

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP111519\
 Data File : BP001043.D
 Acq On : 15 Nov 2019 16:16
 Operator : JU
 Sample : K5670-08MS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 OK-03-111219MS

Manual Integrations
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11/18/2019 3:06:23 PM

Quant Time: Nov 18 10:03:20 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP110619.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 06 17:07:13 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.37	152	178891	20.00	ng	0.00
21) Naphthalene-d8	10.40	136	651157	20.00	ng	0.00
39) Acenaphthene-d10	13.26	164	231595	20.00	ng	-0.01
64) Phenanthrene-d10	15.65	188	766200	20.00	ng	0.00
76) Chrysene-d12	19.29	240	354945	20.00	ng	-0.01
87) Perylene-d12	21.06	264	7187	20.00	ng	-0.02

System Monitoring Compounds

5) 2-Fluorophenol	6.32	112	1354265	137.79	ng	0.02
7) Phenol-d6	7.82	99	1323120	106.46	ng	0.00
23) Nitrobenzene-d5	9.25	82	1107119	94.05	ng	0.00
42) 2,4,6-Tribromophenol	14.55	330	850724	307.71	ng	0.00
45) 2-Fluorobiphenyl	12.17	172	2435738	158.40	ng	-0.01
79) Terphenyl-d14	17.93	244	3458476	193.82	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.01	88	151953	35.559	ng	# 87
3) Pyridine	3.84	79	93824	8.304	ng	96
4) n-Nitrosodimethylamine	3.69	42	126965	32.244	ng	83
6) Aniline	7.98	93	468759	28.879	ng	# 57
8) 2-Chlorophenol	8.04	128	519823	49.877	ng	98
9) Benzaldehyde	7.68	77	207433	23.921	ng	98
10) Phenol	7.84	94	535715	39.408	ng	91
11) bis(2-Chloroethyl)ether	7.98	93	468759	44.295	ng	97
12) 1,3-Dichlorobenzene	8.28	146	510786	39.064	ng	99
13) 1,4-Dichlorobenzene	8.40	146	521526	39.598	ng	99
14) 1,2-Dichlorobenzene	8.63	146	508163	41.722	ng	99
15) Benzyl Alcohol	8.61	79	30941	3.267	ng	# 59
16) 2,2'-oxybis(1-Chloropropan	8.83	45	420467	38.045	ng	97
17) 2-Methylphenol	8.79	107	328593	37.135	ng	98
18) Hexachloroethane	9.17	117	188527	38.970	ng	100
19) n-Nitroso-di-n-propylamine	9.03	70	276921	37.107	ng	99
20) 3+4-Methylphenols	9.03	107	422027	38.444	ng	95
22) Acetophenone	9.01	105	781253	46.457	ng	# 97
24) Nitrobenzene	9.27	77	563840	47.735	ng	99
25) Isophorone	9.67	82	1019267	47.043	ng	97
26) 2-Nitrophenol	9.79	139	265392	60.126	ng	95
27) 2,4-Dimethylphenol	9.87	122	363362	43.961	ng	96
28) bis(2-Chloroethoxy)methane	10.03	93	98914	6.982	ng	# 96
29) 2,4-Dichlorophenol	10.17	162	500078	50.125	ng	98
30) 1,2,4-Trichlorobenzene	10.31	180	535817	43.718	ng	99
31) Naphthalene	10.43	128	1486592	45.695	ng	100
32) Benzoic acid	10.06	122	297574	57.754	ng	# 62
33) 4-Chloroaniline	10.54	127	14468m	1.037	ng	
34) Hexachlorobutadiene	10.65	225	349219	43.127	ng	100
35) Caprolactam	11.09	113	124610m	39.573	ng	
36) 4-Chloro-3-methylphenol	11.33	107	470553	45.422	ng	98
37) 2-Methylnaphthalene	11.56	142	1088787	47.815	ng	96
38) 1-Methylnaphthalene	11.72	142	1021298	47.467	ng	98
40) 1,2,4,5-Tetrachlorobenzene	11.84	216	596458	77.346	ng	98

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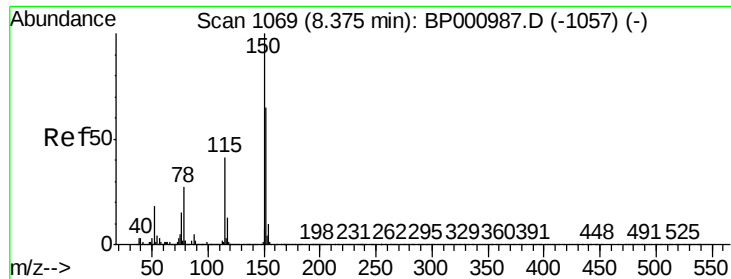
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	11.83	237	717135	185.633	nq	99
43) 2,4,6-Trichlorophenol	12.02	196	405396	87.190	nq	94
44) 2,4,5-Trichlorophenol	12.08	196	434319	87.367	nq	95
46) 1,1'-Biphenyl	12.33	154	1389952	80.266	nq	98
47) 2-Chloronaphthalene	12.35	162	1082318	77.639	nq	98
48) 2-Nitroaniline	12.51	65	76205	20.884	nq	95
49) Acenaphthylene	13.02	152	540494	25.503	nq	100
50) Dimethylphthalate	12.85	163	1425720	83.253	nq	100
51) 2,6-Dinitrotoluene	12.93	165	316175	88.510	nq	95
52) Acenaphthene	13.31	154	632533	49.901	nq	98
53) 3-Nitroaniline	13.19	138	15724	4.036	nq #	91
54) 2,4-Dinitrophenol	13.37	184	277607	234.199	nq #	84
55) Dibenzofuran	13.60	168	1632009	82.430	nq	95
56) 4-Nitrophenol	13.49	139	477712	176.313	nq	89
57) 2,4-Dinitrotoluene	13.59	165	431875	96.253	nq #	93
58) Fluorene	14.16	166	1221945	77.551	nq	99
59) 2,3,4,6-Tetrachlorophenol	13.80	232	408408	96.624	nq #	94
60) Diethylphthalate	14.02	149	1248273	72.567	nq	99
61) 4-Chlorophenyl-phenylether	14.18	204	693455	83.236	nq	96
62) 4-Nitroaniline	12.51	138	86546	20.717	nq	95
63) Azobenzene	14.43	77	329021	21.855	nq	96
65) 4,6-Dinitro-2-methylphenol	14.25	198	197622	75.032	nq	97
66) n-Nitrosodiphenylamine	14.37	169	153119	6.951	nq	97
67) 4-Bromophenyl-phenylether	14.97	248	470075	52.117	nq	98
68) Hexachlorobenzene	15.06	284	551971	52.807	nq	100
70) Pentachlorophenol	15.37	266	667707	143.506	nq	99
71) Phenanthrene	15.69	178	1942730	49.540	nq	100
72) Anthracene	15.77	178	1543039	40.336	nq	100
73) Carbazole	16.00	167	72979	2.081	nq	96
74) Di-n-butylphthalate	16.56	149	1958357	46.266	nq	99
75) Fluoranthene	17.39	202	1616048	36.459	nq	98
78) Pyrene	17.70	202	872418	34.780	nq	99
80) Butylbenzylphthalate	18.57	149	109767	11.051	nq	99
81) Benzo(a)anthracene	19.27	228	1203440	50.342	nq	99
82) 3,3'-Dichlorobenzidine	19.25	252	1435	0.165	nq #	39
83) Chrysene	19.32	228	1445091	68.855	nq	100
84) Bis(2-ethylhexyl)phthalate	19.33	149	1229146	97.330	nq	100
85) Di-n-octyl phthalate	20.11	149	1996035	87.796	nq	99
86) Indeno(1,2,3-cd)pyrene	22.72	276	442879m	15.422	nq	
88) Benzo(b)fluoranthene	20.57	252	1069345	2496.090	nq	98
89) Benzo(k)fluoranthene	20.61	252	492185	1220.476	nq	98
90) Benzo(a)pyrene	20.99	252	363865	923.672	nq	97
91) Dibenzo(a,h)anthracene	22.76	278	884318	2199.478	nq	98
92) Benzo(g,h,i)perylene	23.22	276	476144	1176.121	nq	96

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



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.37 min Scan# 1068
Delta R.T. -0.01 min
Lab File: BP001043.D
Acq: 15 Nov 2019 16:16

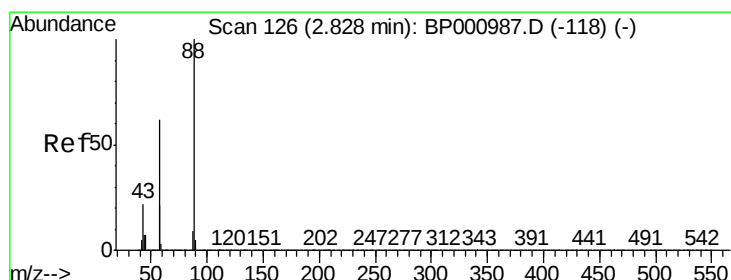
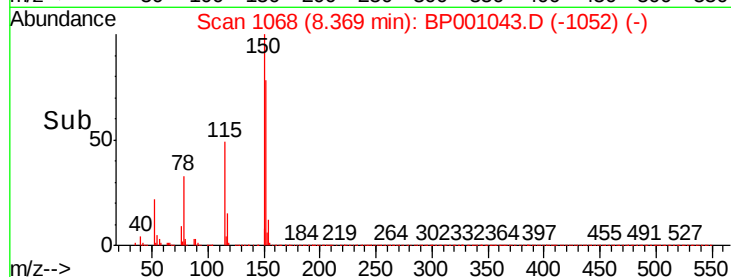
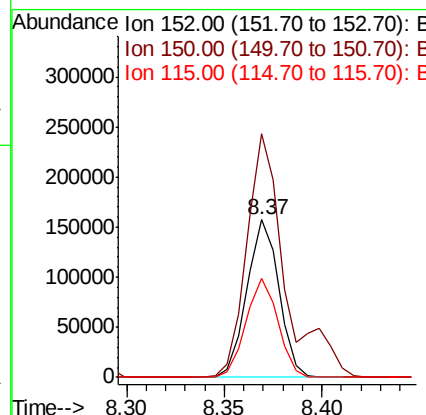
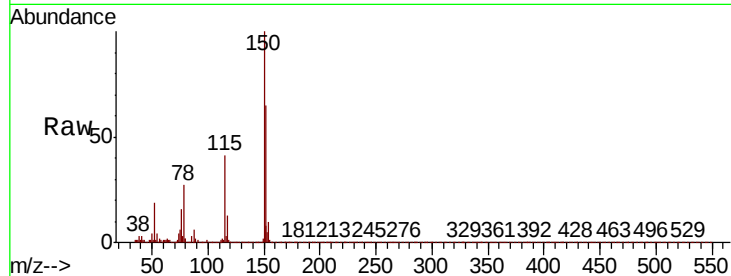
Instrument :
BNA_P
ClientSampleId :
OK-03-111219MS

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.3	123.6	185.4
115	62.7	50.1	75.1

Manual Integrations
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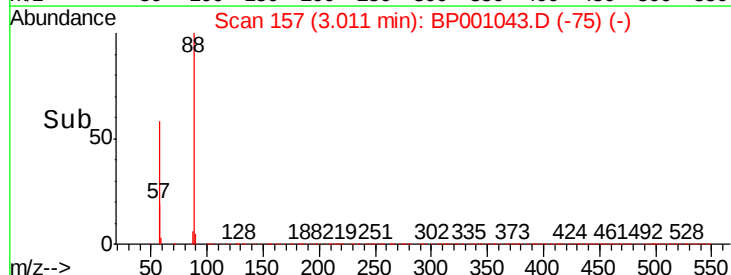
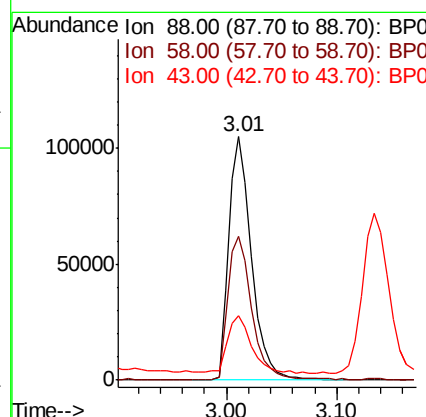
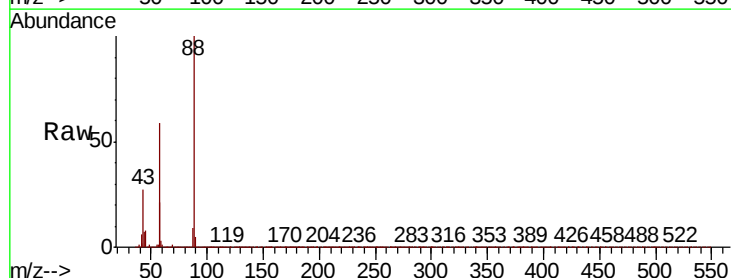
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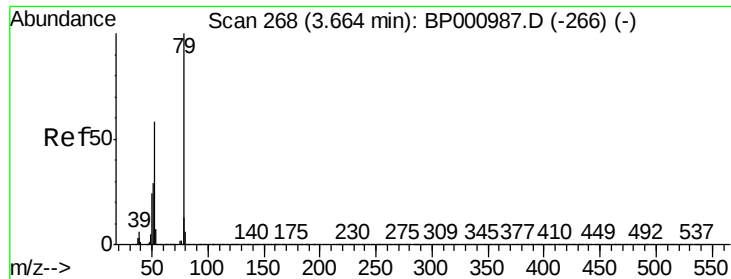
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#2
1,4-Dioxane
Concen: 35.559 ng
RT: 3.01 min Scan# 157
Delta R.T. 0.18 min
Lab File: BP001043.D
Acq: 15 Nov 2019 16:16

Tgt Ion	Ratio	Lower	Upper
88	100		
58	61.4	49.8	74.8
43	0.0	17.6	26.4





#3
Pvridine
Concen: 8.304 ng
RT: 3.84 min Scan# 298
Delta R.T. 0.18 min
Lab File: BP001043.D
Acq: 15 Nov 2019 16:16

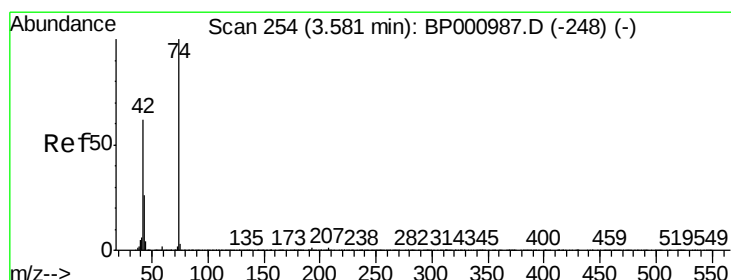
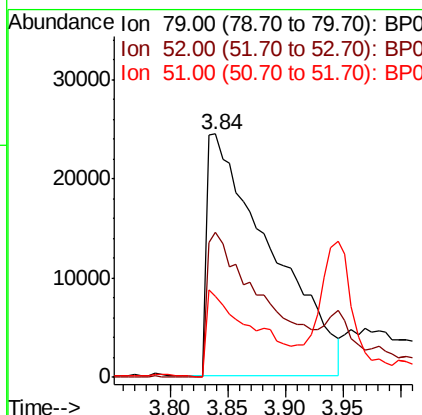
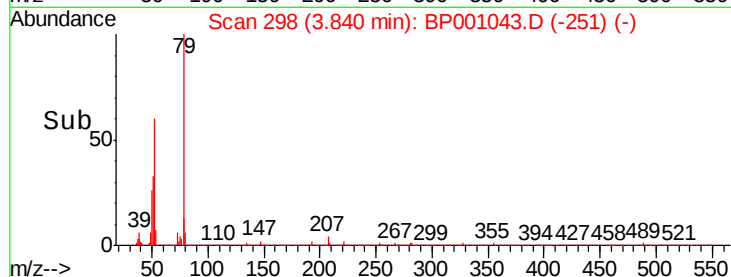
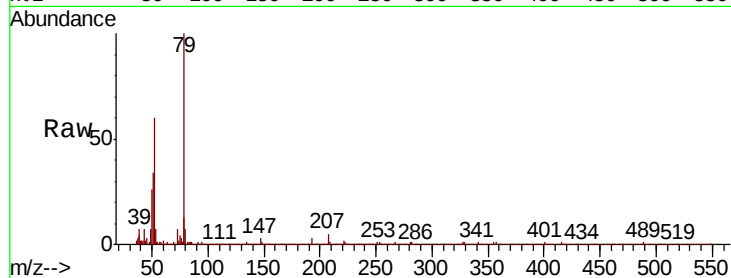
Instrument :
BNA_P
ClientSampleId :
OK-03-111219MS

Tot Ion:	79	Resp:	93824
Ion Ratio	Lower	Upper	
79	100		
52	59.6	46.4	69.6
51	33.5	23.4	35.0

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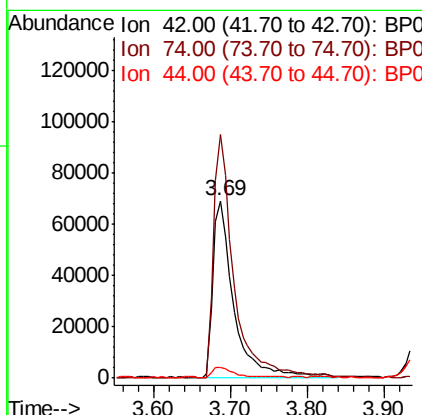
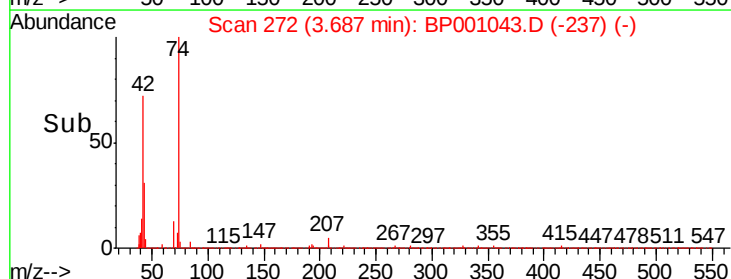
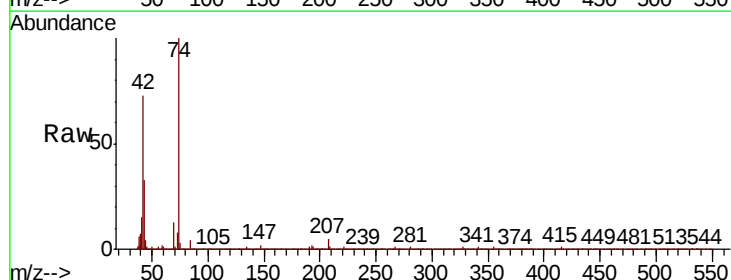
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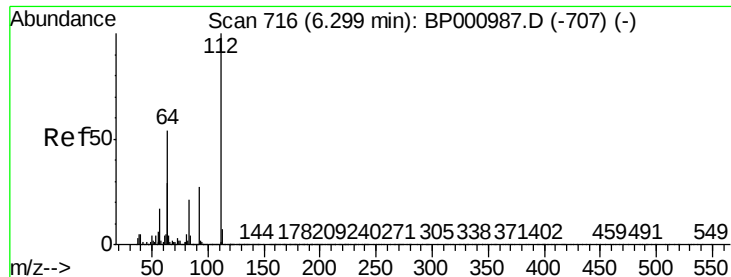
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#4
n-Nitrosodimethylamine
Concen: 32.244 ng
RT: 3.69 min Scan# 272
Delta R.T. 0.11 min
Lab File: BP001043.D
Acq: 15 Nov 2019 16:16

Tgt Ion:	42	Resp:	126965
Ion Ratio	Lower	Upper	
42	100		
74	137.3	128.4	192.6
44	5.9	5.4	8.2





#5

2-Fluorophenol

Concen: 137.793 ng

RT: 6.32 min Scan# 720

Delta R.T. 0.02 min

Lab File: BP001043.D

Acq: 15 Nov 2019 16:16

Instrument :

BNA_P

ClientSampleId :

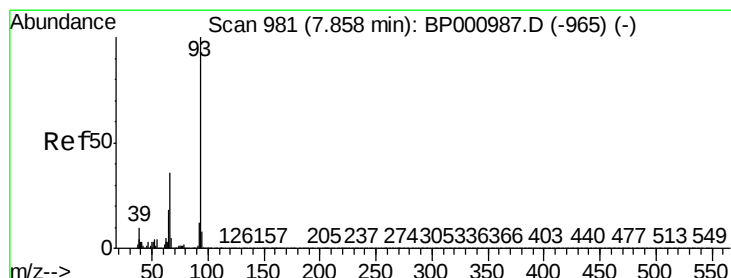
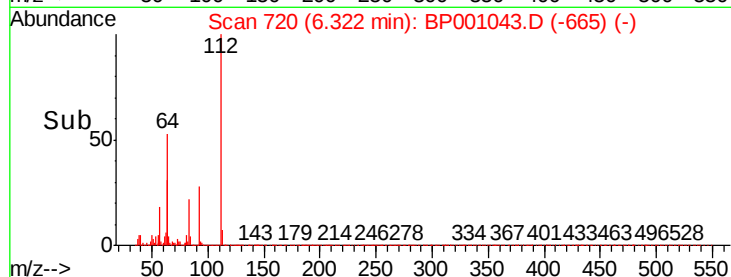
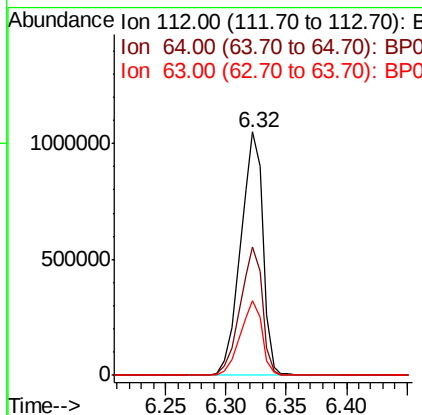
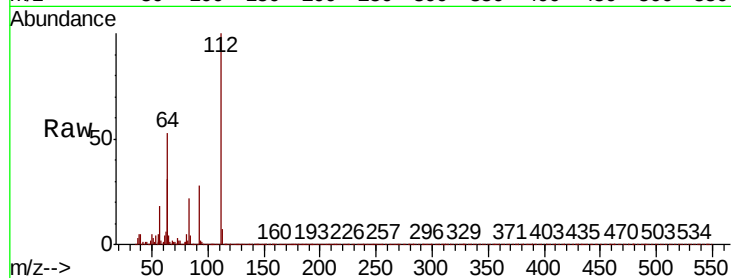
OK-03-111219MS

Tot Ion:112	Resp: 1354265
Ion Ratio	Lower Upper
112 100	
64 53.0	43.4 65.0
63 30.6	23.4 35.0

