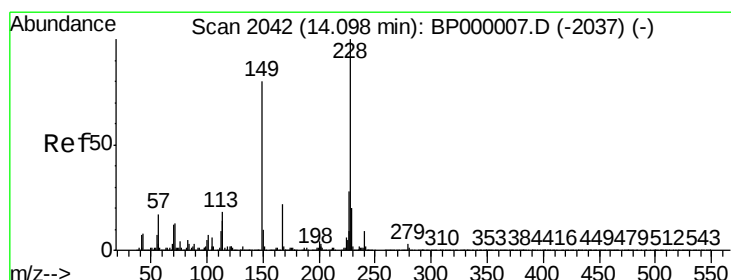
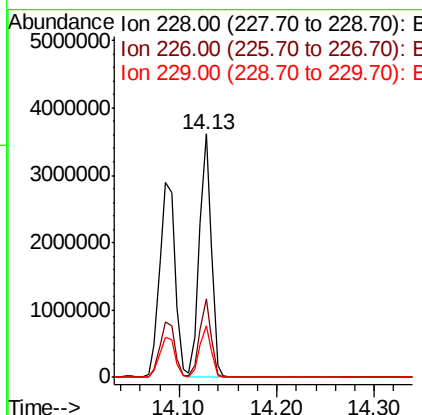
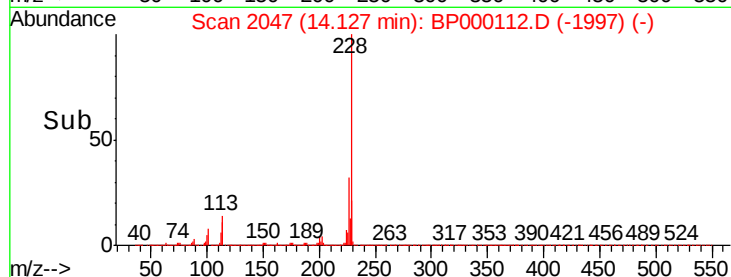
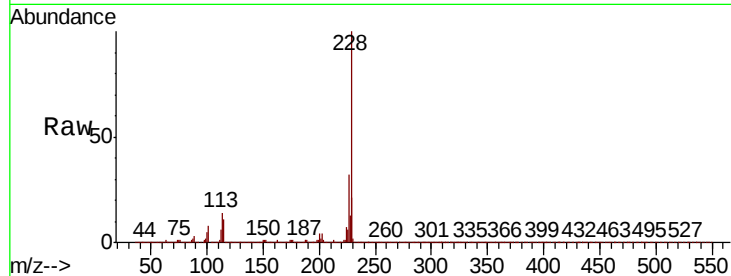
#83
 Chrvsene
 Concen: 38.476 ng
 RT: 14.13 min Scan# 2047
 Delta R.T. -0.01 min
 Lab File: BP000112.D
 Acq: 09 Sep 2019 00:43