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#6

Aniline

Concen: 28.879 ng

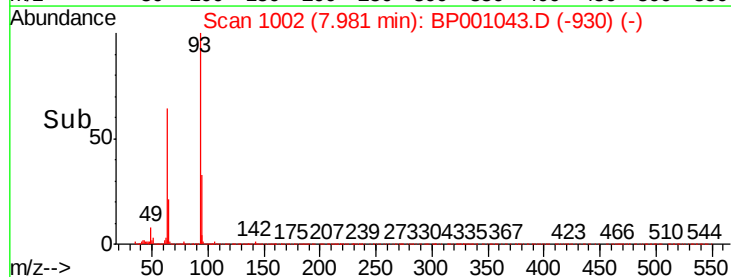
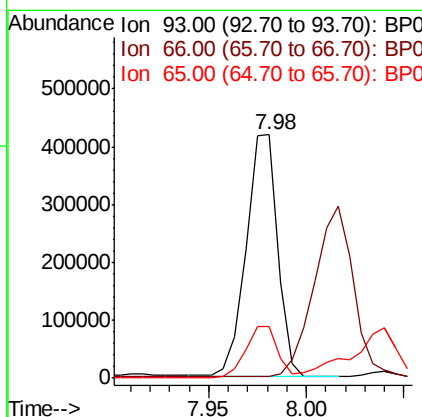
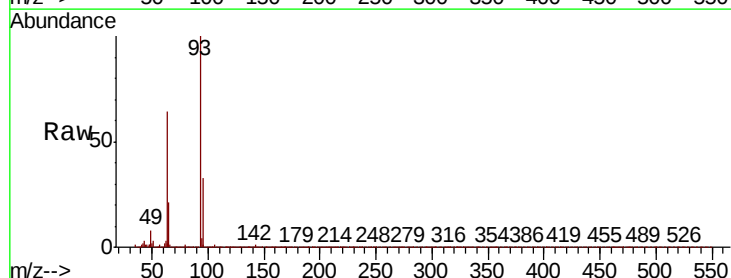
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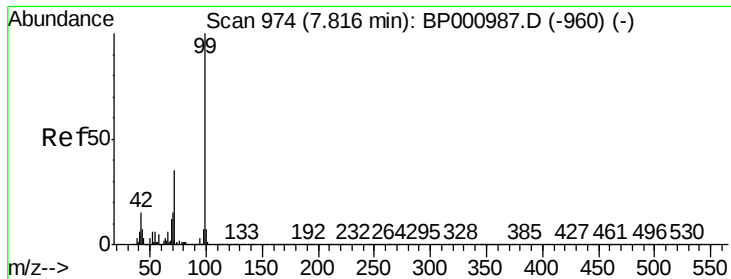
Delta R.T. 0.12 min

Lab File: BP001043.D

Acq: 15 Nov 2019 16:16

Tgt Ion: 93	Resp: 468759
Ion Ratio	Lower Upper
93 100	
66 0.8	29.1 43.7#
65 21.4	14.6 21.8





#7

Phenol-d6

Concen: 106.460 ng

RT: 7.82 min Scan# 975

Delta R.T. 0.01 min

Lab File: BP001043.D

Acq: 15 Nov 2019 16:16

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BNA_P

ClientSampleId :

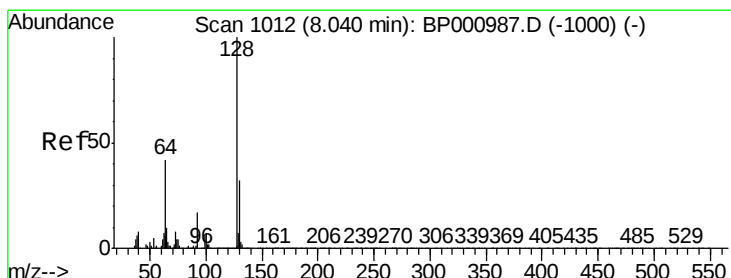
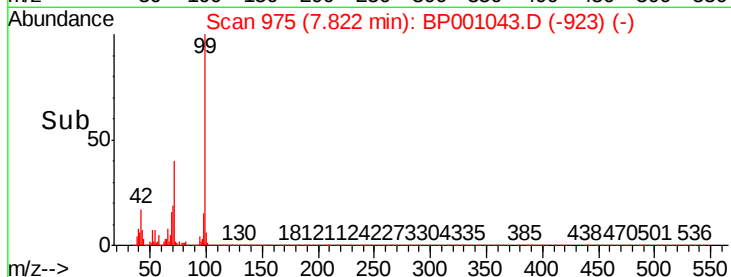
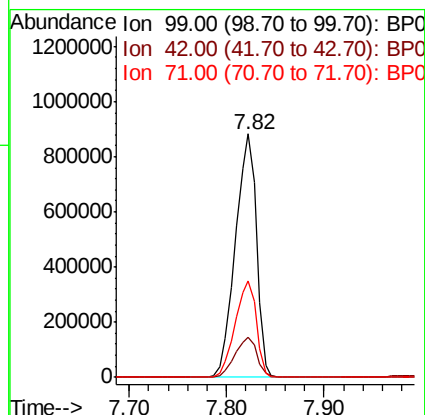
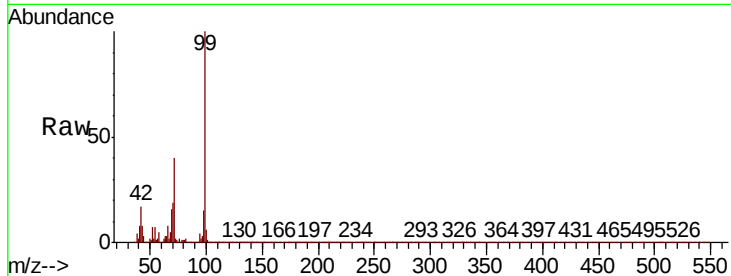
OK-03-111219MS

Tot Ion:	99	Resp:	1323120
Ion	Ratio	Lower	Upper
99	100		
42	16.7	11.6	17.4
71	39.7	28.0	42.0

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#8

2-Chlorophenol

Concen: 49.877 ng

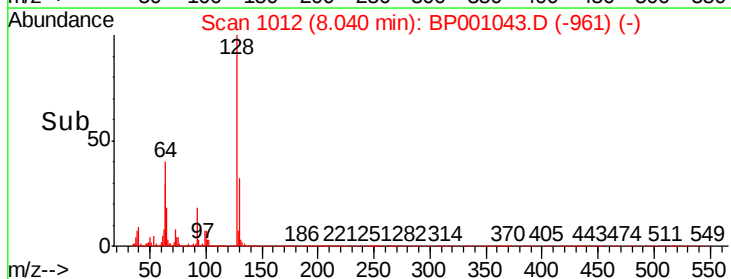
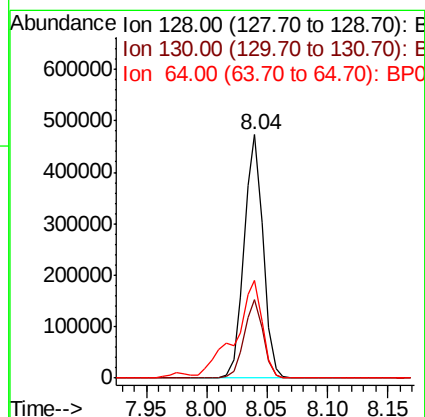
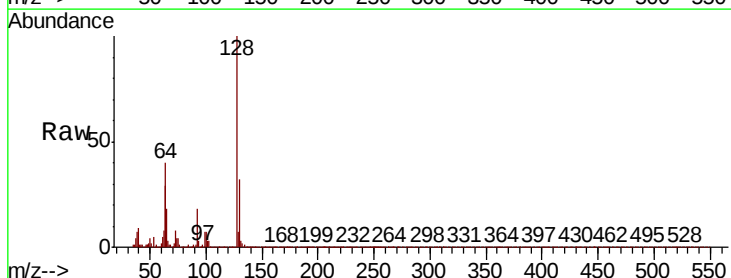
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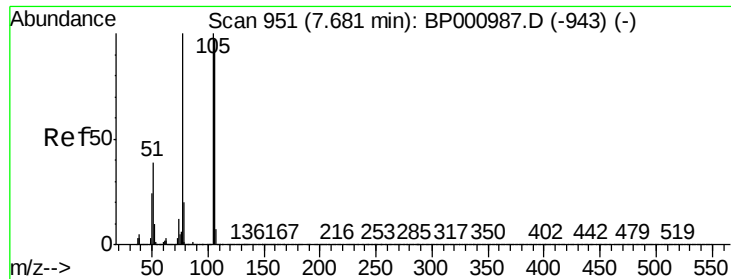
Delta R.T. -0.00 min

Lab File: BP001043.D

Acq: 15 Nov 2019 16:16

Tgt Ion:	128	Resp:	519823
Ion	Ratio	Lower	Upper
128	100		
130	32.0	12.0	52.0
64	40.4	22.7	62.7





#9

Benzaldehyde

Concen: 23.921 ng

RT: 7.68 min Scan# 950

Delta R.T. -0.01 min

Lab File: BP001043.D

Acq: 15 Nov 2019 16:16

Instrument :

BNA_P

ClientSampleId :

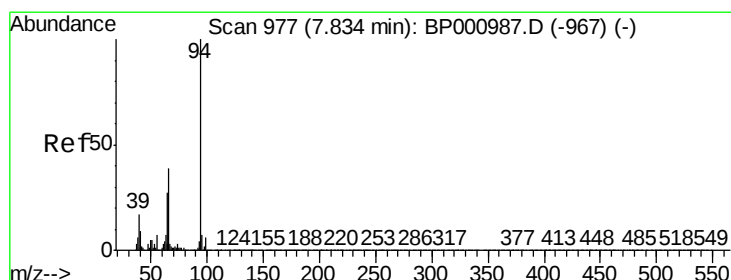
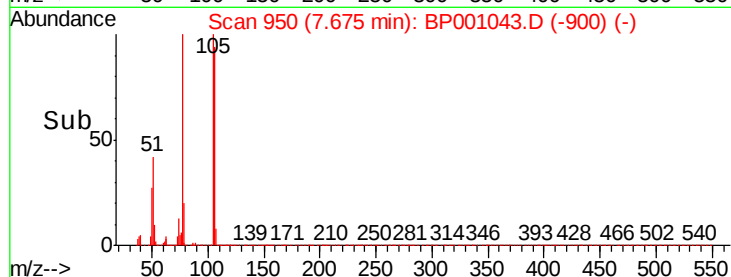
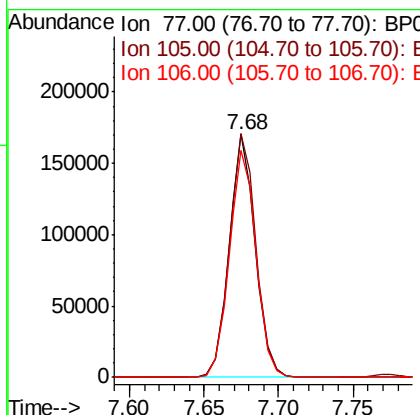
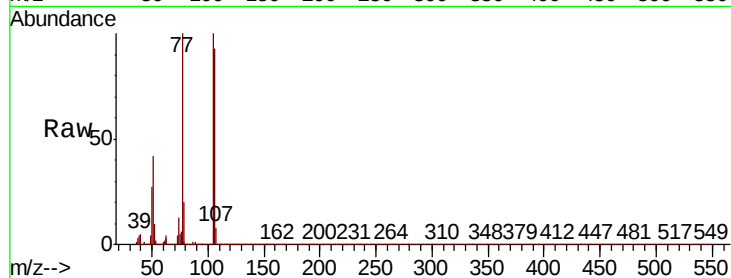
OK-03-111219MS

Tot Ion:	77	Resp:	207433
Ion Ratio	Lower	Upper	
77	100		
105	99.9	80.0	120.0
106	93.5	76.9	116.9

Manual Integrations
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#10

Phenol

Concen: 39.408 ng

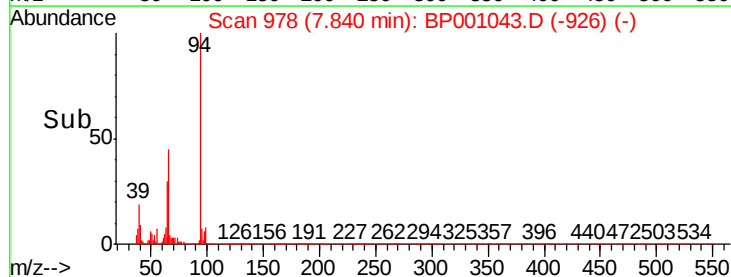
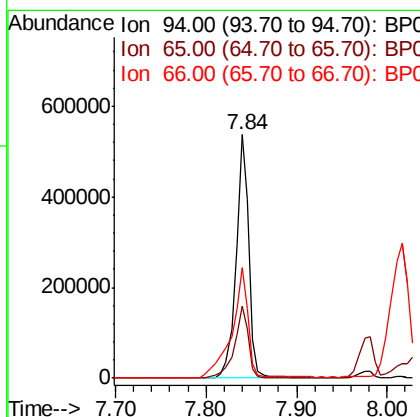
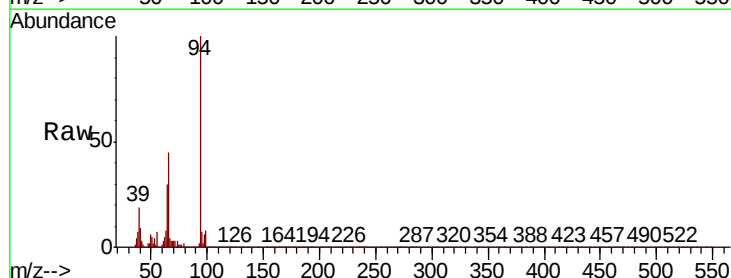
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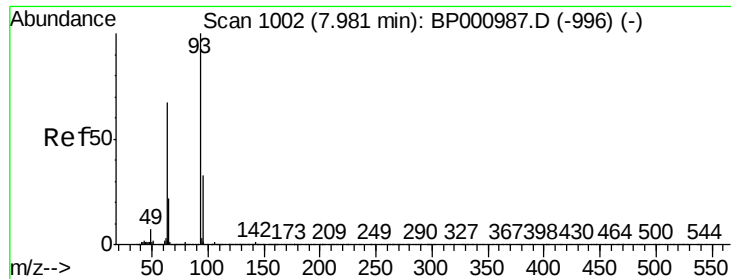
Delta R.T. 0.01 min

Lab File: BP001043.D

Acq: 15 Nov 2019 16:16

Tgt Ion:	94	Resp:	535715
Ion Ratio	Lower	Upper	
94	100		
65	29.9	6.7	46.7
66	45.2	18.6	58.6





#11
bis(2-Chloroethyl)ether
Concen: 44.295 ng
RT: 7.98 min Scan# 1002
Delta R.T. -0.00 min
Lab File: BP001043.D
Acq: 15 Nov 2019 16:16

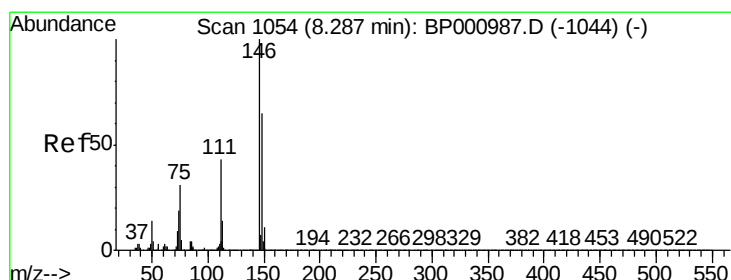
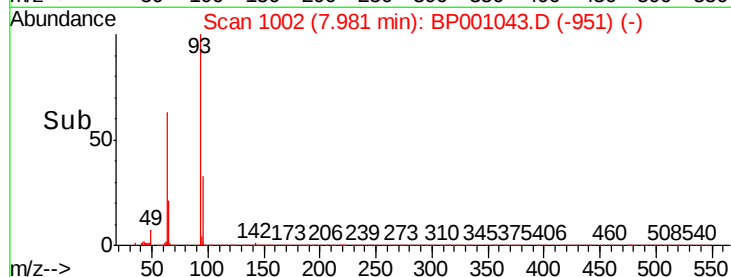
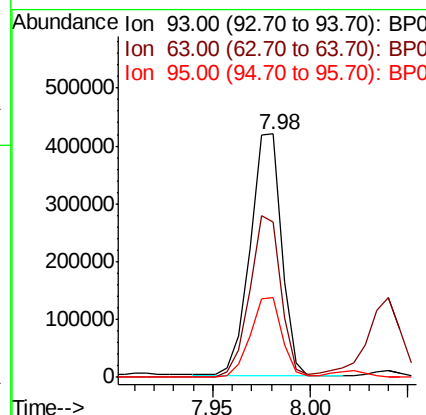
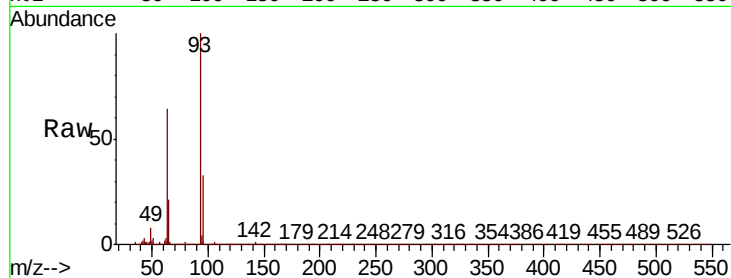
Instrument :
BNA_P
ClientSampleId :
OK-03-111219MS

Tot Ion:	93	Resp:	468759
Ion Ratio	Lower	Upper	
93	100		
63	63.7	47.4	87.4
95	32.6	12.6	52.6

Manual Integrations
APPROVED

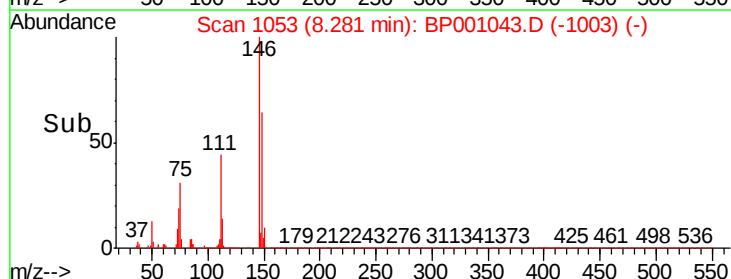
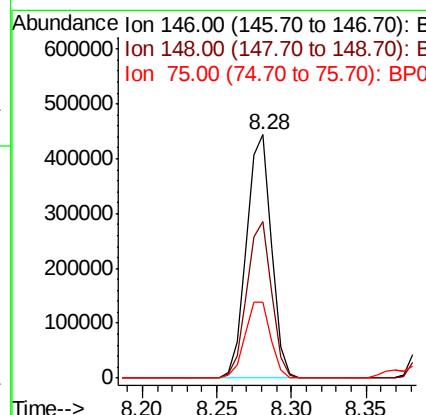
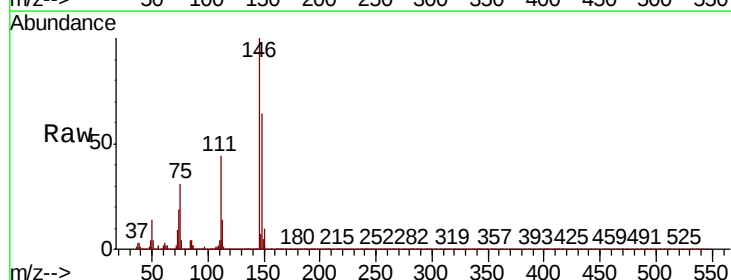
mohammad

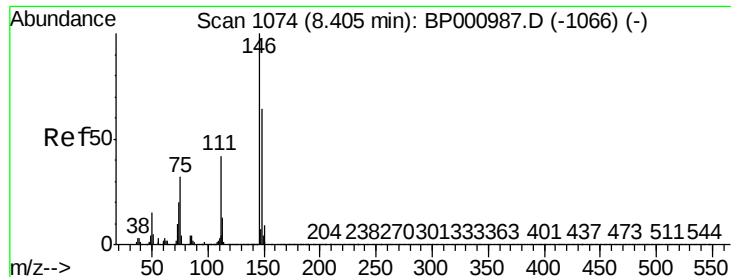
11/18/2019 3:06:23 PM



#12
1,3-Dichlorobenzene
Concen: 39.064 ng
RT: 8.28 min Scan# 1053
Delta R.T. -0.01 min
Lab File: BP001043.D
Acq: 15 Nov 2019 16:16

Tgt Ion:	146	Resp:	510786
Ion Ratio	Lower	Upper	
146	100		
148	64.2	52.3	78.5
75	31.2	24.6	37.0





#13
1,4-Dichlorobenzene
Concen: 39.598 ng
RT: 8.40 min Scan# 1073
Delta R.T. -0.01 min
Lab File: BP001043.D
Acq: 15 Nov 2019 16:16

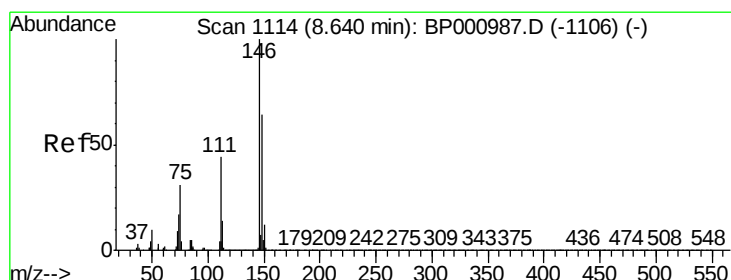
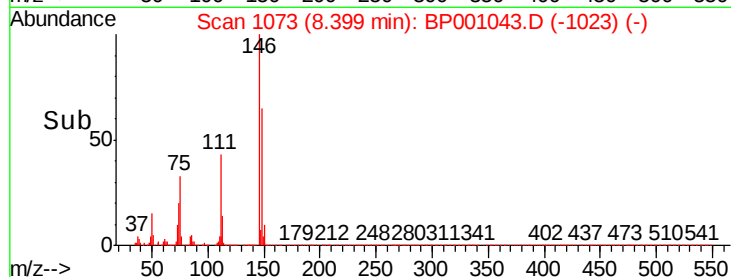
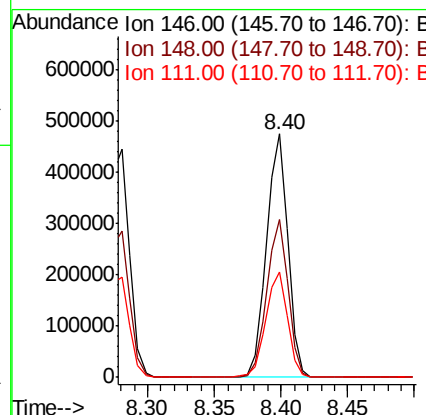
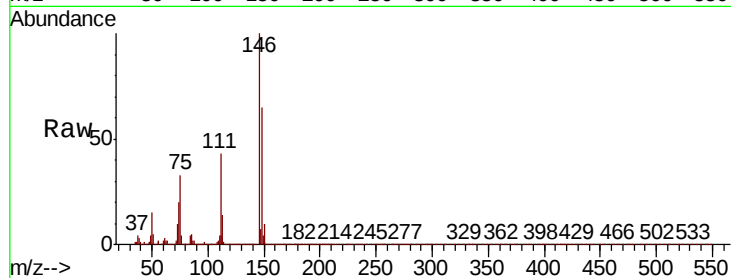
Instrument :
BNA_P
ClientSampleId :
OK-03-111219MS