Instrument :
 BNA_P
 ClientSampleId :
 WS-SB09-COMPMSD

Tot Ion	Ratio	Lower	Upper
228	100		
226	32.1	25.5	38.3
229	21.1	16.5	24.7

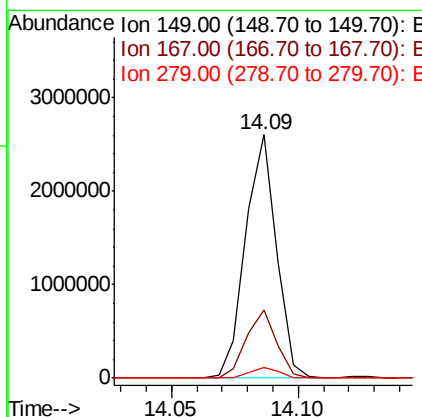
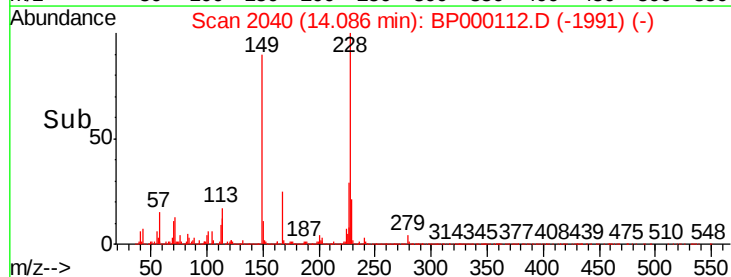
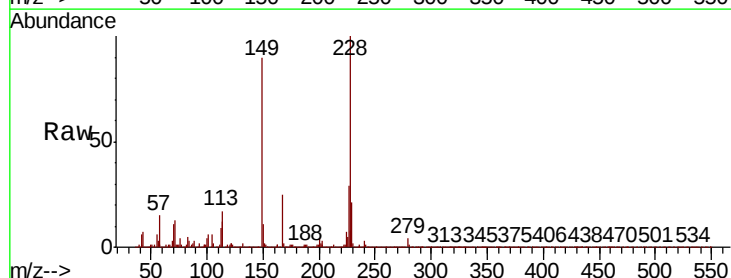
Manual Integrations
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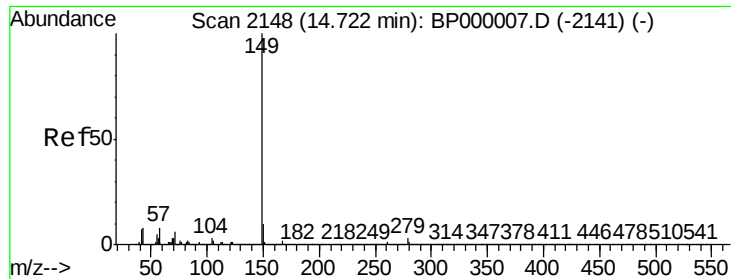
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#84
 Bis(2-ethylhexyl)phthalate
 Concen: 39.976 ng
 RT: 14.09 min Scan# 2040
 Delta R.T. -0.01 min
 Lab File: BP000112.D
 Acq: 09 Sep 2019 00:43

Tgt Ion	Ratio	Lower	Upper
149	100		
167	27.9	22.4	33.6
279	4.2	3.1	4.7





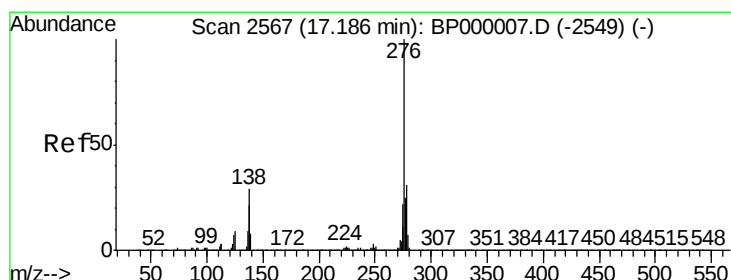
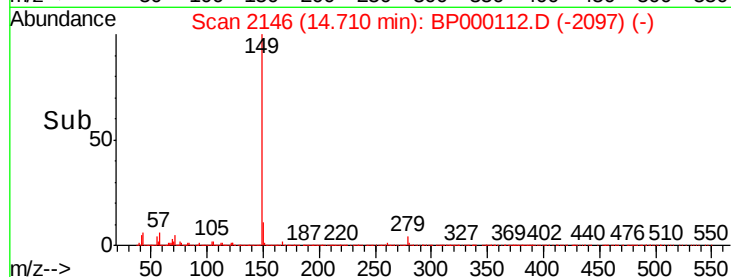
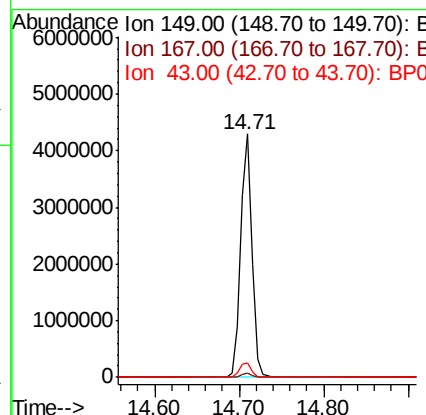
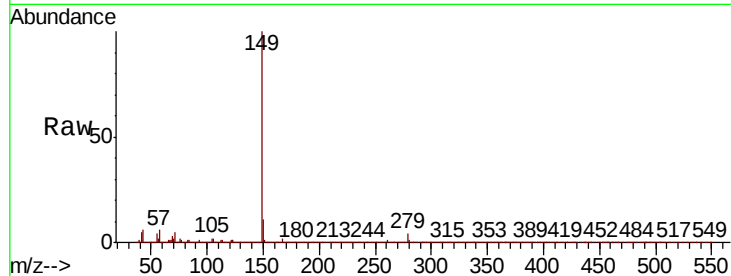
#85
Di-n-octyl phthalate
Concen: 39.845 ng
RT: 14.71 min Scan# 2146
Delta R.T. -0.01 min
Lab File: BP000112.D
Acq: 09 Sep 2019 00:43