Tot Ion	Ratio	Lower	Upper
146	100		
148	65.0	51.5	77.3
111	43.2	33.8	50.6

Manual Integrations
APPROVED

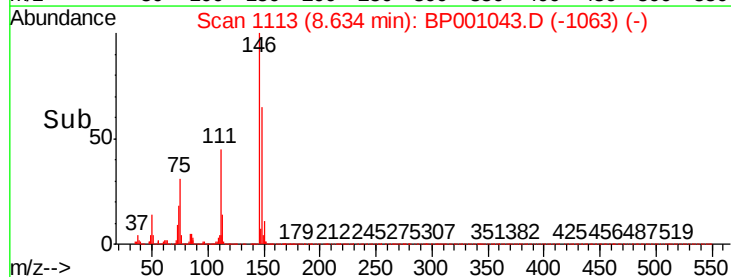
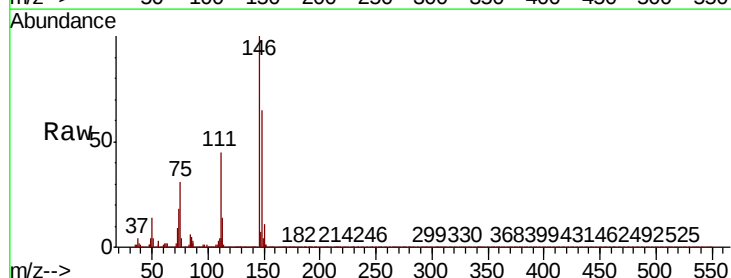
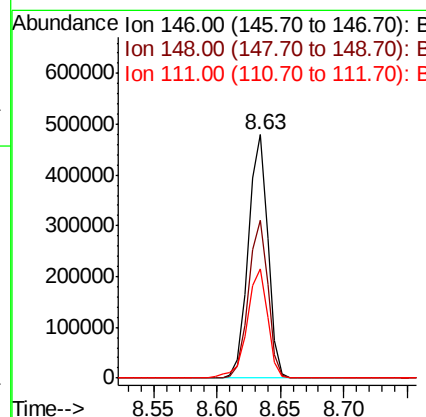
mohammad

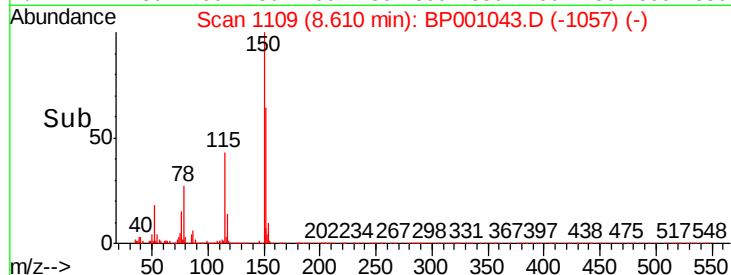
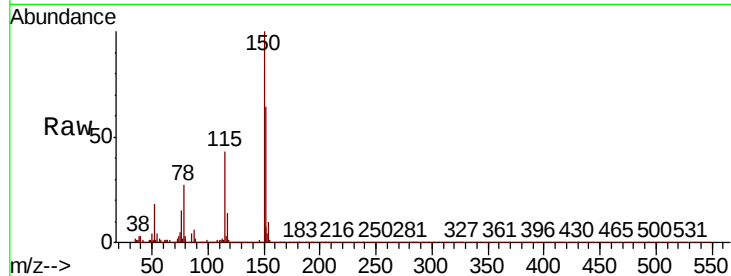
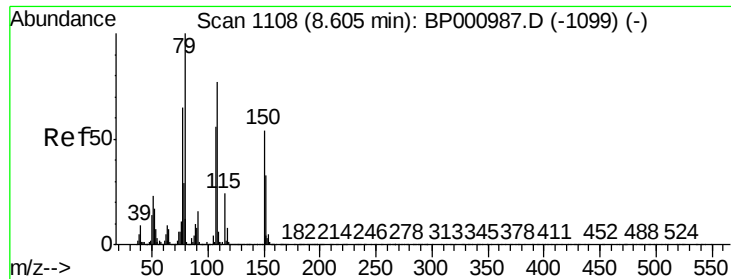
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#14
1,2-Dichlorobenzene
Concen: 41.722 ng
RT: 8.63 min Scan# 1113
Delta R.T. -0.01 min
Lab File: BP001043.D
Acq: 15 Nov 2019 16:16

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.1	51.4	77.0
111	44.8	35.6	53.4





#15
Benzyl Alcohol
Concen: 3.267 ng
RT: 8.61 min Scan# 1109
Delta R.T. 0.01 min
Lab File: BP001043.D
Acq: 15 Nov 2019 16:16

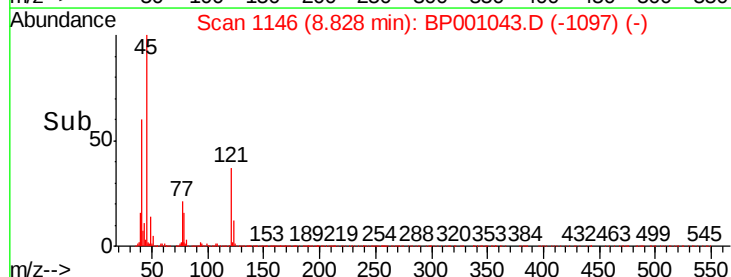
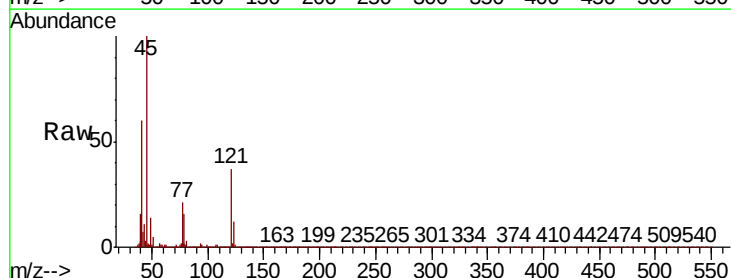
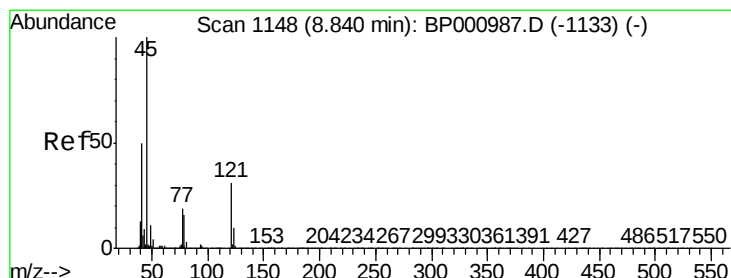
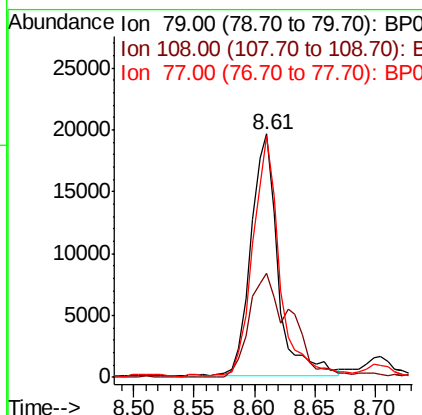
Tot Ion	Ratio	Lower	Upper
79	100		
108	42.9	62.0	93.0#
77	99.1	51.9	77.9#

Instrument :
BNA_P
ClientSampleId :
OK-03-111219MS

Manual Integrations
APPROVED

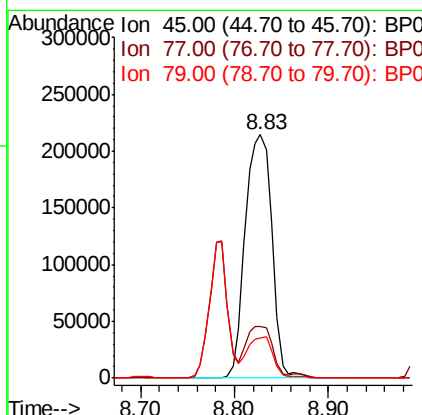
mohammad

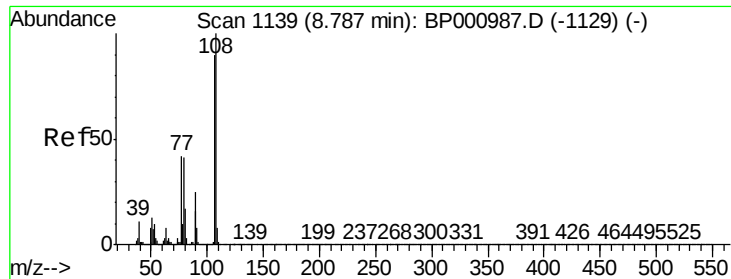
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 38.045 ng
RT: 8.83 min Scan# 1146
Delta R.T. -0.01 min
Lab File: BP001043.D
Acq: 15 Nov 2019 16:16

Tgt Ion	Ratio	Lower	Upper
45	100		
77	21.1	0.0	39.1
79	16.3	0.0	35.9





#17
2-Methylphenol
Concen: 37.135 ng
RT: 8.79 min Scan# 1139
Delta R.T. -0.00 min
Lab File: BP001043.D
Acq: 15 Nov 2019 16:16

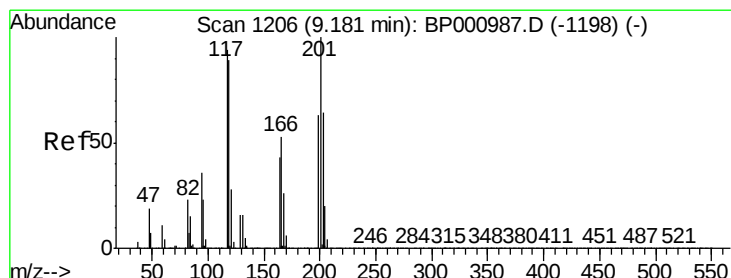
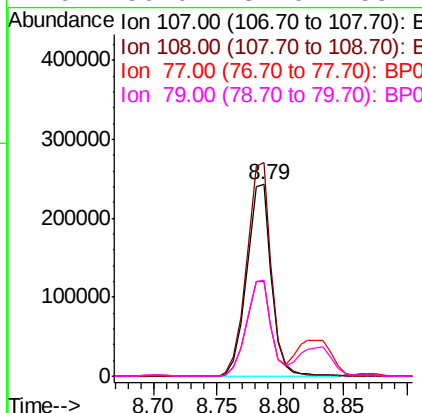
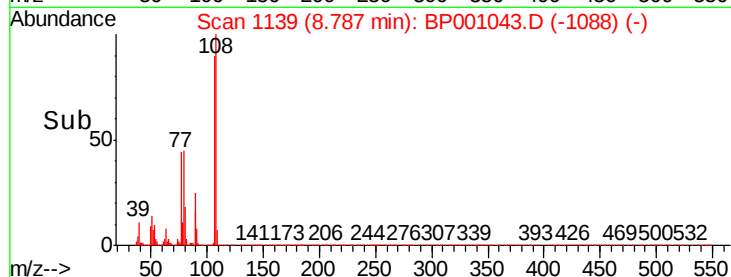
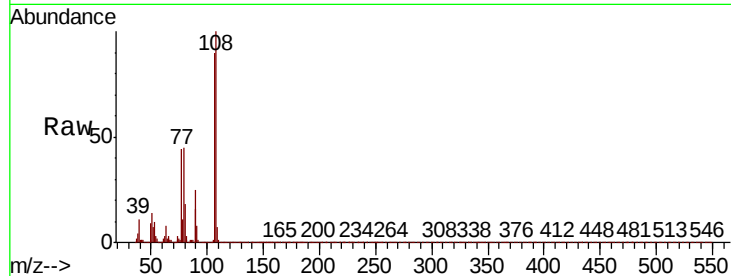
Instrument :
BNA_P
ClientSampleId :
OK-03-111219MS

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	111.3	89.3	133.9	
77	49.3	37.2	55.8	
79	50.0	37.0	55.4	

Manual Integrations
APPROVED

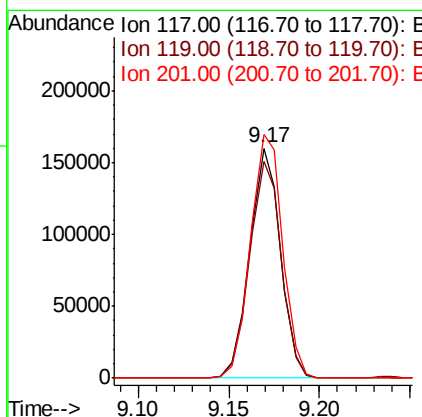
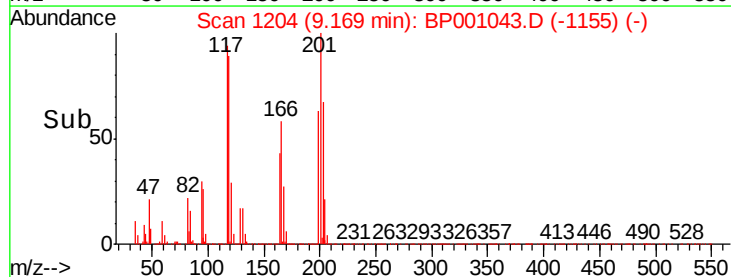
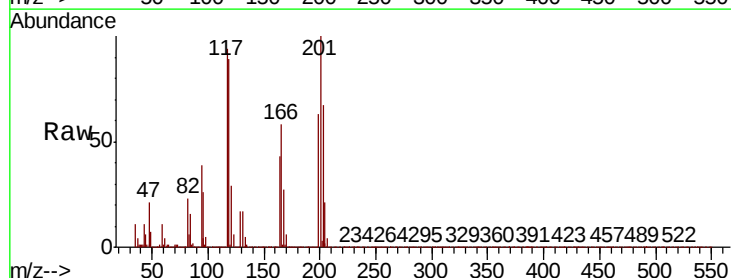
mohammad

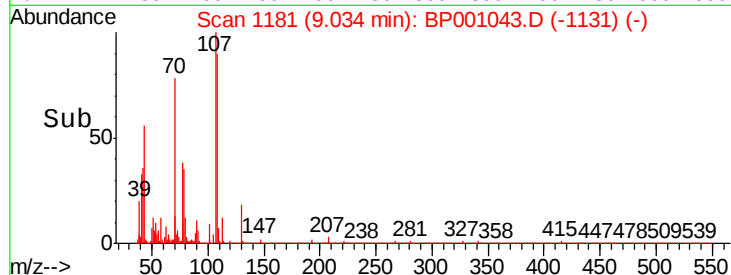
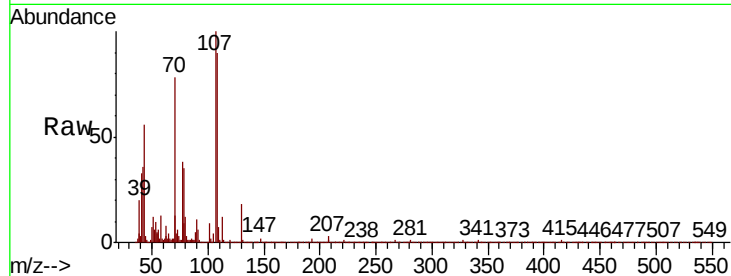
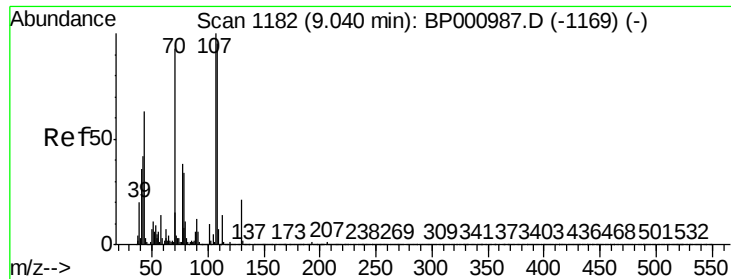
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#18
Hexachloroethane
Concen: 38.970 ng
RT: 9.17 min Scan# 1204
Delta R.T. -0.01 min
Lab File: BP001043.D
Acq: 15 Nov 2019 16:16

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	94.2	75.5	113.3	
201	106.0	84.9	127.3	





#19
n-Nitroso-di-n-propylamine
Concen: 37.107 ng
RT: 9.03 min Scan# 1181
Delta R.T. -0.01 min
Lab File: BP001043.D
Acq: 15 Nov 2019 16:16

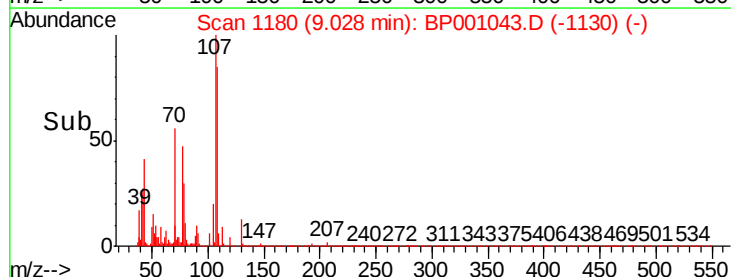
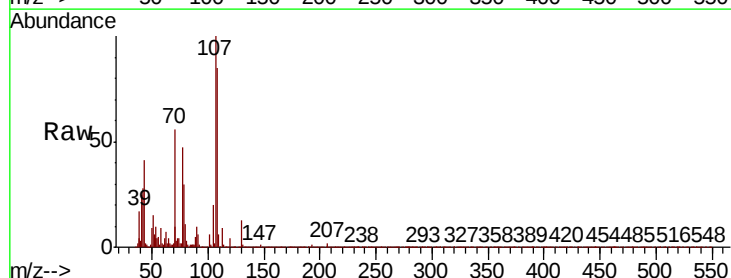
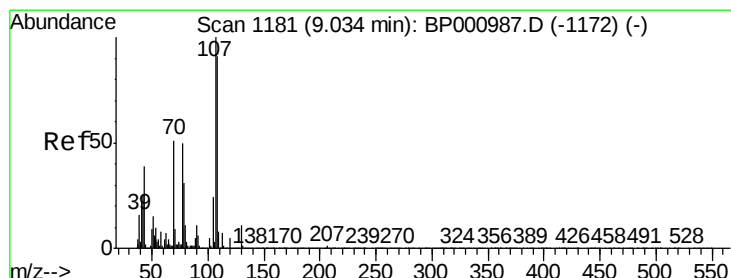
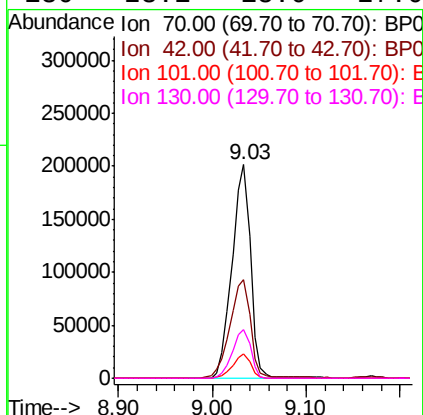
Tot Ion	Ion	Ratio	Resp	Lower	Upper
70	100				
42	46.1	36.3	54.5		
101	11.3	8.7	13.1		
130	23.1	18.0	27.0		

Instrument :
BNA_P
ClientSampleId :
OK-03-111219MS

Manual Integrations
APPROVED

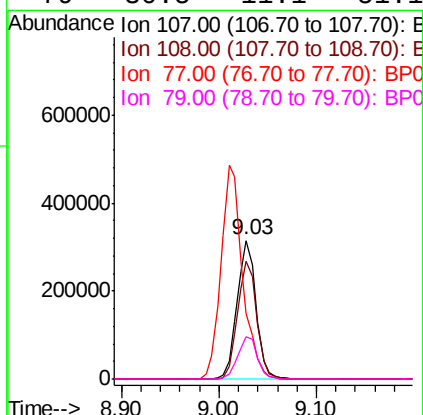
mohammad

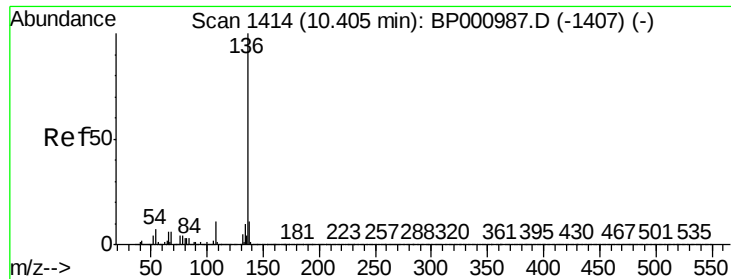
11/18/2019 3:06:23 PM



#20
3+4-Methylphenols
Concen: 38.444 ng
RT: 9.03 min Scan# 1180
Delta R.T. -0.01 min
Lab File: BP001043.D
Acq: 15 Nov 2019 16:16

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100				
108	84.7	71.1	111.1		
77	47.4	29.8	69.8		
79	30.5	11.1	51.1		





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.40 min Scan# 1413
Delta R.T. -0.01 min
Lab File: BP001043.D
Acq: 15 Nov 2019 16:16

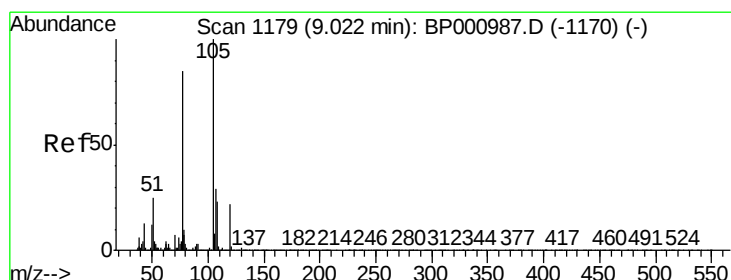
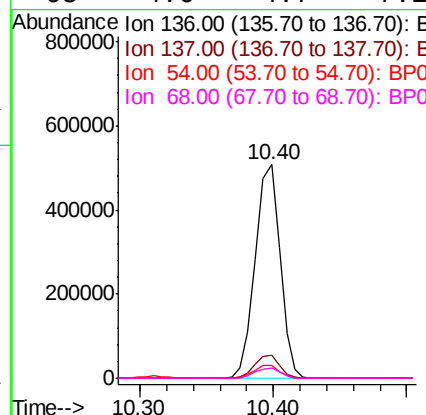
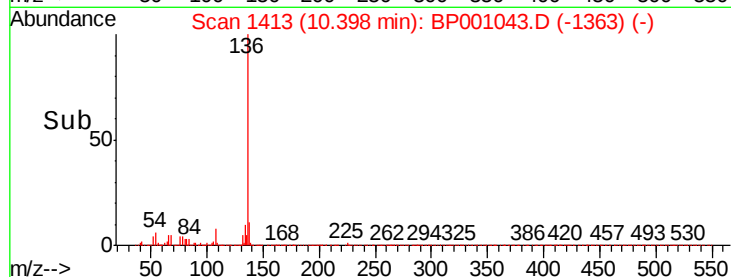
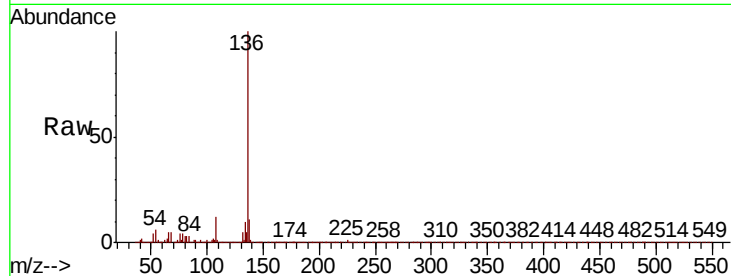
Instrument :
BNA_P
ClientSampleId :
OK-03-111219MS

Tot Ion	Ratio	Resp Lower	Upper
136	100		
137	11.0	9.0	13.6
54	6.0	5.4	8.2
68	4.6	4.7	7.1#