Instrument :
BNA_P
ClientSampleId :
WS-SB09-COMPMSD

Tot Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.3	1.9
43	6.4	6.5	9.7#

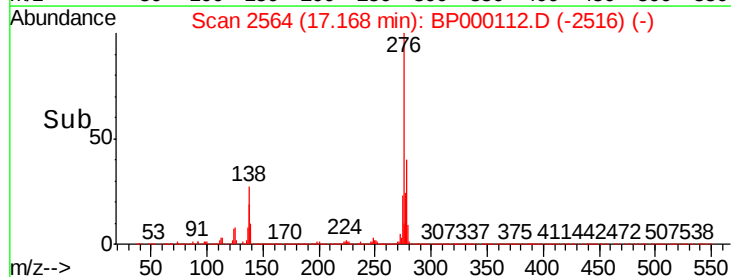
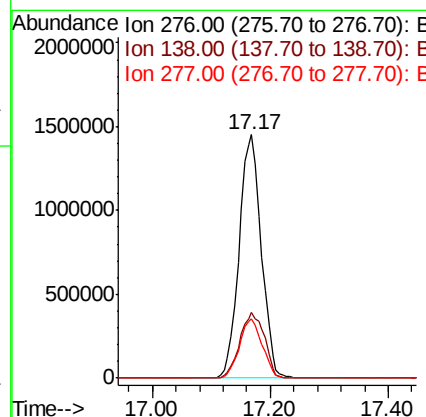
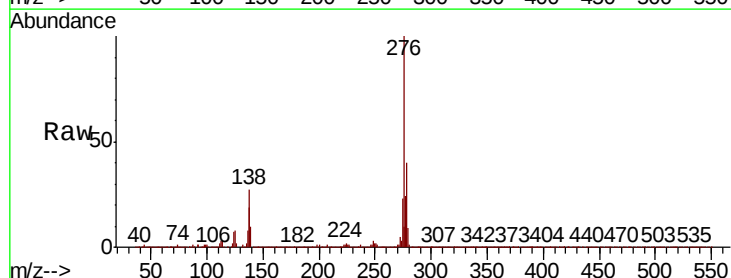
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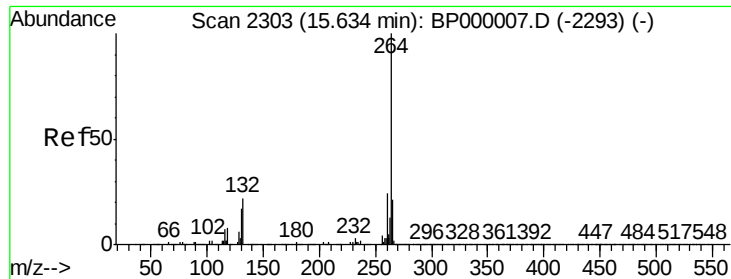
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#86
Indeno(1,2,3-cd)pyrene
Concen: 38.263 ng
RT: 17.17 min Scan# 2564
Delta R.T. -0.02 min
Lab File: BP000112.D
Acq: 09 Sep 2019 00:43