Manual Integrations
APPROVED

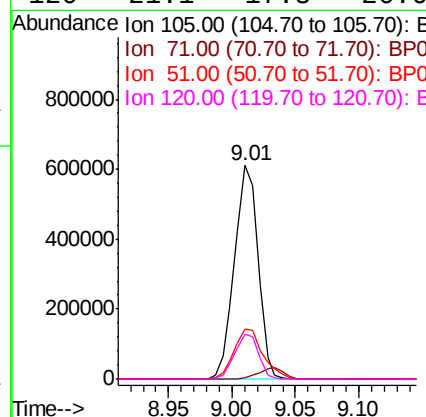
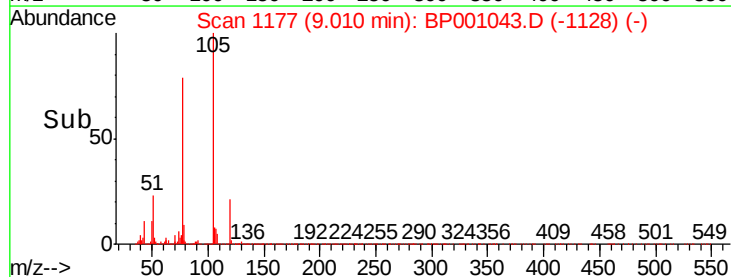
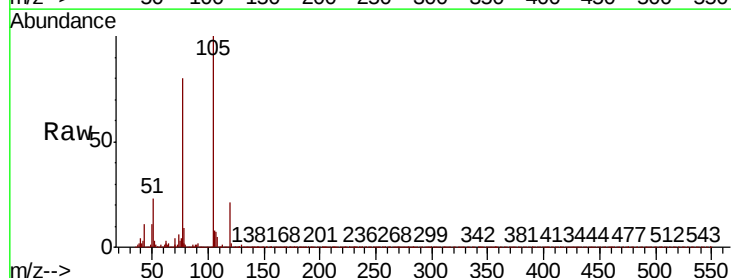
mohammad

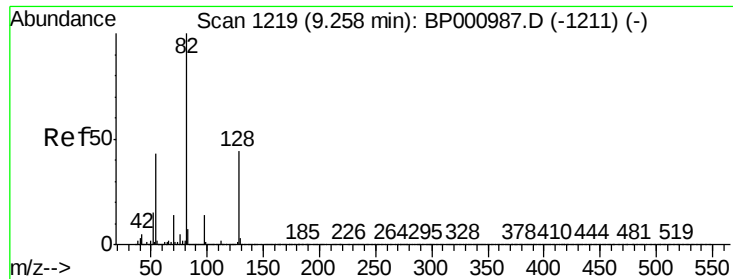
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#22
Acetophenone
Concen: 46.457 ng
RT: 9.01 min Scan# 1177
Delta R.T. -0.01 min
Lab File: BP001043.D
Acq: 15 Nov 2019 16:16

Tgt Ion	Ratio	Resp Lower	Upper
105	100		
71	0.6	1.0	1.4#
51	23.5	19.9	29.9
120	21.1	17.8	26.6





#23
 Nitrobenzene-d5
 Concen: 94.051 ng
 RT: 9.25 min Scan# 1218
 Delta R.T. -0.01 min
 Lab File: BP001043.D
 Acq: 15 Nov 2019 16:16

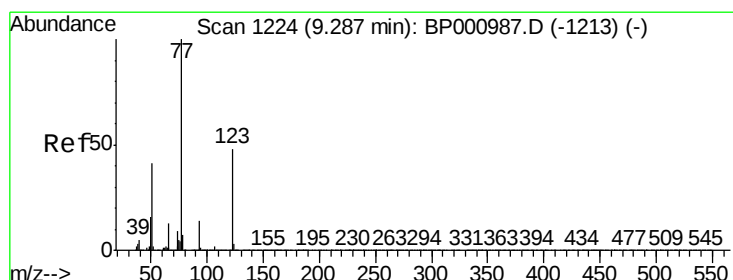
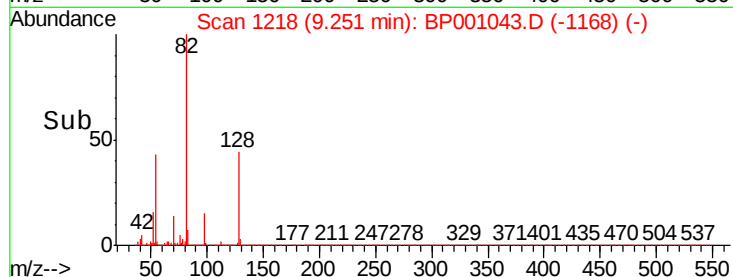
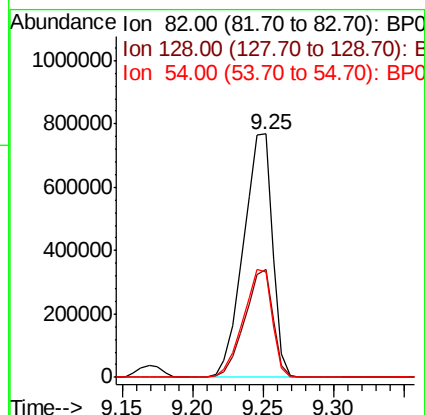
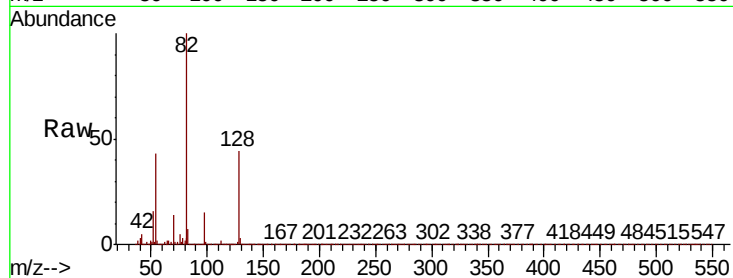
Instrument :
 BNA_P
 ClientSampleId :
 OK-03-111219MS

Tot Ion	Ratio	Lower	Upper
82	100		
128	44.3	35.3	52.9
54	43.3	34.3	51.5

Manual Integrations
 APPROVED

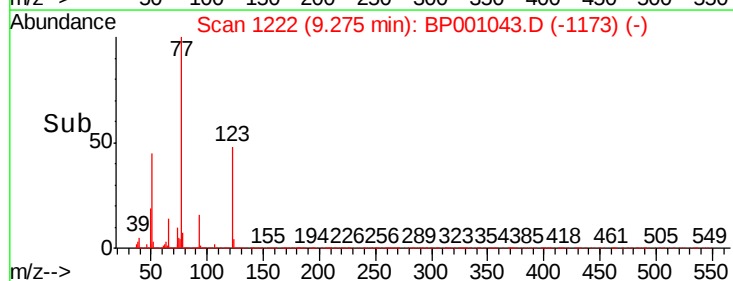
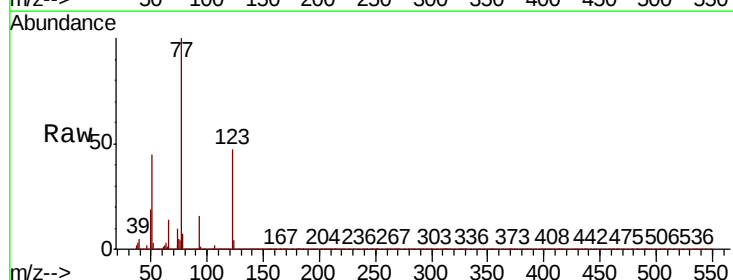
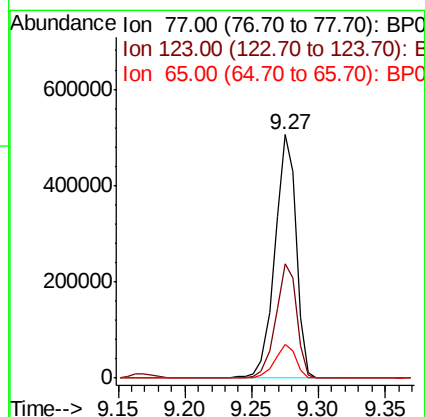
mohammad

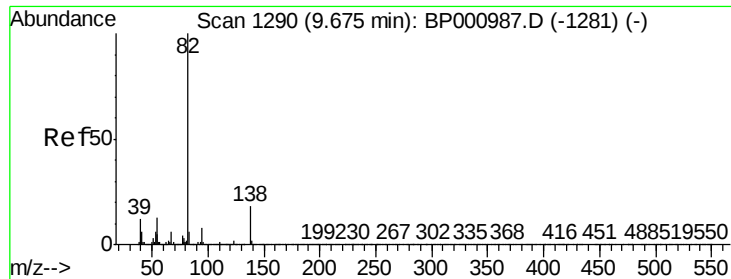
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#24
 Nitrobenzene
 Concen: 47.735 ng
 RT: 9.27 min Scan# 1222
 Delta R.T. -0.01 min
 Lab File: BP001043.D
 Acq: 15 Nov 2019 16:16

Tgt Ion	Ratio	Lower	Upper
77	100		
123	46.9	38.1	57.1
65	13.7	10.2	15.2





#25
Isophorone
Concen: 47.043 ng
RT: 9.67 min Scan# 1290
Delta R.T. -0.00 min
Lab File: BP001043.D
Acq: 15 Nov 2019 16:16

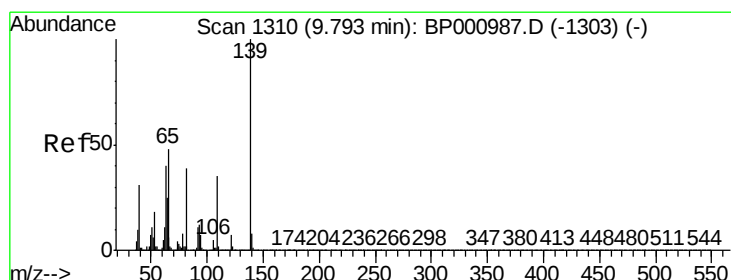
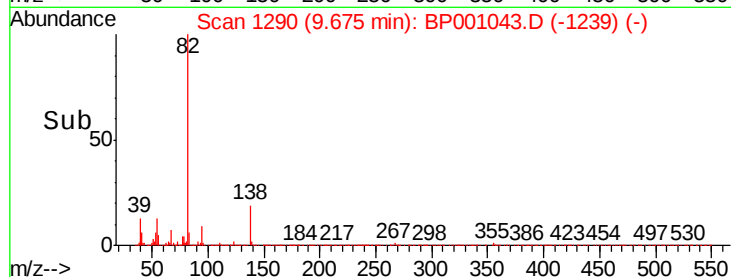
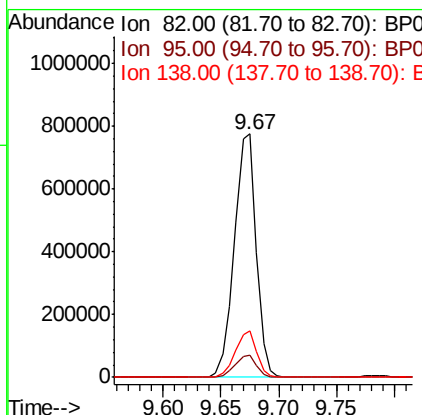
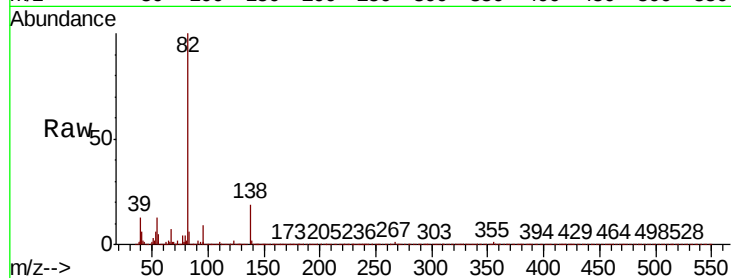
Instrument :
BNA_P
ClientSampleId :
OK-03-111219MS

Tot Ion	82	Resp	1019267
Ion	Ratio	Lower	Upper
82	100		
95	9.3	6.2	9.4
138	19.2	14.2	21.4

Manual Integrations
APPROVED

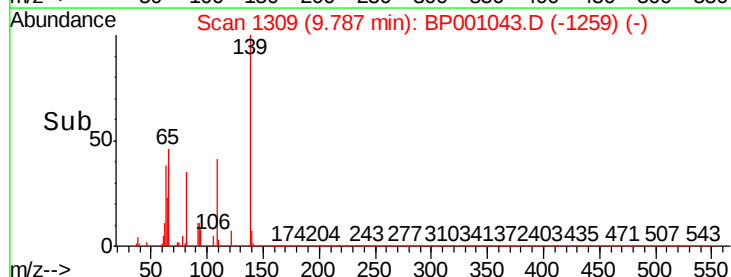
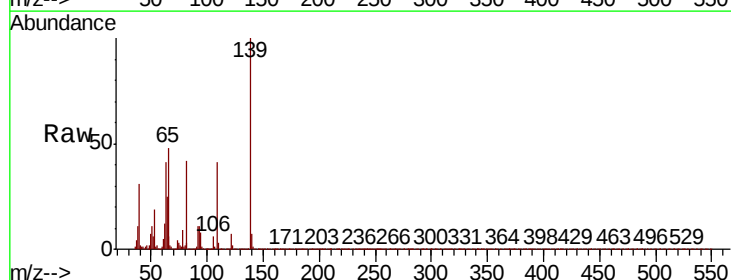
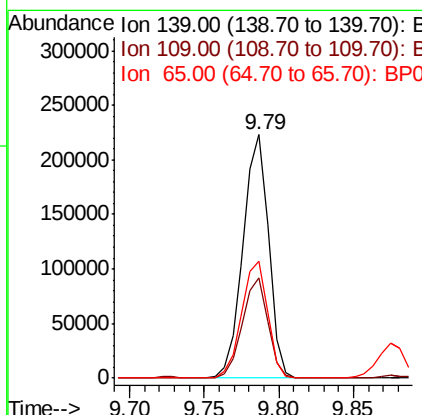
mohammad

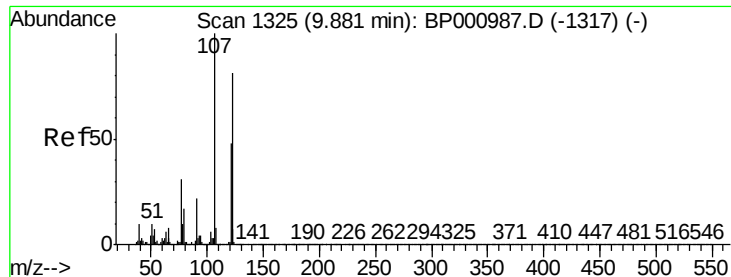
11/18/2019 3:06:23 PM



#26
2-Nitrophenol
Concen: 60.126 ng
RT: 9.79 min Scan# 1309
Delta R.T. -0.01 min
Lab File: BP001043.D
Acq: 15 Nov 2019 16:16

Tgt Ion	139	Resp	265392
Ion	Ratio	Lower	Upper
139	100		
109	41.2	27.7	41.5
65	47.9	38.2	57.4





#27
2,4-Dimethylphenol
Concen: 43.961 ng
RT: 9.87 min Scan# 1324
Delta R.T. -0.01 min
Lab File: BP001043.D
Acq: 15 Nov 2019 16:16

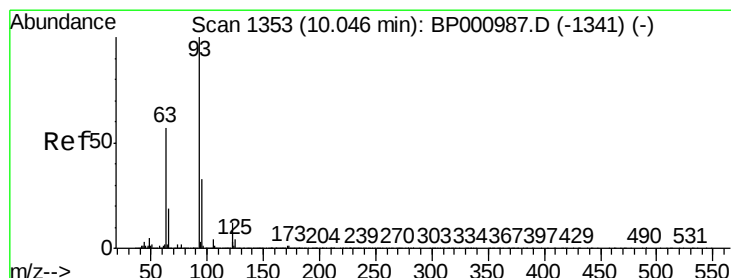
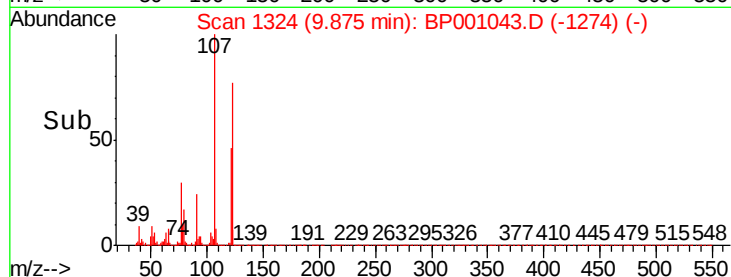
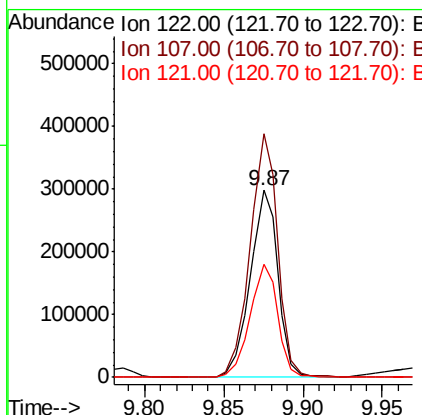
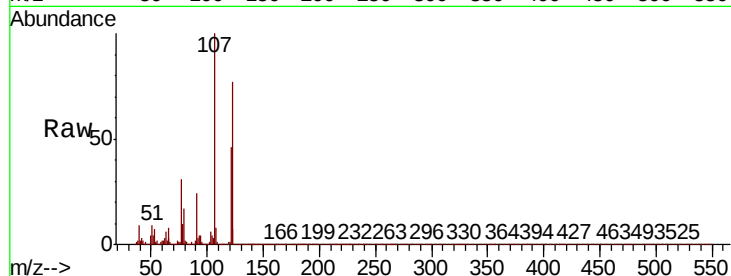
Instrument :
BNA_P
ClientSampleId :
OK-03-111219MS

Tot Ion	Ratio	Resp Lower	Upper
122	100		
107	130.1	99.3	148.9
121	60.2	47.9	71.9

Manual Integrations
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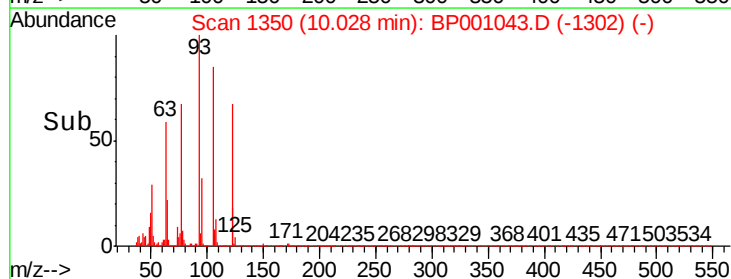
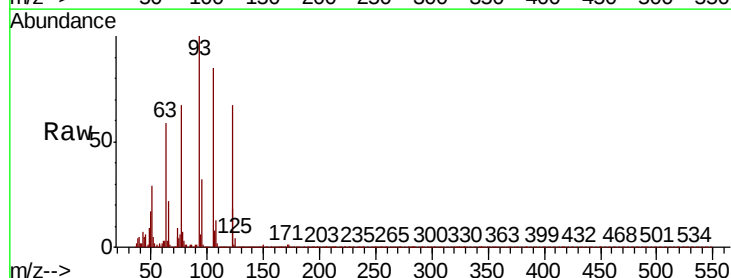
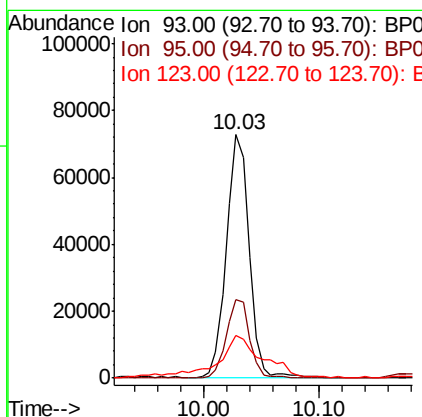
mohammad

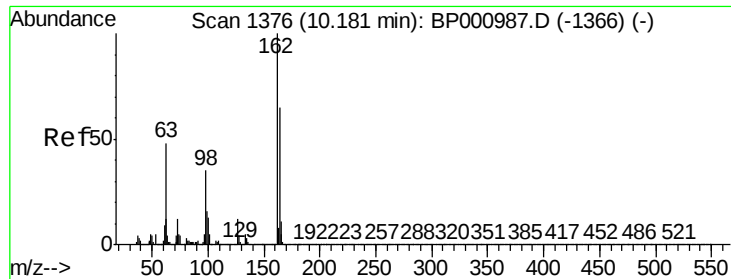
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#28
bis(2-Chloroethoxy)methane
Concen: 6.982 ng
RT: 10.03 min Scan# 1350
Delta R.T. -0.02 min
Lab File: BP001043.D
Acq: 15 Nov 2019 16:16

Tgt Ion	Ratio	Resp Lower	Upper
93	100		
95	32.2	26.1	39.1
123	17.7	9.6	14.4





#29
2,4-Dichlorophenol
Concen: 50.125 ng
RT: 10.17 min Scan# 1375
Delta R.T. -0.01 min
Lab File: BP001043.D
Acq: 15 Nov 2019 16:16

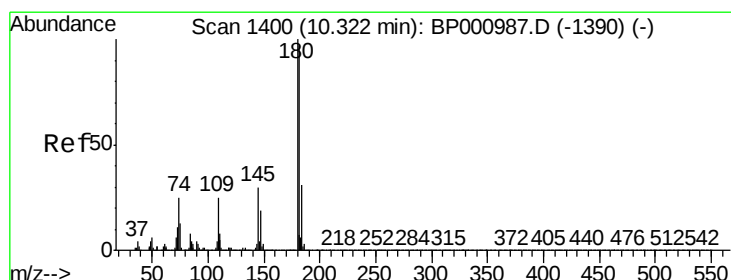
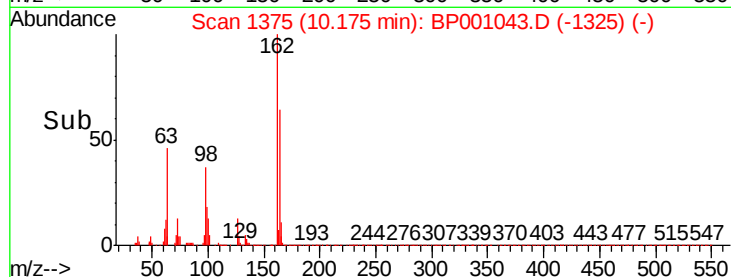
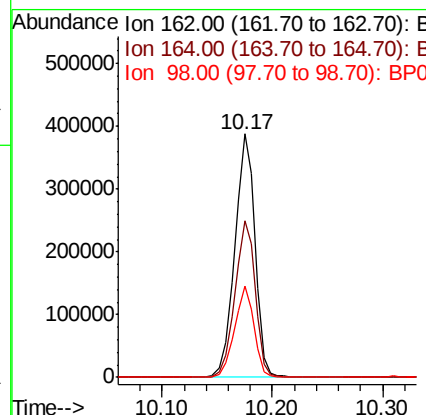
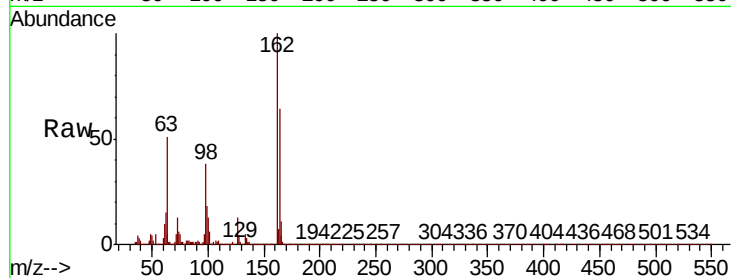
Instrument :
BNA_P
ClientSampleId :
OK-03-111219MS

Tot Ion	Ratio	Lower	Upper
162	100		
164	64.3	44.5	84.5
98	37.5	15.2	55.2

Manual Integrations
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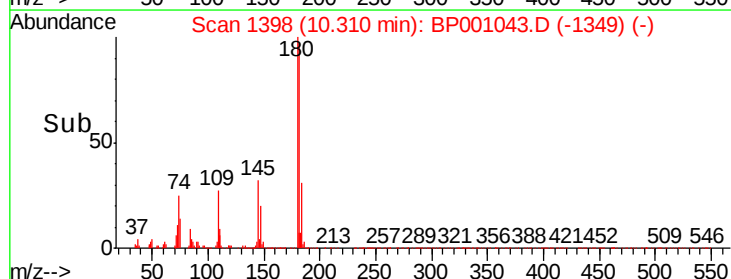
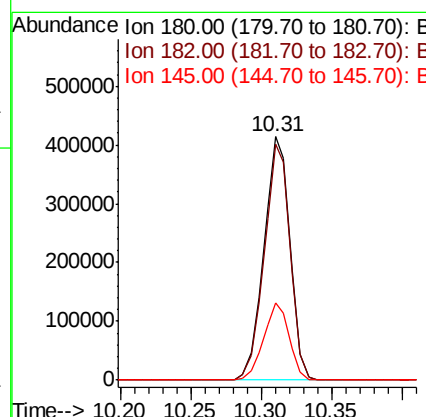
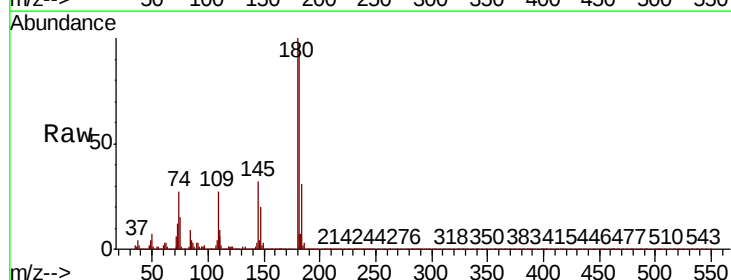
mohammad

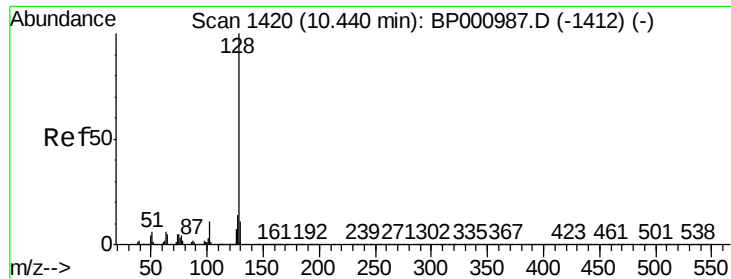
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#30
1,2,4-Trichlorobenzene
Concen: 43.718 ng
RT: 10.31 min Scan# 1398
Delta R.T. -0.01 min
Lab File: BP001043.D
Acq: 15 Nov 2019 16:16

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.9	77.8	116.6
145	31.6	24.2	36.4





#31
Naphthalene
Concen: 45.695 ng
RT: 10.43 min Scan# 1419
Delta R.T. -0.01 min
Lab File: BP001043.D
Acq: 15 Nov 2019 16:16

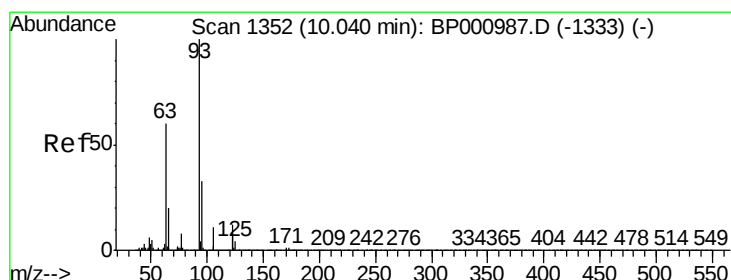
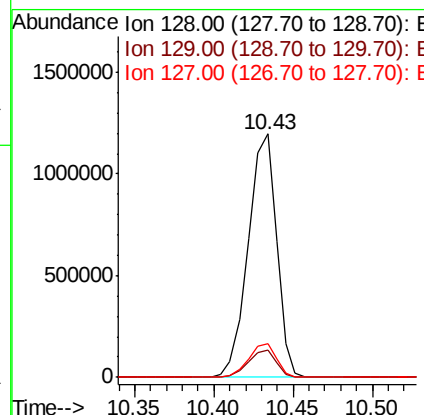
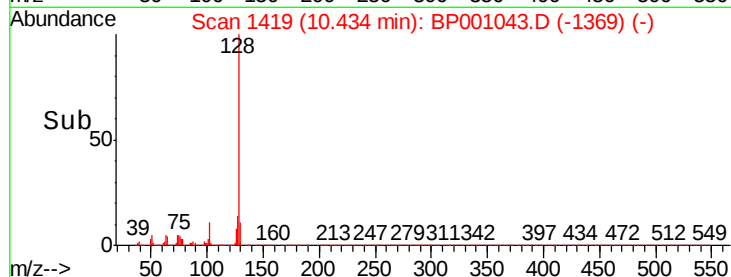
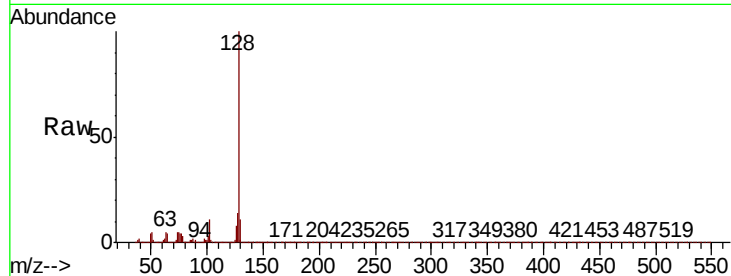
Instrument :
BNA_P
ClientSampleId :
OK-03-111219MS

Tot Ion:	128	Resp:	1486592
Ion	Ratio	Lower	Upper
128	100		
129	11.1	8.7	13.1
127	13.6	10.8	16.2

Manual Integrations
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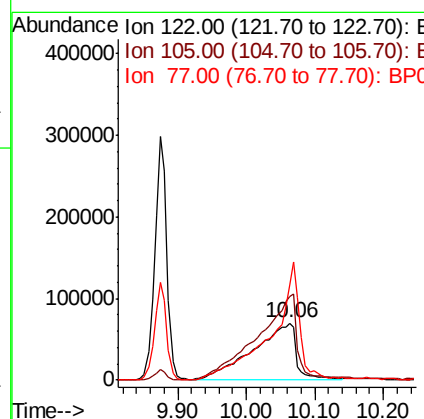
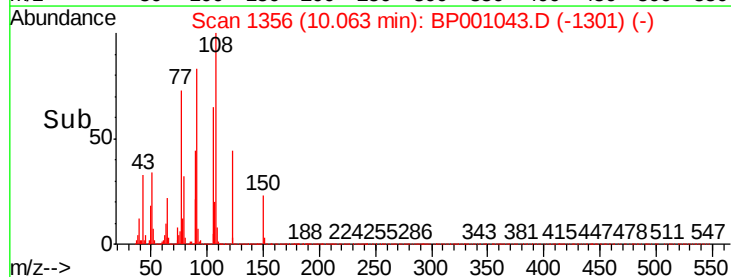
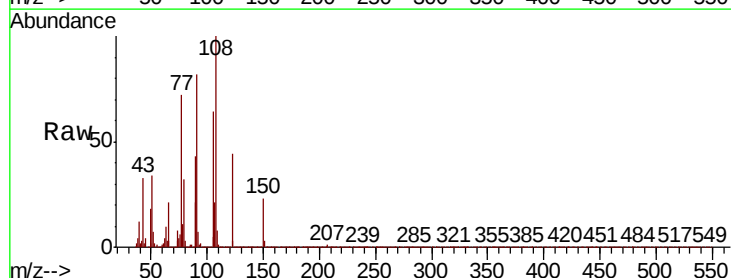
mohammad

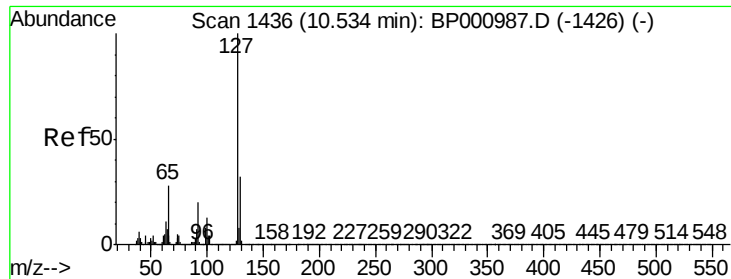
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#32
Benzoic acid
Concen: 57.754 ng
RT: 10.06 min Scan# 1356
Delta R.T. 0.02 min
Lab File: BP001043.D
Acq: 15 Nov 2019 16:16

Tgt Ion:	122	Resp:	297574
Ion	Ratio	Lower	Upper
122	100		
105	146.7	110.5	150.5
77	166.1	77.9	117.9#





#33
4-Chloroaniline
Concen: 1.037 ng/ml
RT: 10.54 min Scan# 1437
Delta R.T. 0.01 min
Lab File: BP001043.D
Acq: 15 Nov 2019 16:16

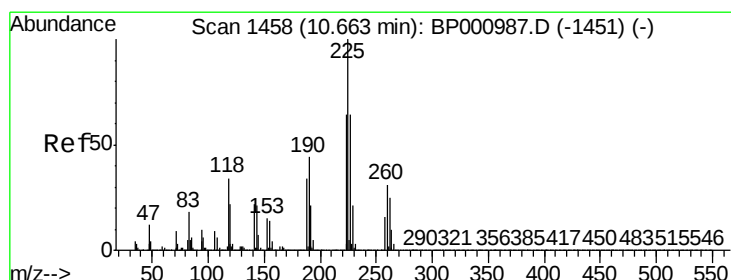
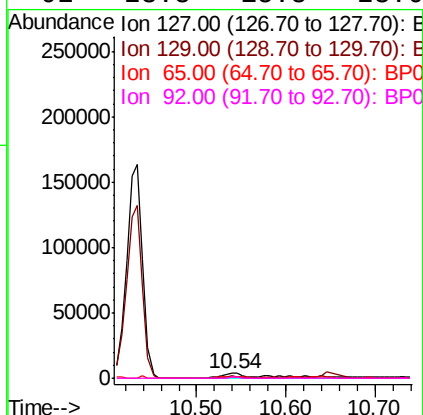
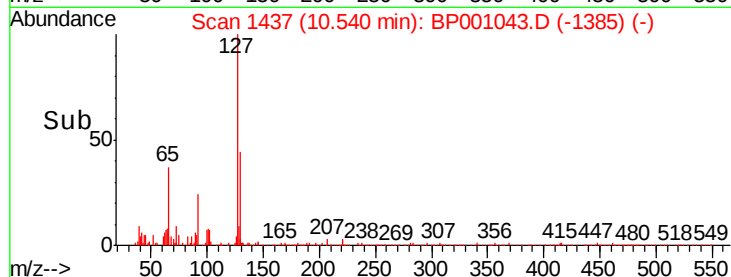
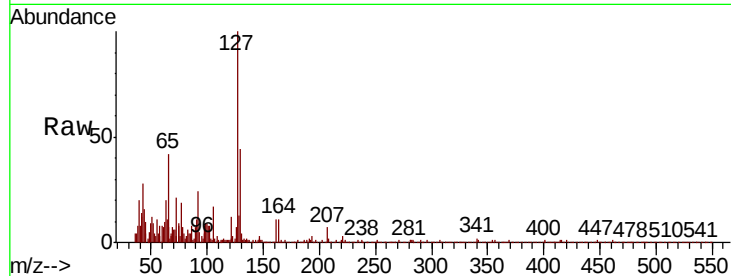
Instrument :
BNA_P
ClientSampleID :
OK-03-111219MS

Tot Ion	Ratio	Lower	Upper
127	100		
129	44.3	25.8	38.6#
65	41.5	22.7	34.1#
92	23.8	15.8	23.6#

Manual Integrations
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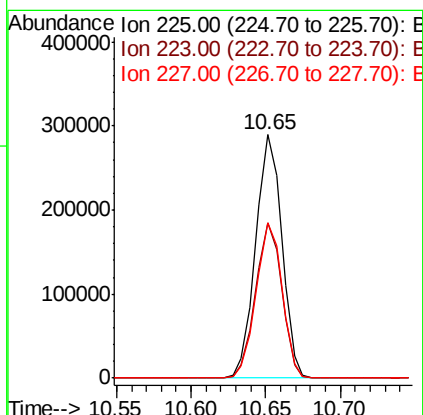
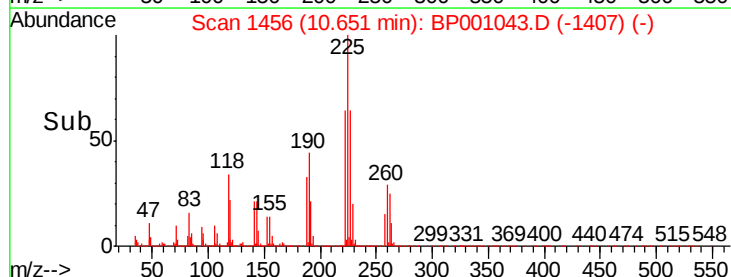
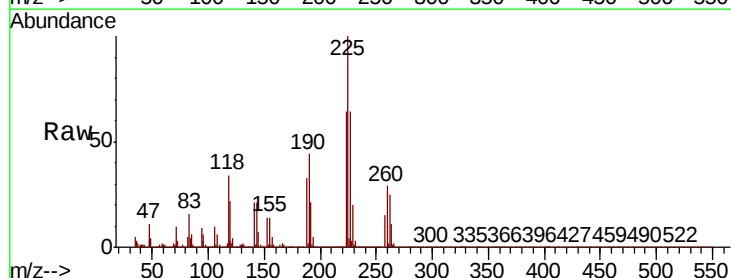
mohammad

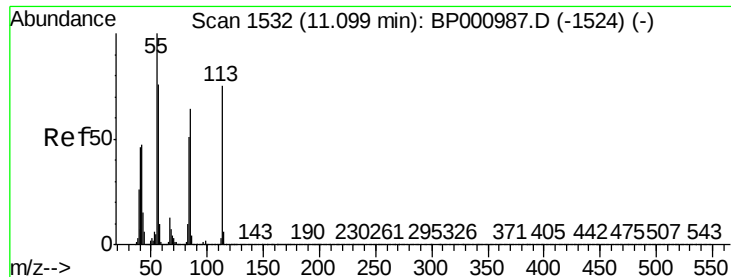
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#34
Hexachlorobutadiene
Concen: 43.127 ng
RT: 10.65 min Scan# 1456
Delta R.T. -0.01 min
Lab File: BP001043.D
Acq: 15 Nov 2019 16:16

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.7	51.1	76.7
227	63.8	51.4	77.2





#35
Caprolactam
Concen: 39.573 ng/ml
RT: 11.09 min Scan# 1531
Delta R.T. -0.01 min
Lab File: BP001043.D
Acq: 15 Nov 2019 16:16

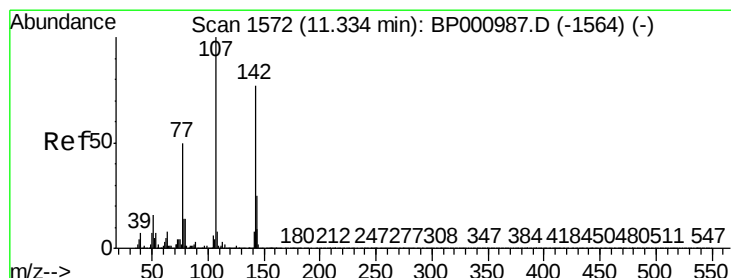
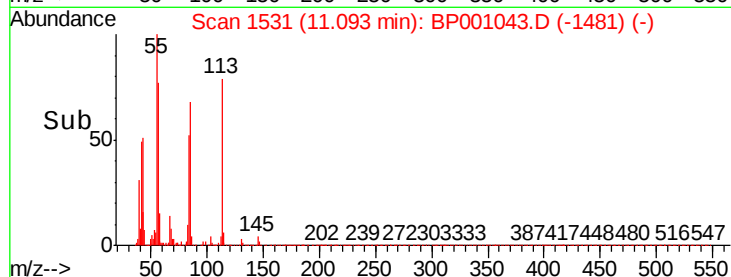
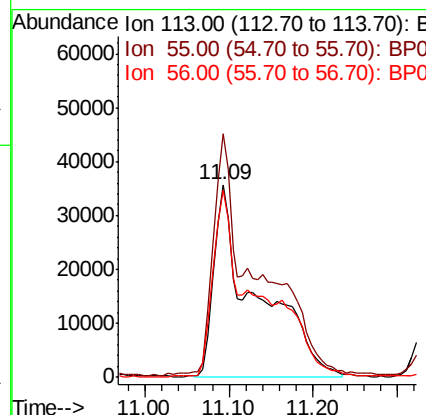
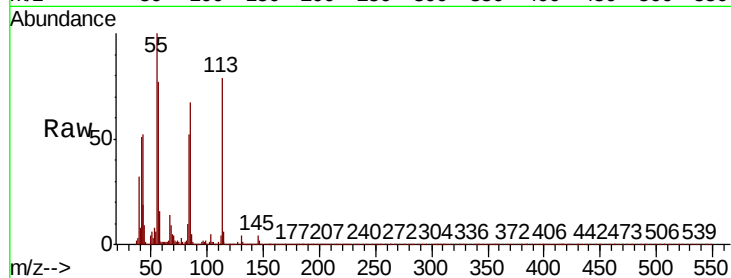
Instrument :
BNA_P
ClientSampleId :
OK-03-111219MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
113	100				
55	126.6		114.2	154.2	
56	97.3		81.9	121.9	

Manual Integrations
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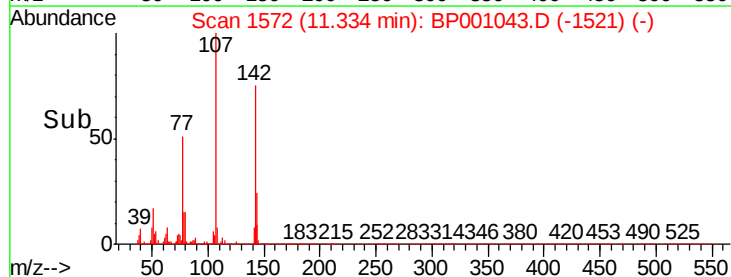
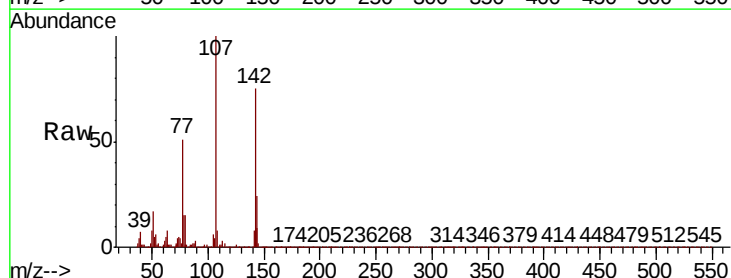
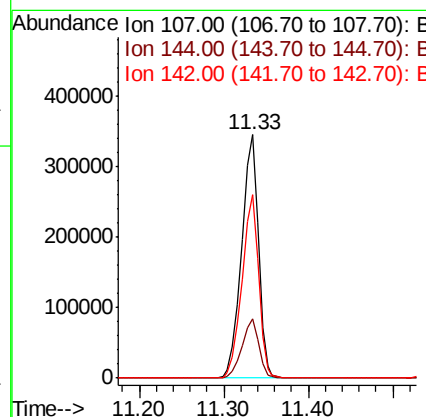
mohammad

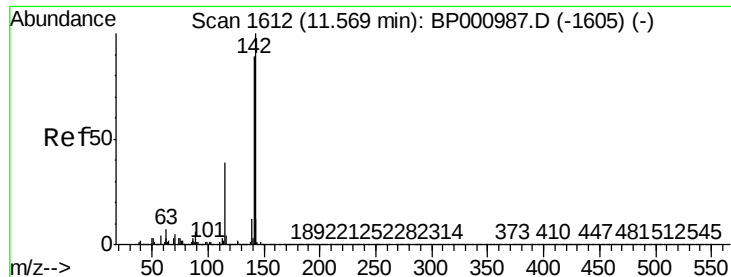
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#36
4-Chloro-3-methylphenol
Concen: 45.422 ng/ml
RT: 11.33 min Scan# 1572
Delta R.T. -0.00 min
Lab File: BP001043.D
Acq: 15 Nov 2019 16:16

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100				
144	24.4		20.0	30.0	
142	75.4		61.9	92.9	





#37

2-Methylnaphthalene

Concen: 47.815 ng

RT: 11.56 min Scan# 1611

Delta R.T. -0.01 min

Lab File: BP001043.D

Acq: 15 Nov 2019 16:16

Instrument :

BNA_P

ClientSampleId :

OK-03-111219MS

Tot Ion:142 Resp: 1088787

Ion Ratio Lower Upper

142 100

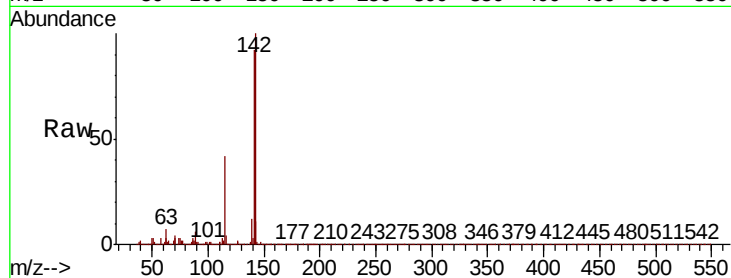
141 91.8 71.5 107.3

115 42.2 30.8 46.2

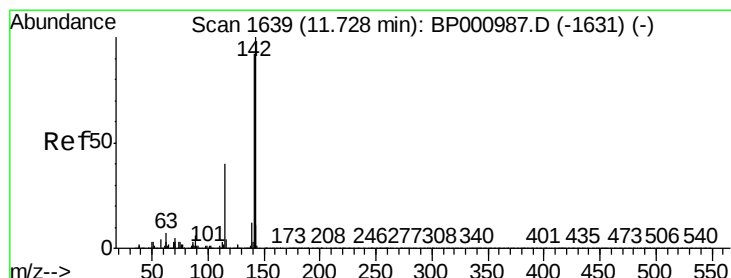
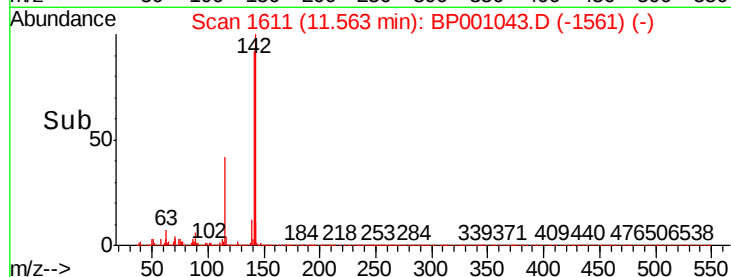
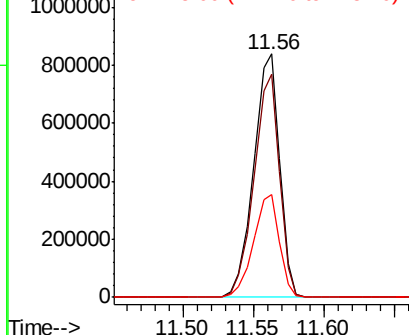
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Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E