Tgt Ion	Ratio	Lower	Upper
276	100		
138	29.9	26.5	39.7
277	25.3	20.3	30.5





#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.62 min Scan# 2300
Delta R.T. -0.02 min
Lab File: BP000112.D
Acq: 09 Sep 2019 00:43

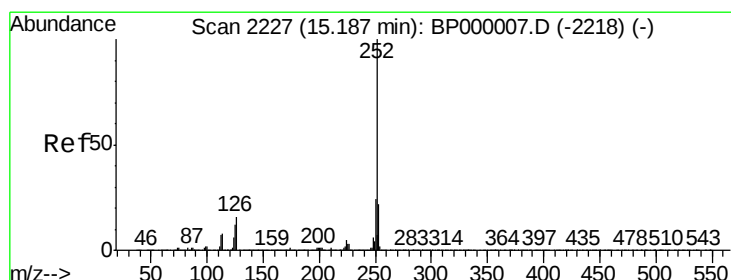
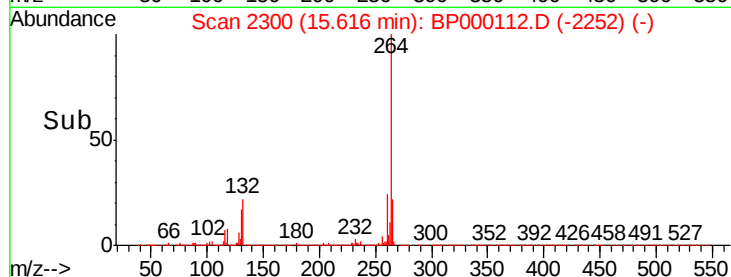
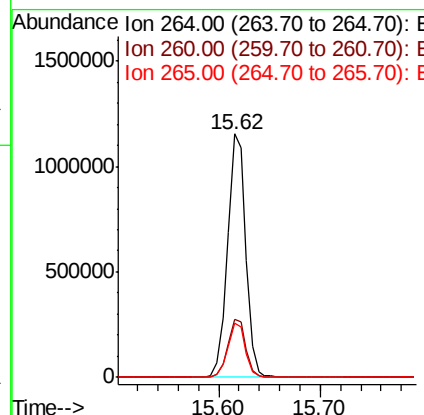
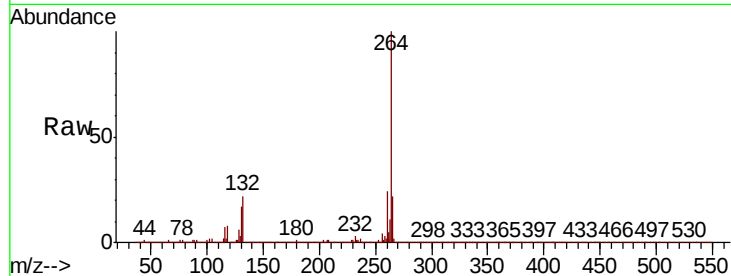
Instrument :
BNA_P
ClientSampleId :
WS-SB09-COMPMSD