#38

1-Methylnaphthalene

Concen: 47.467 ng

RT: 11.72 min Scan# 1638

Delta R.T. -0.01 min

Lab File: BP001043.D

Acq: 15 Nov 2019 16:16

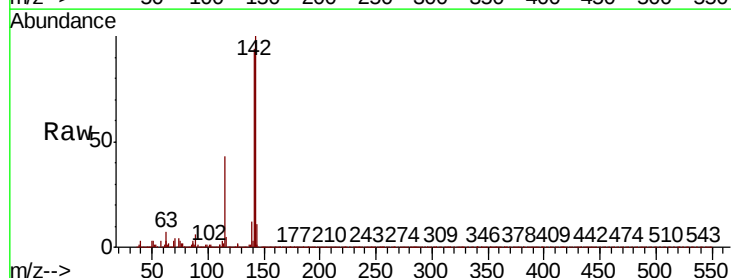
Tgt Ion:142 Resp: 1021298

Ion Ratio Lower Upper

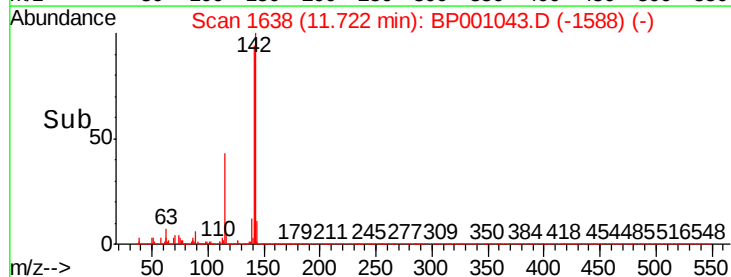
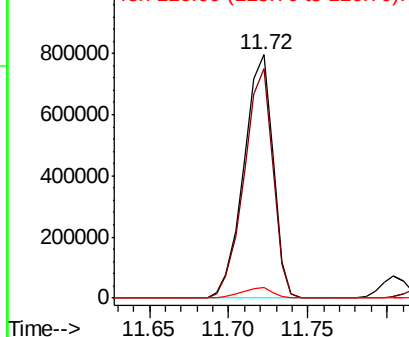
142 100

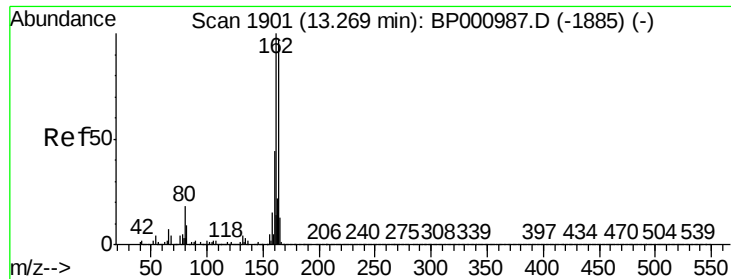
141 94.2 73.9 110.9

116 4.6 3.4 5.0



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





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 13.26 min Scan# 1899

Delta R.T. -0.01 min

Lab File: BP001043.D

Acq: 15 Nov 2019 16:16

Instrument :

BNA_P

ClientSampleId :

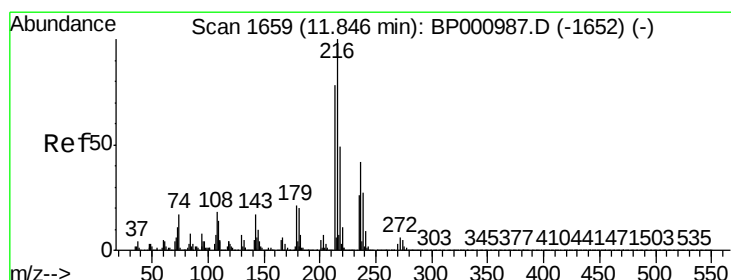
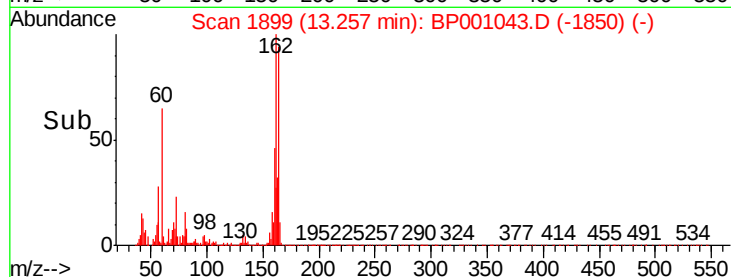
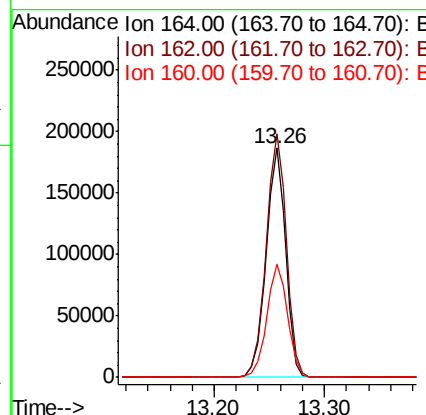
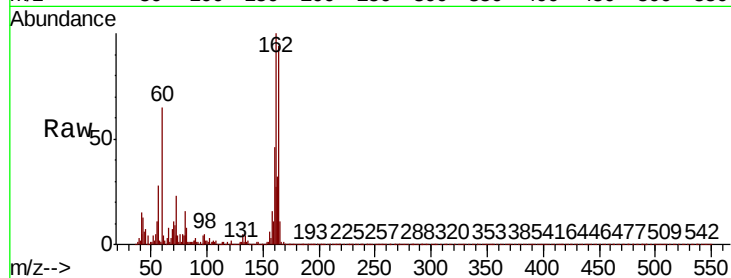
OK-03-111219MS

Tot Ion:	164	Resp:	231595
Ion Ratio	Lower	Upper	
164	100		
162	106.2	82.6	123.8
160	49.0	36.5	54.7

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#40

1,2,4,5-Tetrachlorobenzene

Concen: 77.346 ng

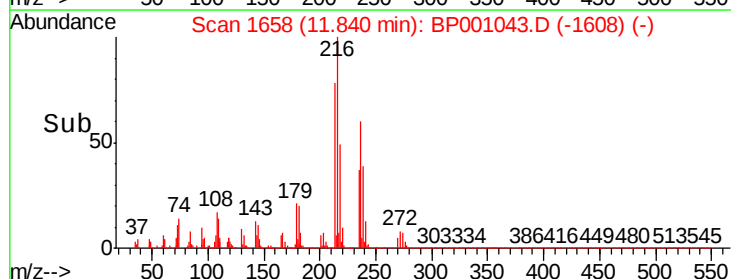
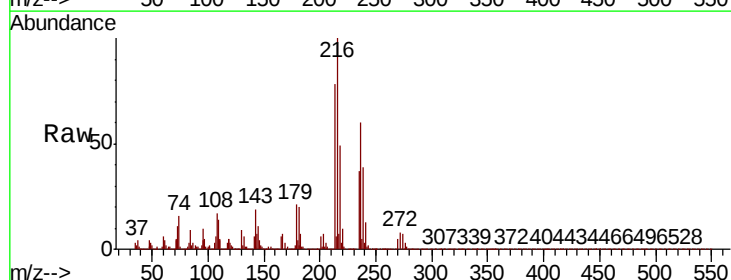
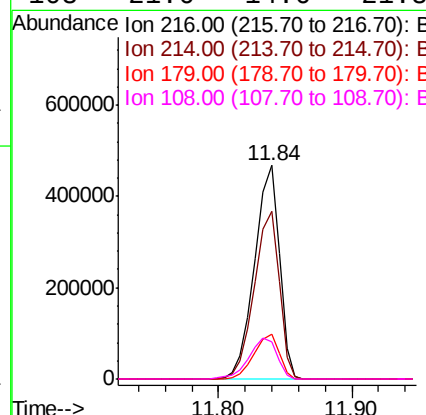
RT: 11.84 min Scan# 1658

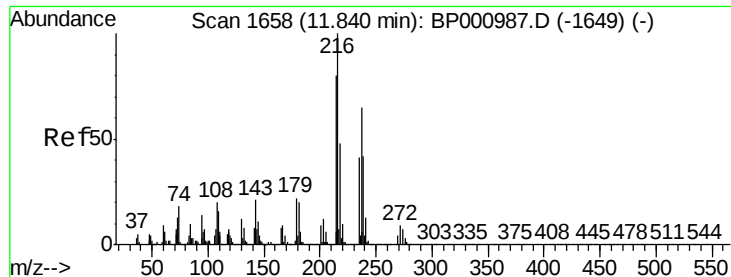
Delta R.T. -0.01 min

Lab File: BP001043.D

Acq: 15 Nov 2019 16:16

Tgt Ion:	216	Resp:	596458
Ion Ratio	Lower	Upper	
216	100		
214	79.0	62.8	94.2
179	21.5	16.8	25.2
108	21.6	14.6	21.8





#41
Hexachlorocyclopentadiene
Concen: 185.633 ng
RT: 11.83 min Scan# 1657
Delta R.T. -0.01 min
Lab File: BP001043.D
Acq: 15 Nov 2019 16:16

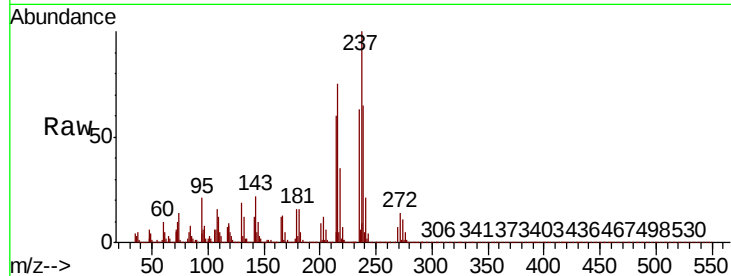
Instrument :
BNA_P
ClientSampleId :
OK-03-111219MS

Tot Ion	Ratio	Resp Lower	Upper
237	100		
235	62.8	43.1	83.1
272	13.6	0.0	33.1

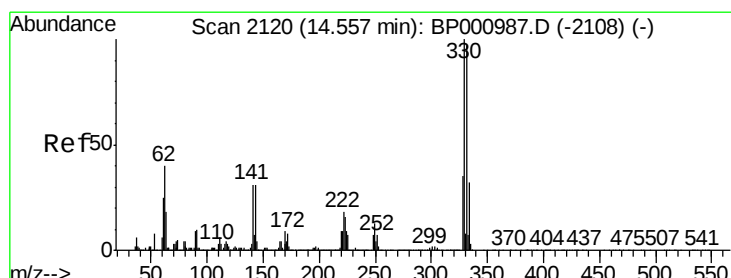
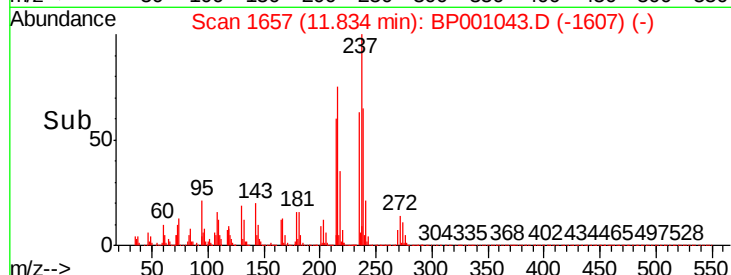
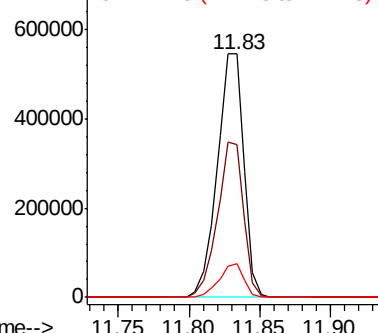
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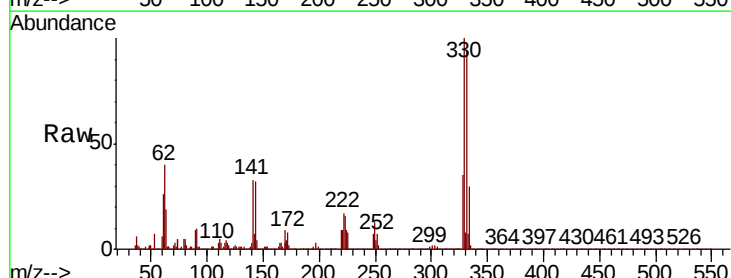


Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E

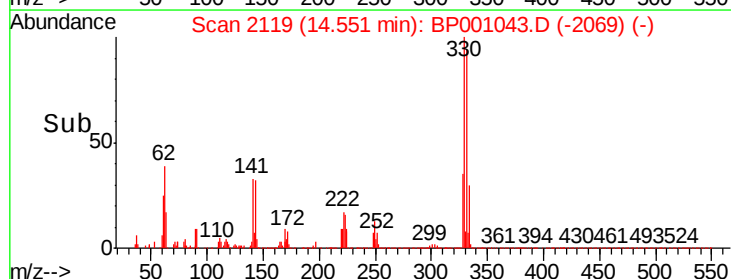
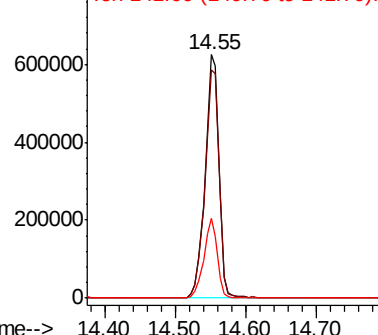


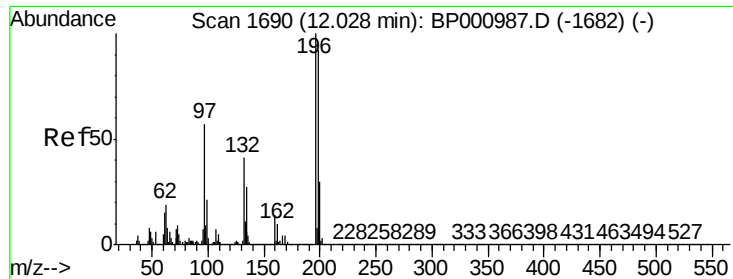
#42
2,4,6-Tribromophenol
Concen: 307.707 ng
RT: 14.55 min Scan# 2119
Delta R.T. -0.01 min
Lab File: BP001043.D
Acq: 15 Nov 2019 16:16

Tgt Ion	Ratio	Resp Lower	Upper
330	100		
332	96.3	78.3	117.5
141	31.8	25.0	37.4



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: 87.190 ng
RT: 12.02 min Scan# 1689
Delta R.T. -0.01 min
Lab File: BP001043.D
Acq: 15 Nov 2019 16:16

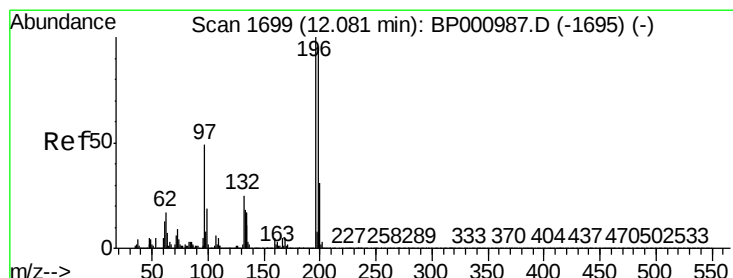
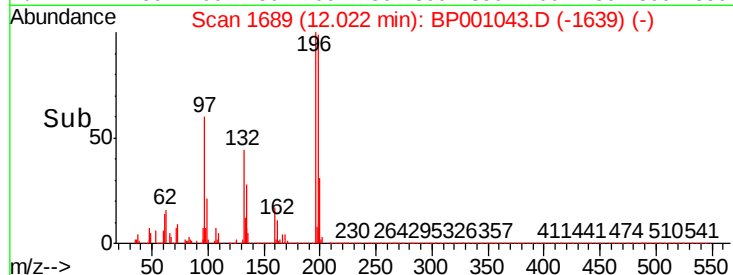
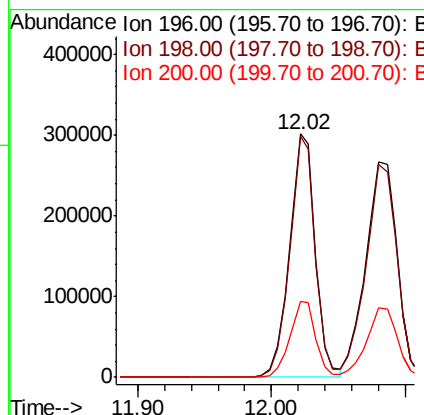
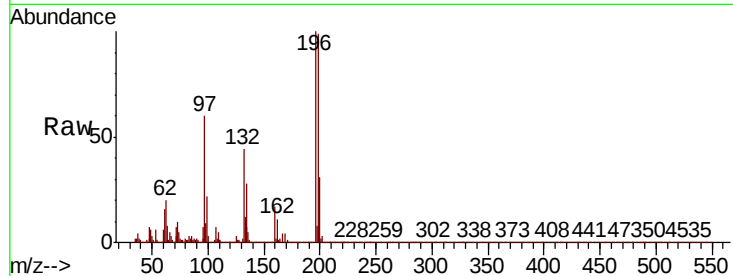
Instrument :
BNA_P
ClientSampleId :
OK-03-111219MS

Tot Ion	Ratio	Lower	Upper
196	100		
198	99.0	74.0	111.0
200	31.3	24.2	36.4

Manual Integrations
APPROVED

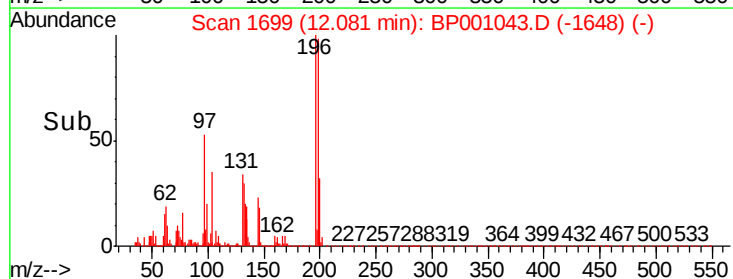
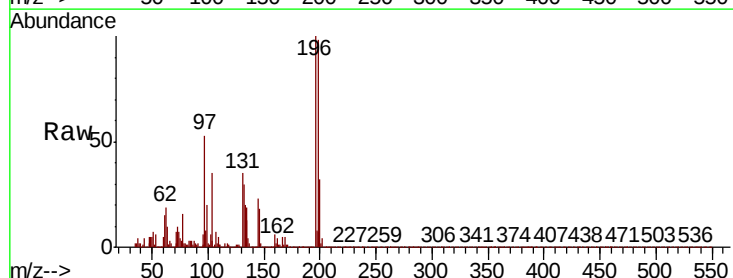
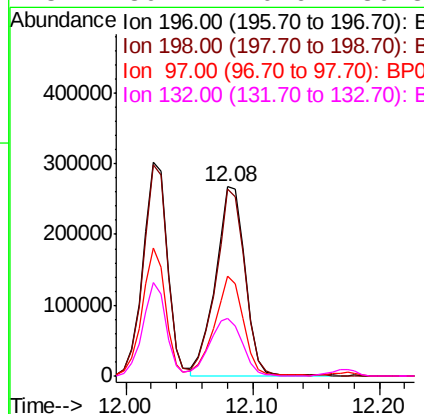
mohammad

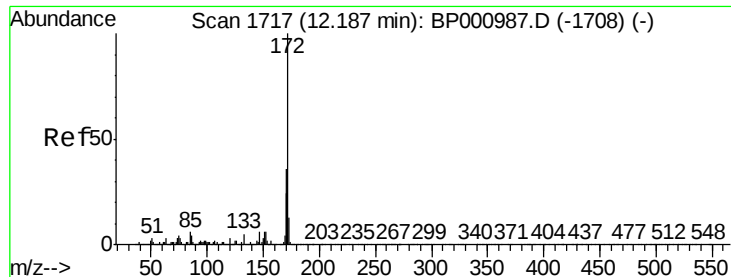
11/18/2019 3:06:23 PM



#44
2,4,5-Trichlorophenol
Concen: 87.367 ng
RT: 12.08 min Scan# 1699
Delta R.T. -0.00 min
Lab File: BP001043.D
Acq: 15 Nov 2019 16:16

Tgt Ion	Ratio	Lower	Upper
196	100		
198	98.5	76.3	114.5
97	52.7	39.1	58.7
132	30.4	20.6	30.8





#45
2-Fluorobiphenyl
Concen: 158.399 ng
RT: 12.17 min Scan# 1715
Delta R.T. -0.01 min
Lab File: BP001043.D
Acq: 15 Nov 2019 16:16

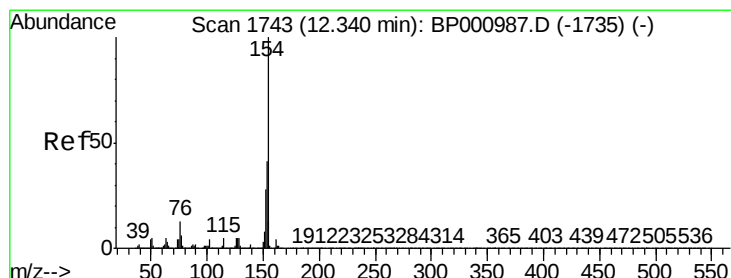
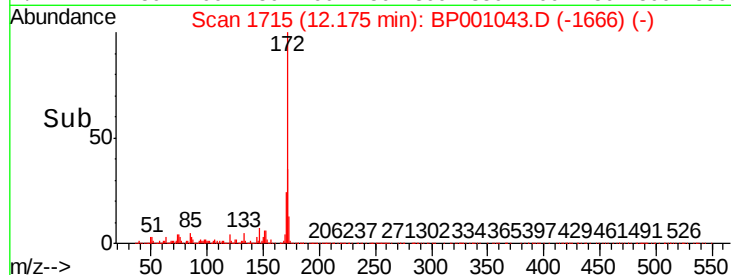
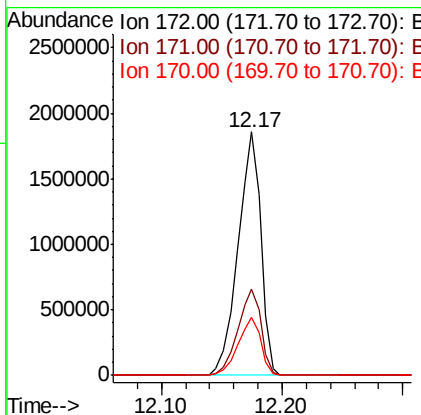
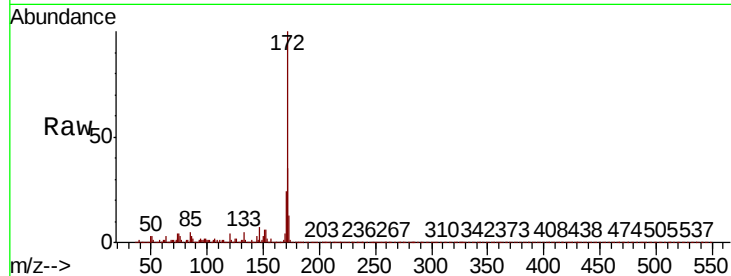
Instrument :
BNA_P
ClientSampleId :
OK-03-111219MS