Tot Ion:264 Resp: 1431726

Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.1	28.7
265	22.0	17.1	25.7

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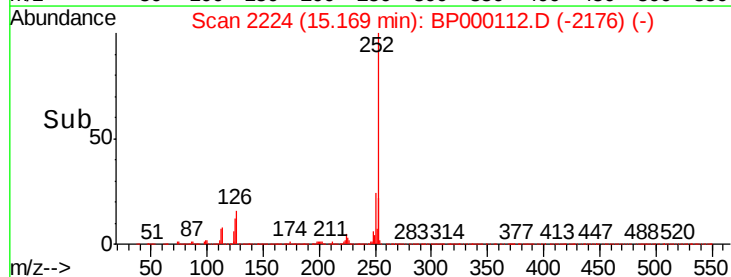
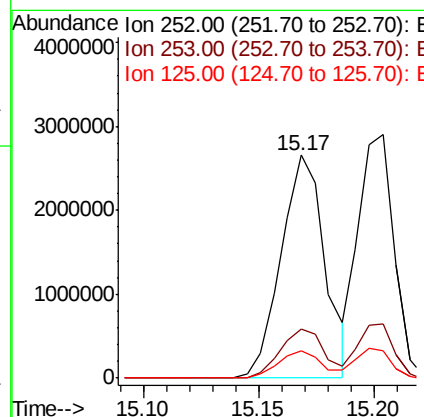
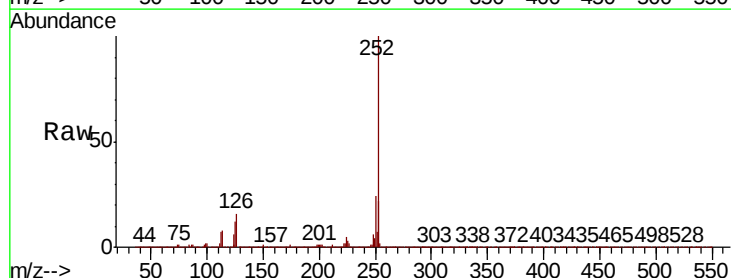
mohammad
9/10/2019 2:51:14 PM

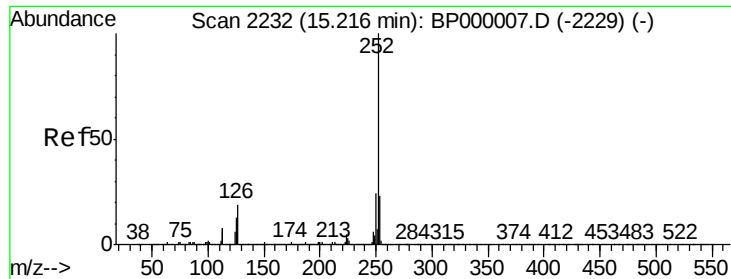


#88
Benzo(b)fluoranthene
Concen: 40.057 ng
RT: 15.17 min Scan# 2224
Delta R.T. -0.02 min
Lab File: BP000112.D
Acq: 09 Sep 2019 00:43

Tgt Ion:252 Resp: 3503053

Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.8	26.6
125	12.3	9.4	14.2





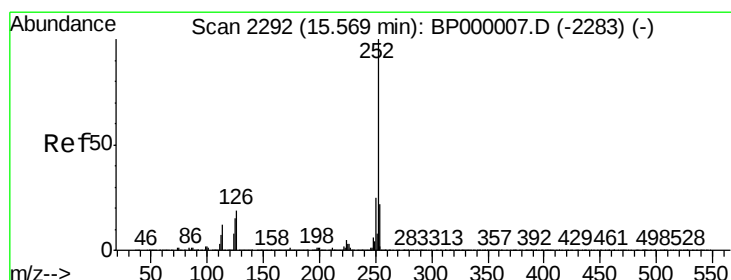
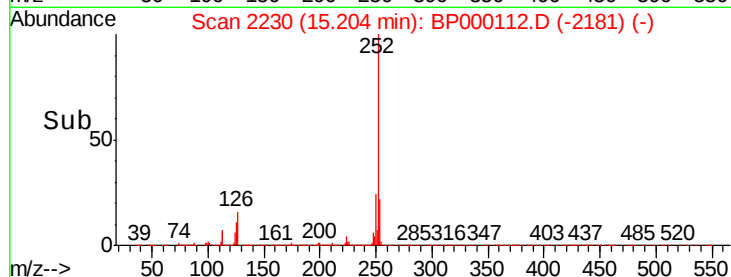
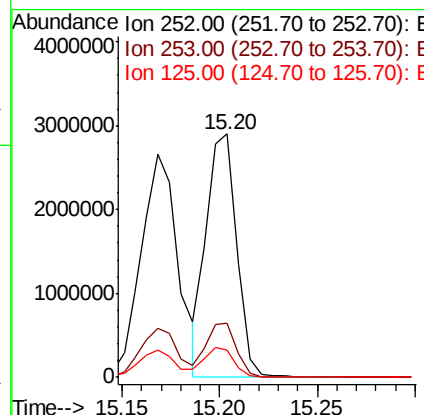
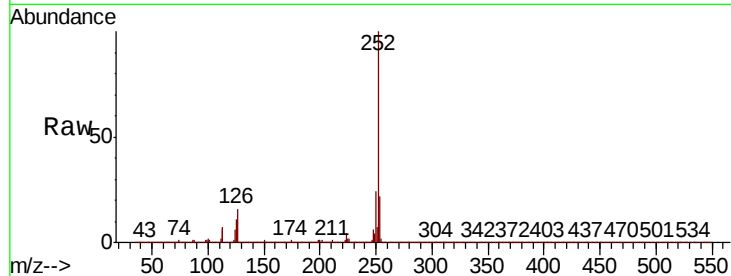
#89
Benzo(k)fluoranthene
Concen: 38.988 ng
RT: 15.20 min Scan# 2230
Delta R.T. -0.01 min
Lab File: BP000112.D
Acq: 09 Sep 2019 00:43