Tot Ion	Ratio	Lower	Upper
172	100		
171	35.5	28.5	42.7
170	23.6	18.9	28.3

Manual Integrations
APPROVED

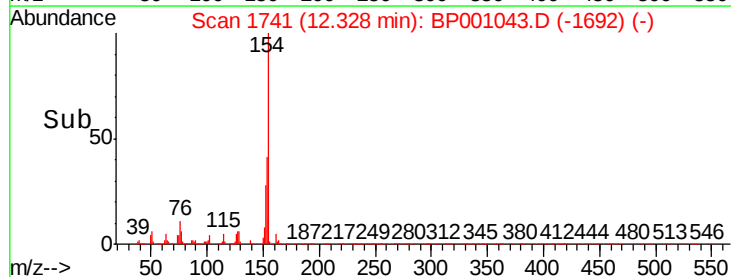
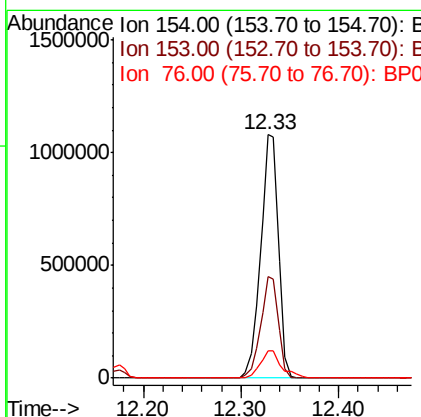
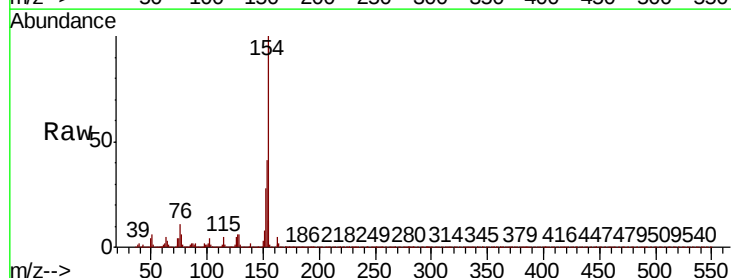
mohammad

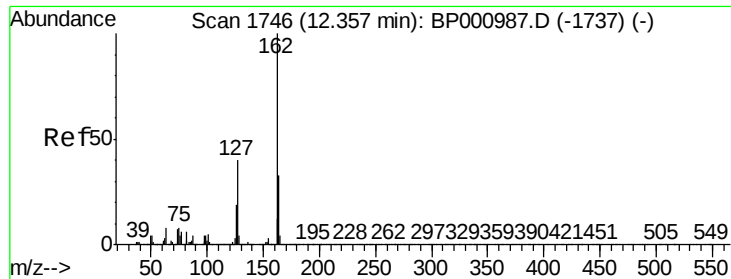
11/18/2019 3:06:23 PM



#46
1,1'-Biphenyl
Concen: 80.266 ng
RT: 12.33 min Scan# 1741
Delta R.T. -0.01 min
Lab File: BP001043.D
Acq: 15 Nov 2019 16:16

Tgt Ion	Ratio	Lower	Upper
154	100		
153	41.5	20.9	60.9
76	11.2	0.0	32.5





#47
2-Chloronaphthalene
Concen: 77.639 ng
RT: 12.35 min Scan# 1745
Delta R.T. -0.01 min
Lab File: BP001043.D
Acq: 15 Nov 2019 16:16

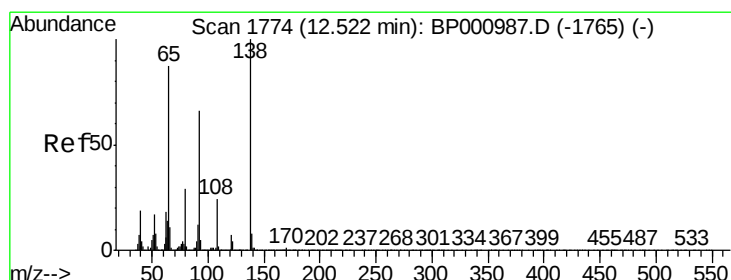
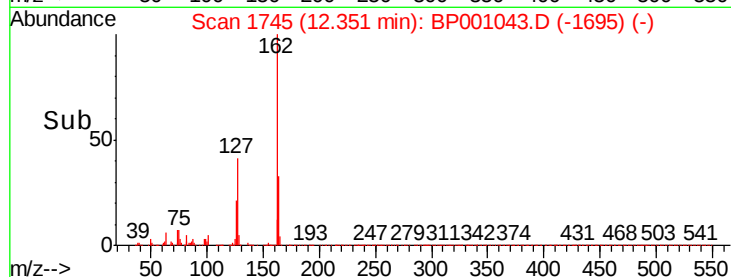
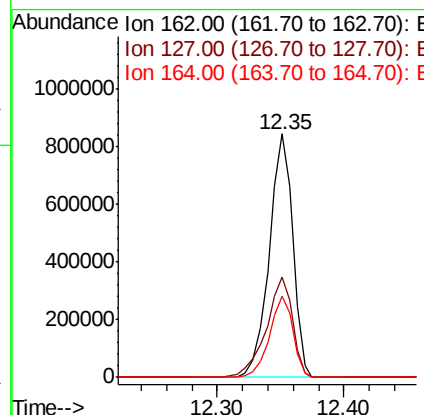
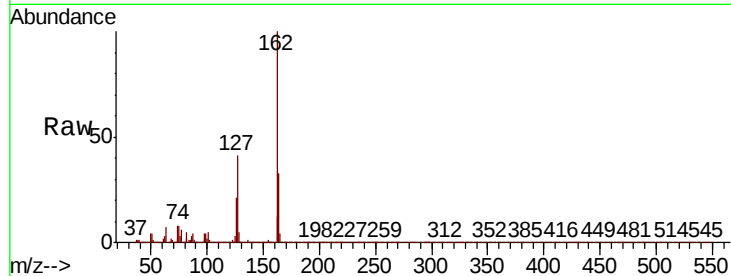
Instrument :
BNA_P
ClientSampleId :
OK-03-111219MS

Tot Ion:	162	Resp:	1082318
Ion	Ratio	Lower	Upper
162	100		
127	41.4	32.1	48.1
164	33.3	26.1	39.1

Manual Integrations
APPROVED

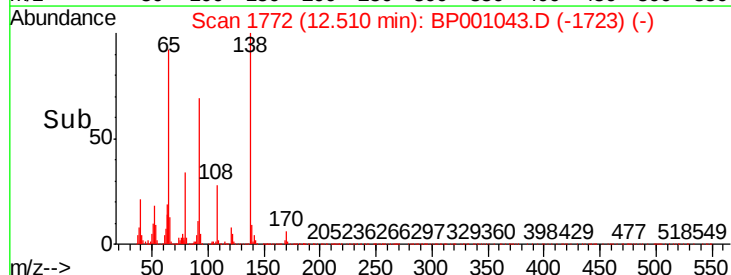
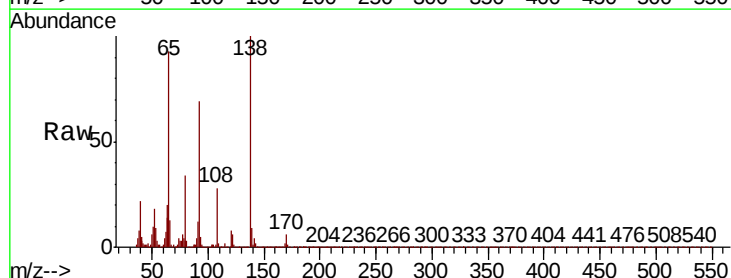
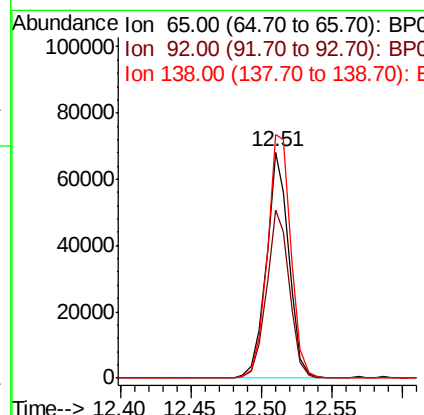
mohammad

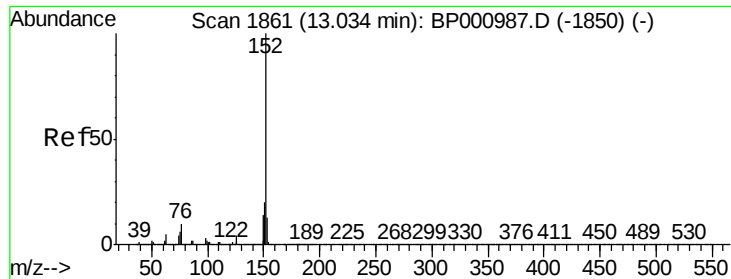
11/18/2019 3:06:23 PM



#48
2-Nitroaniline
Concen: 20.884 ng
RT: 12.51 min Scan# 1772
Delta R.T. -0.01 min
Lab File: BP001043.D
Acq: 15 Nov 2019 16:16

Tgt Ion:	65	Resp:	76205
Ion	Ratio	Lower	Upper
65	100		
92	74.4	61.4	92.2
138	107.8	92.5	138.7





#49

Acenaphthylene

Concen: 25.503 ng

RT: 13.02 min Scan# 1859

Delta R.T. -0.01 min

Lab File: BP001043.D

Acq: 15 Nov 2019 16:16

Instrument :

BNA_P

ClientSampleId :

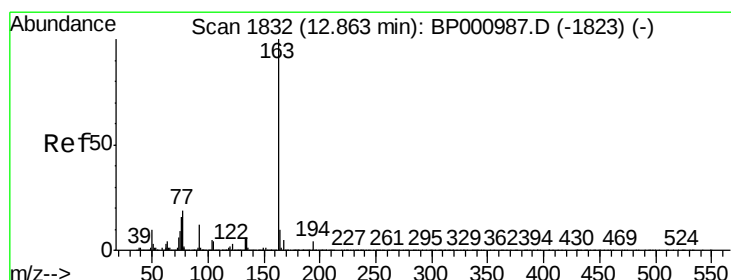
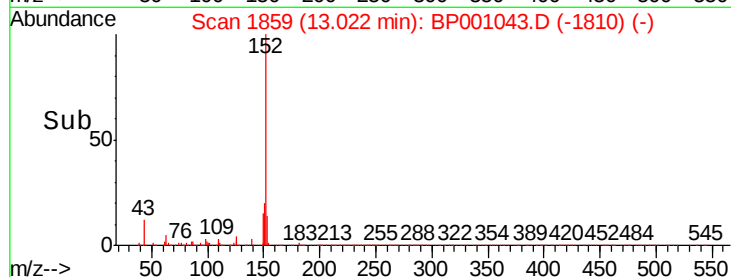
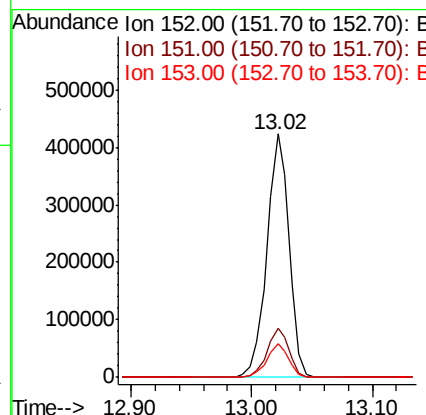
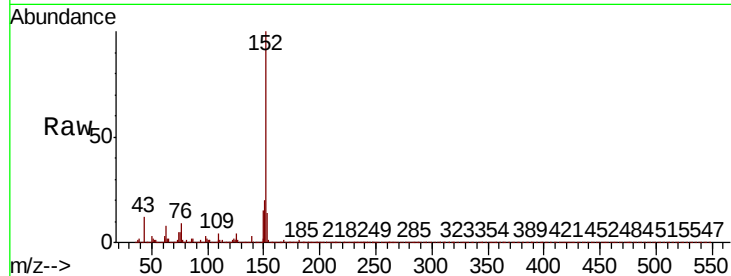
OK-03-111219MS

Tot Ion:	152	Resp:	540494
Ion Ratio		Lower	Upper
152	100		
151	20.1	16.0	24.0
153	13.6	10.6	16.0

Manual Integrations
APPROVED

mohammad

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#50

Dimethylphthalate

Concen: 83.253 ng

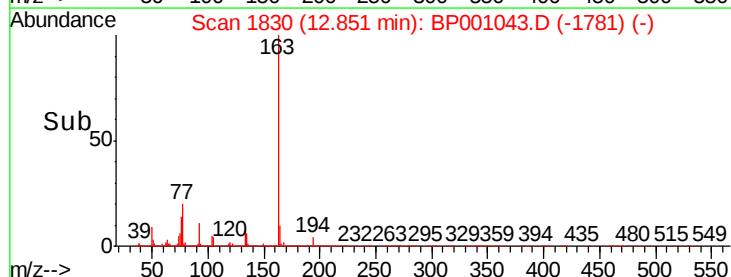
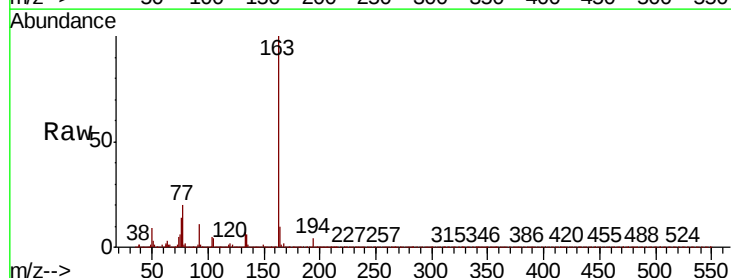
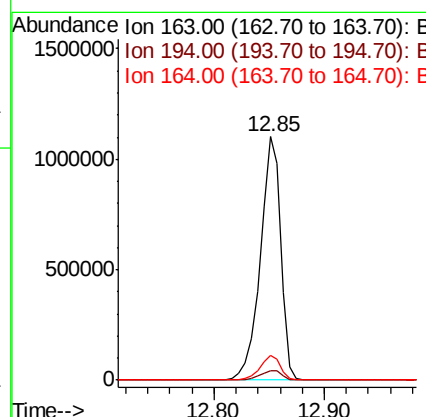
RT: 12.85 min Scan# 1830

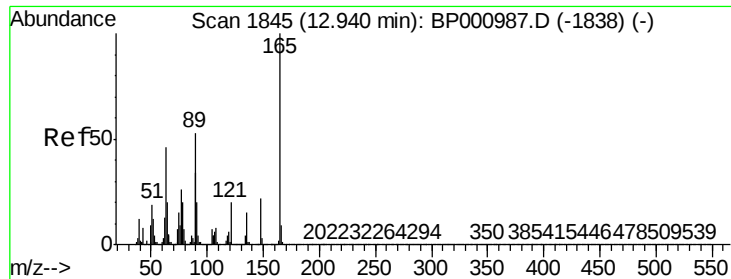
Delta R.T. -0.01 min

Lab File: BP001043.D

Acq: 15 Nov 2019 16:16

Tgt Ion:	163	Resp:	1425720
Ion Ratio		Lower	Upper
163	100		
194	4.1	3.4	5.2
164	9.9	7.9	11.9





#51
2,6-Dinitrotoluene
Concen: 88.510 ng
RT: 12.93 min Scan# 1844
Delta R.T. -0.01 min
Lab File: BP001043.D
Acq: 15 Nov 2019 16:16

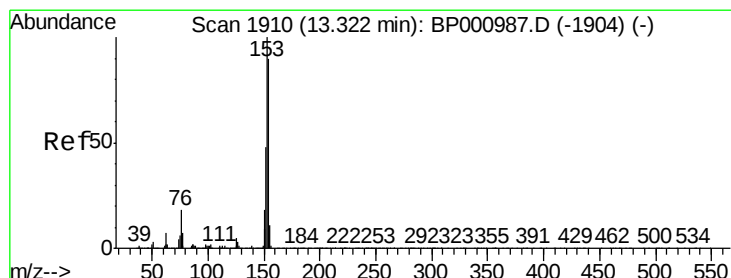
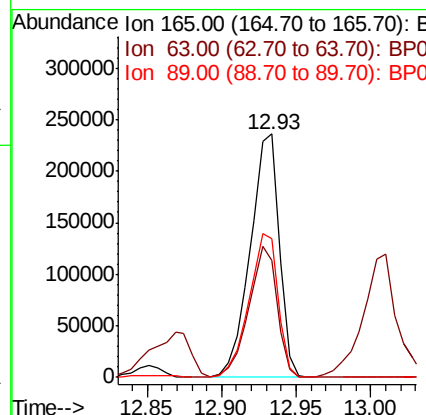
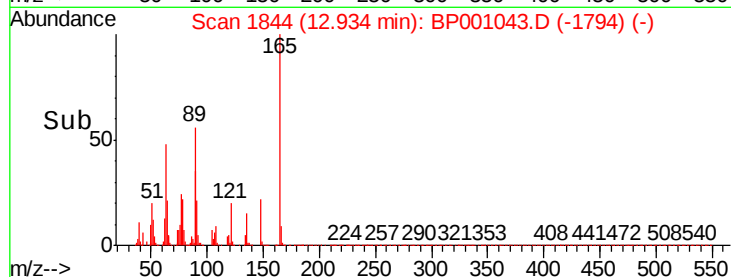
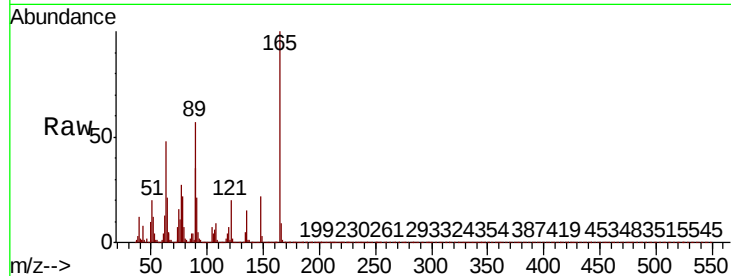
Instrument :
BNA_P
ClientSampleId :
OK-03-111219MS

Tot Ion	Ratio	Lower	Upper
165	100		
63	48.1	36.7	55.1
89	57.0	42.3	63.5

Manual Integrations
APPROVED

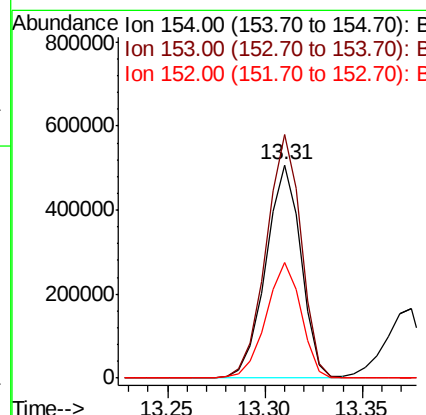
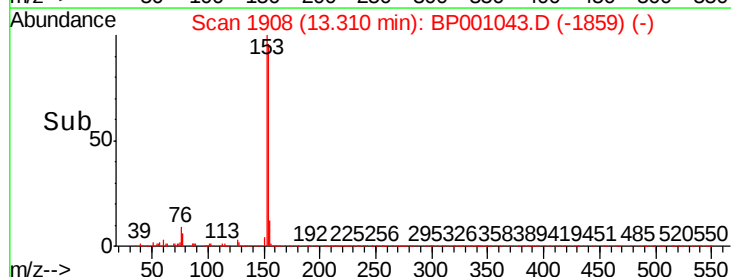
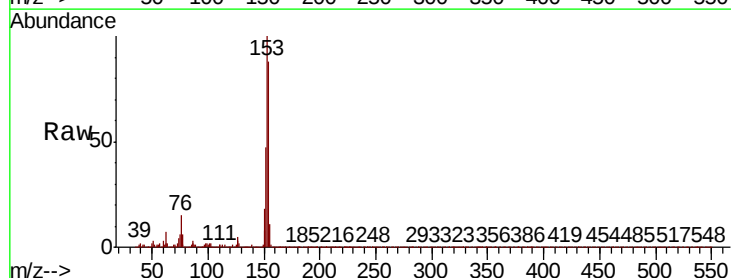
mohammad

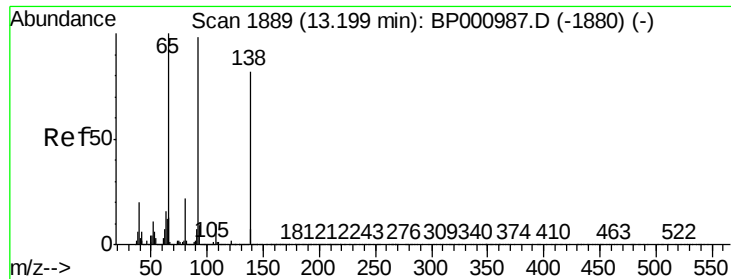
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#52
Acenaphthene
Concen: 49.901 ng
RT: 13.31 min Scan# 1908
Delta R.T. -0.01 min
Lab File: BP001043.D
Acq: 15 Nov 2019 16:16

Tgt Ion	Ratio	Lower	Upper
154	100		
153	114.3	88.9	133.3
152	54.0	42.4	63.6





#53
3-Nitroaniline
Concen: 4.036 ng
RT: 13.19 min Scan# 1887
Delta R.T. -0.01 min
Lab File: BP001043.D
Acq: 15 Nov 2019 16:16

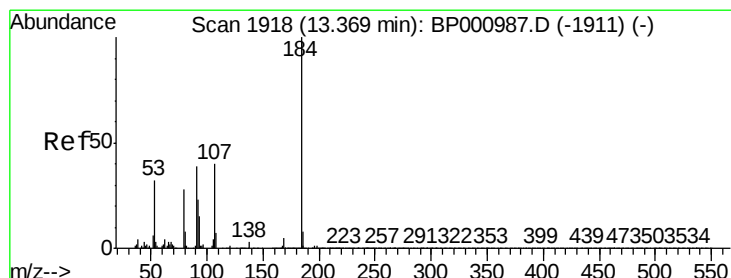
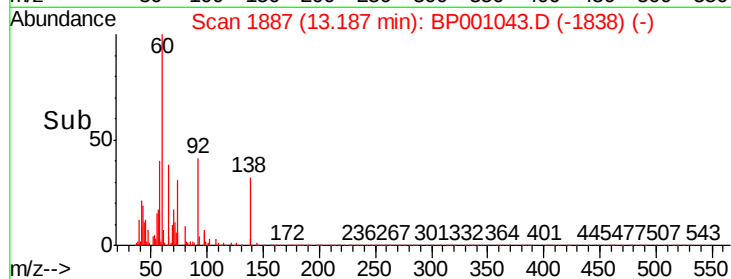
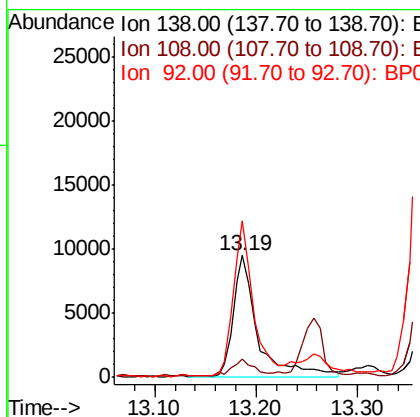
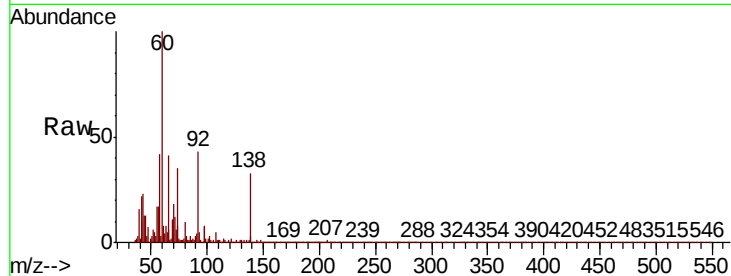
Instrument :
BNA_P
ClientSampleId :
OK-03-111219MS