Instrument :
BNA_P
ClientSampleId :
WS-SB09-COMPMSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.1	18.0	27.0
125	11.0	10.3	15.5

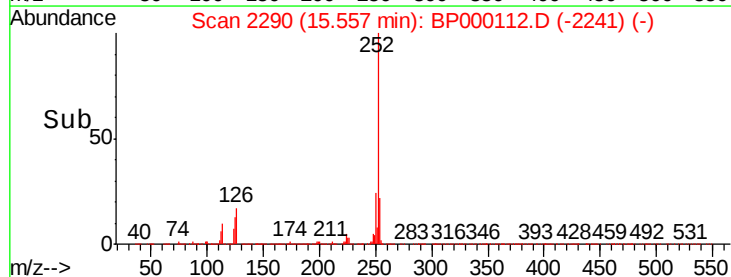
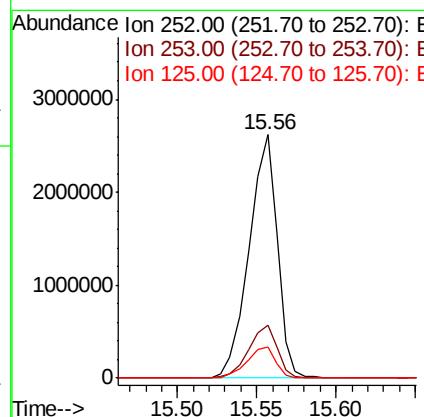
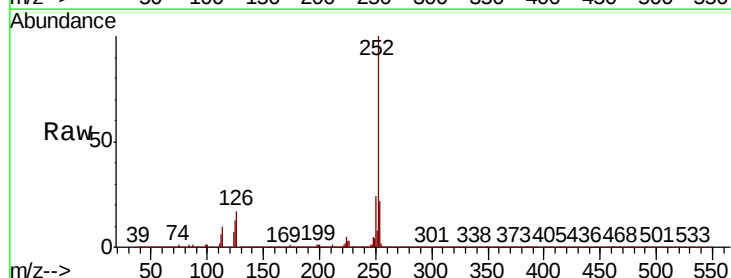
Manual Integrations
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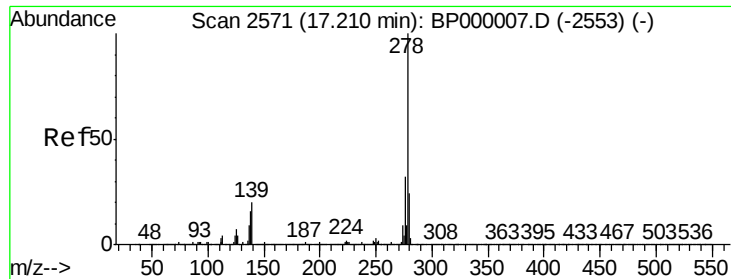
mohammad
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#90
Benzo(a)pyrene
Concen: 41.025 ng
RT: 15.56 min Scan# 2290
Delta R.T. -0.01 min
Lab File: BP000112.D
Acq: 09 Sep 2019 00:43

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.5	26.3
125	12.7	11.7	17.5





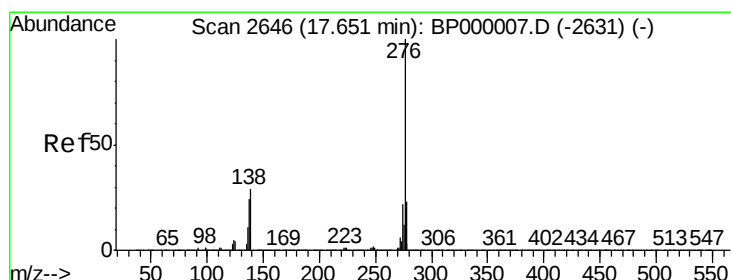
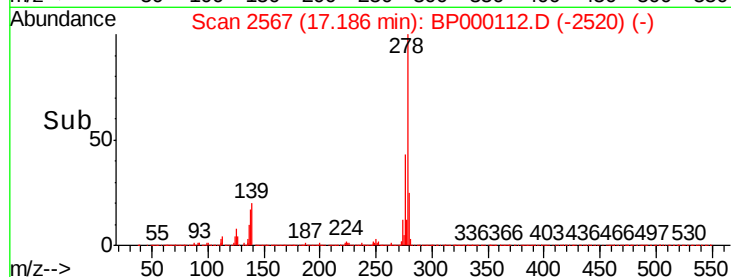
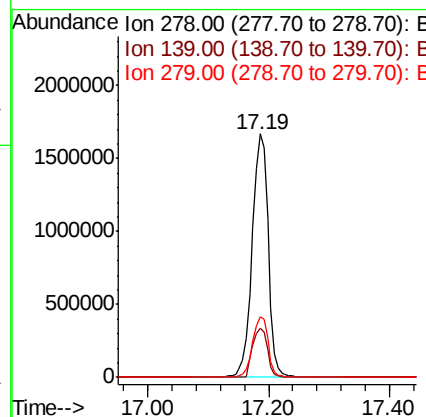
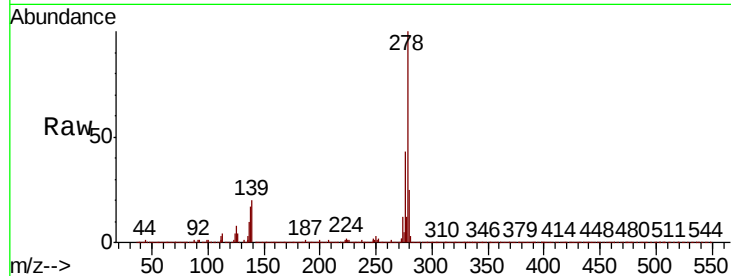
#91
Dibenzo(a,h)anthracene
Concen: 38.732 ng
RT: 17.19 min Scan# 2567
Delta R.T. -0.02 min
Lab File: BP000112.D
Acq: 09 Sep 2019 00:43

Instrument :
BNA_P
ClientSampleId :
WS-SB09-COMPMSD

Tot Ion	Ratio	Lower	Upper
278	100		
139	20.3	16.4	24.6
279	24.7	19.2	28.8

Manual Integrations
APPROVED

mohammad
9/10/2019 2:51:14 PM



#92
Benzo(g,h,i)perylene
Concen: 39.434 ng
RT: 17.63 min Scan# 2643
Delta R.T. -0.02 min
Lab File: BP000112.D
Acq: 09 Sep 2019 00:43

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.3	18.6	28.0
138	26.8	23.0	34.4