Tot Ion	Ion	Ratio	Lower	Upper
138	100			
108	15.2	10.1	15.1#	
92	129.0	95.4	143.0	

Manual Integrations
APPROVED

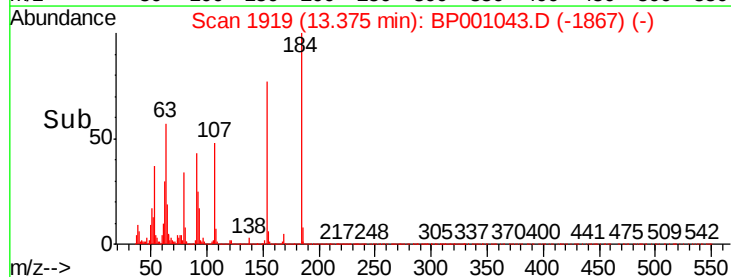
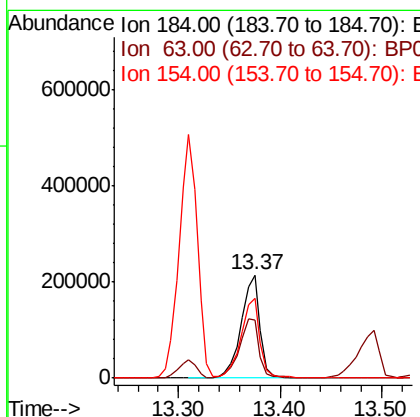
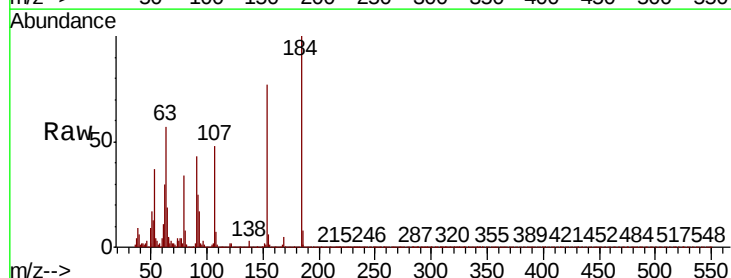
mohammad

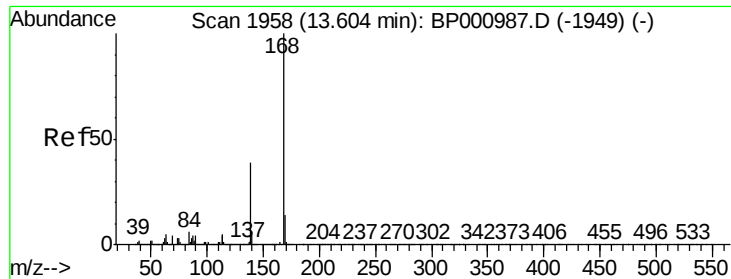
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#54
2,4-Dinitrophenol
Concen: 234.199 ng
RT: 13.37 min Scan# 1919
Delta R.T. 0.01 min
Lab File: BP001043.D
Acq: 15 Nov 2019 16:16

Tgt Ion	Ion	Ratio	Lower	Upper
184	100			
63	56.7	41.0	61.6	
154	77.1	48.1	72.1#	





#55
Dibenzofuran
Concen: 82.430 ng
RT: 13.60 min Scan# 1957
Delta R.T. -0.01 min
Lab File: BP001043.D
Acq: 15 Nov 2019 16:16

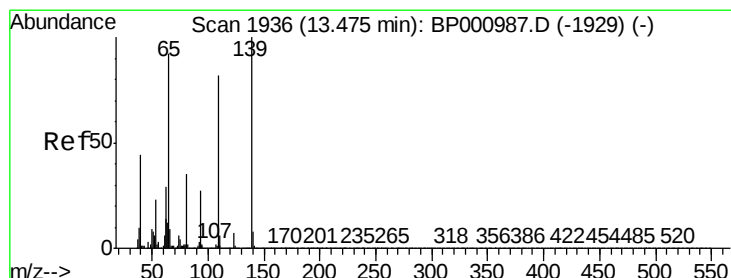
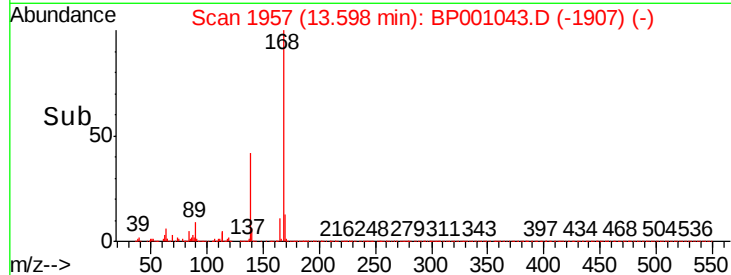
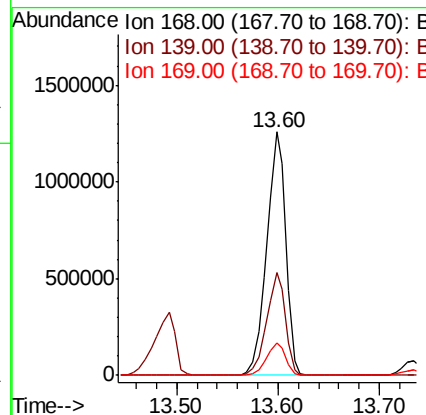
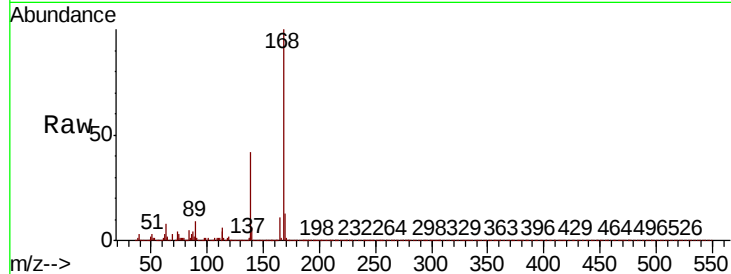
Instrument :
BNA_P
ClientSampleId :
OK-03-111219MS

Tot Ion:168	Resp: 1632009		
Ion	Ratio	Lower	Upper
168	100		
139	42.2	30.9	46.3
169	13.2	10.9	16.3

Manual Integrations
APPROVED

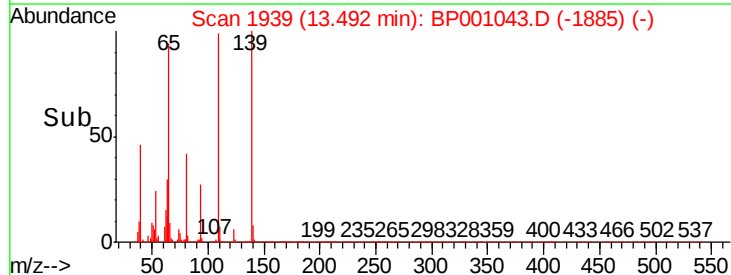
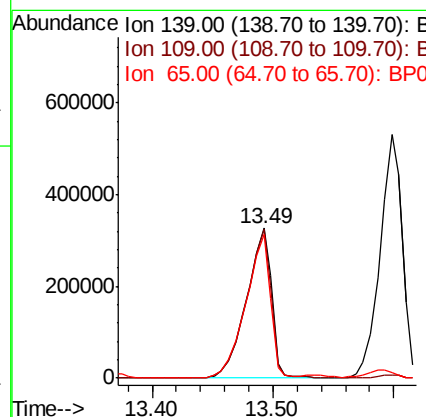
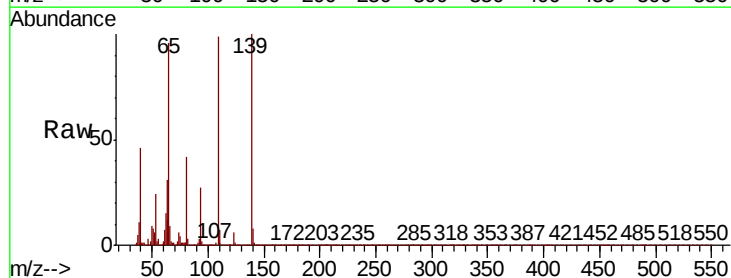
mohammad

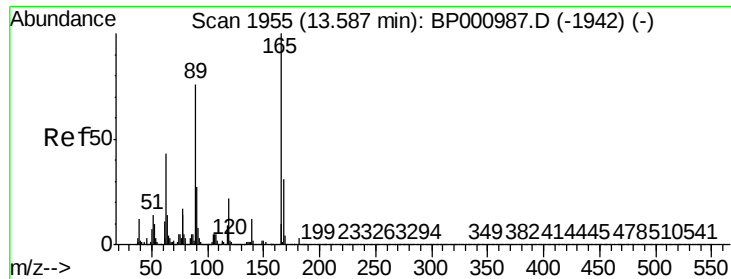
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#56
4-Nitrophenol
Concen: 176.313 ng
RT: 13.49 min Scan# 1939
Delta R.T. 0.02 min
Lab File: BP001043.D
Acq: 15 Nov 2019 16:16

Tgt	Ion:139	Resp:	477712
Ion	Ratio	Lower	Upper
139	100		
109	99.4	61.6	101.6
65	95.8	72.0	112.0





#57
2,4-Dinitrotoluene
Concen: 96.253 ng
RT: 13.59 min Scan# 1956
Delta R.T. 0.01 min
Lab File: BP001043.D
Acq: 15 Nov 2019 16:16

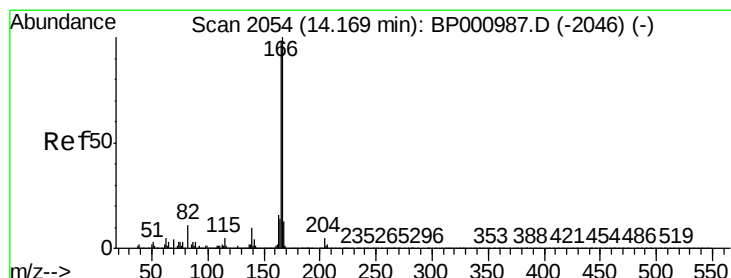
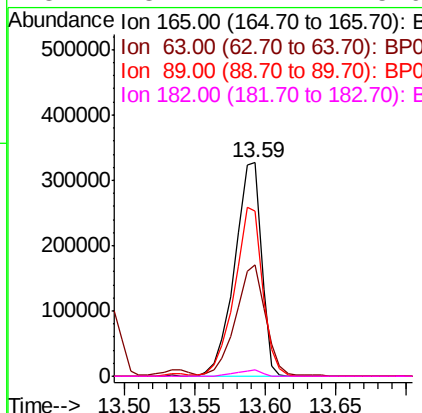
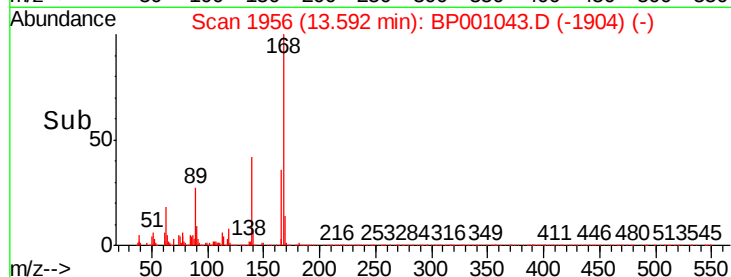
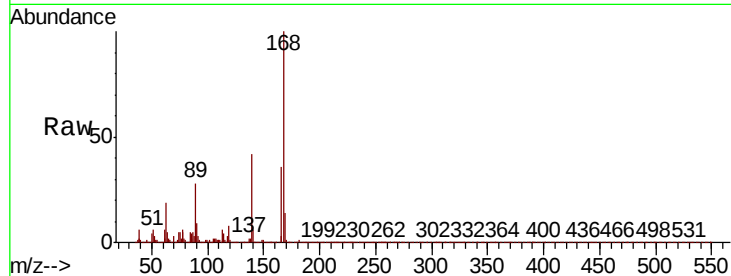
Instrument :
BNA_P
ClientSampleId :
OK-03-111219MS

Tot Ion	Ratio	Lower	Upper
165	100		
63	52.1	34.3	51.5#
89	77.6	60.5	90.7
182	3.1	2.4	3.6

Manual Integrations
APPROVED

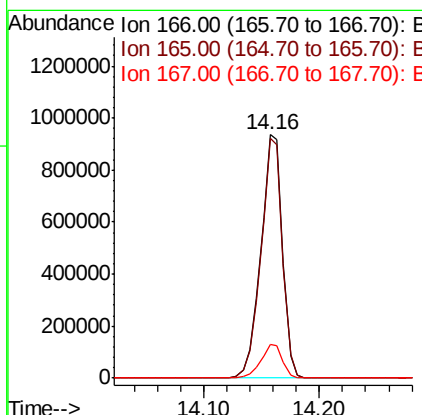
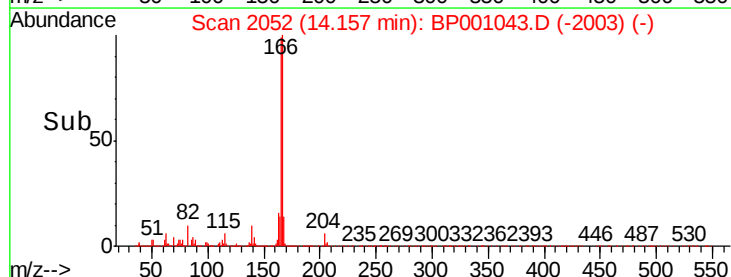
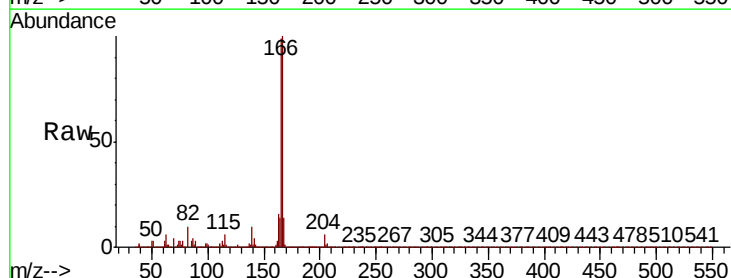
mohammad

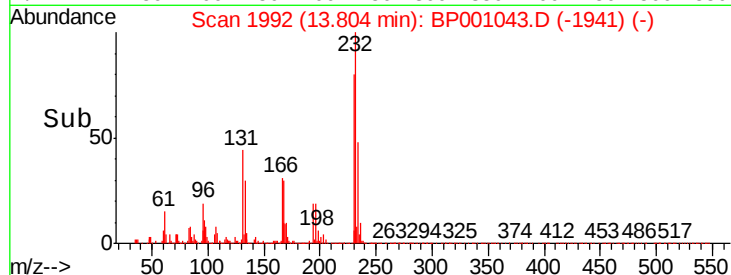
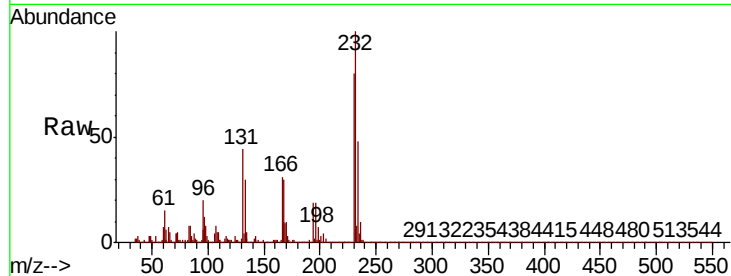
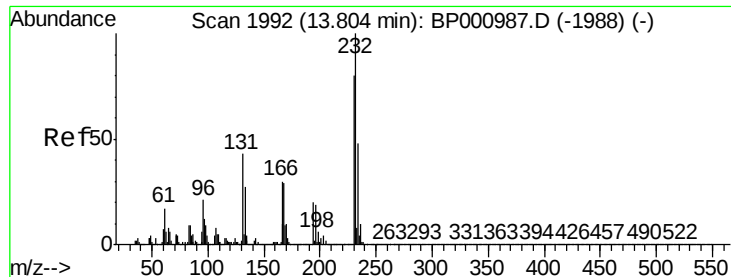
11/18/2019 3:06:23 PM



#58
Fluorene
Concen: 77.551 ng
RT: 14.16 min Scan# 2052
Delta R.T. -0.01 min
Lab File: BP001043.D
Acq: 15 Nov 2019 16:16

Tgt Ion	Ratio	Lower	Upper
166	100		
165	98.6	78.2	117.2
167	13.7	10.7	16.1





#59
2,3,4,6-Tetrachlorophenol
Concen: 96.624 ng
RT: 13.80 min Scan# 1992
Delta R.T. -0.00 min
Lab File: BP001043.D
Acq: 15 Nov 2019 16:16

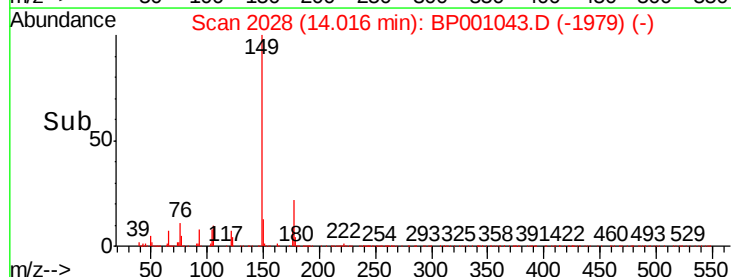
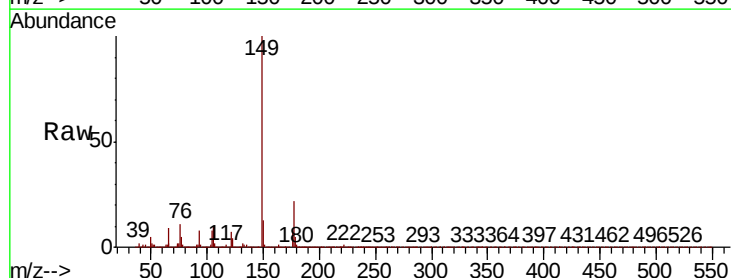
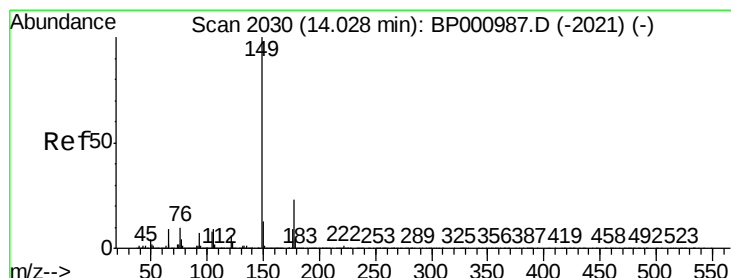
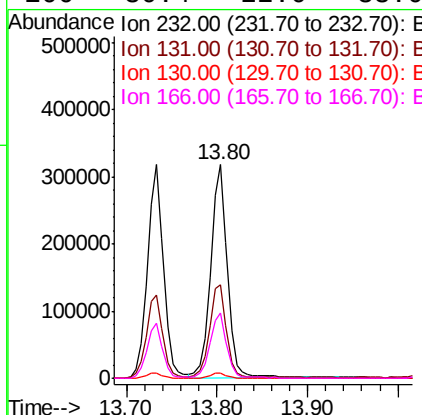
Instrument :
BNA_P
ClientSampleId :
OK-03-111219MS

Tot Ion	Ratio	Lower	Upper
232	100		
131	44.4	32.2	48.2
130	2.7	1.7	2.5
166	30.4	22.0	33.0

Manual Integrations
APPROVED

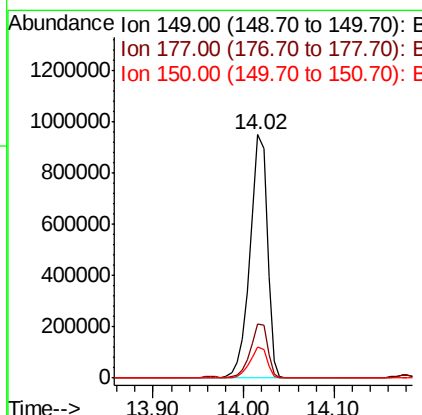
mohammad

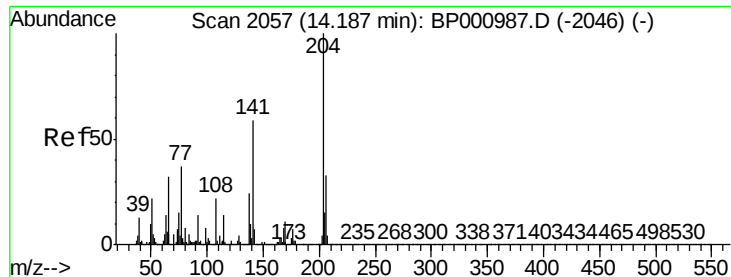
11/18/2019 3:06:23 PM



#60
Diethylphthalate
Concen: 72.567 ng
RT: 14.02 min Scan# 2028
Delta R.T. -0.01 min
Lab File: BP001043.D
Acq: 15 Nov 2019 16:16

Tgt Ion	Ratio	Lower	Upper
149	100		
177	22.3	18.5	27.7
150	12.9	10.2	15.2





#61
4-Chlorophenyl-phenylether
Concen: 83.236 ng
RT: 14.18 min Scan# 2056
Delta R.T. -0.01 min
Lab File: BP001043.D
Acq: 15 Nov 2019 16:16

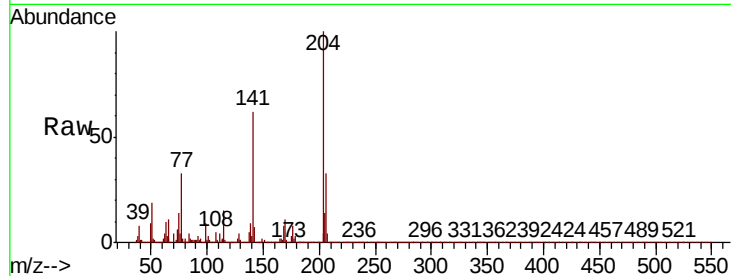
Instrument :
BNA_P
ClientSampleId :
OK-03-111219MS

Tot Ion	Ratio	Lower	Upper
204	100		
206	33.5	26.5	39.7
141	62.4	46.9	70.3

Manual Integrations
APPROVED

mohammad

11/18/2019 3:06:23 PM

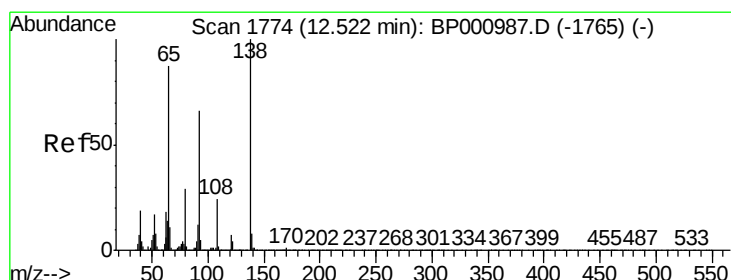
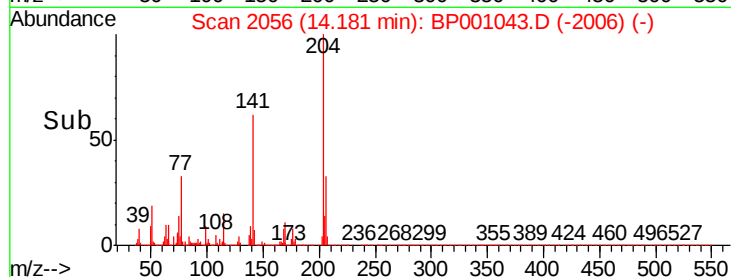
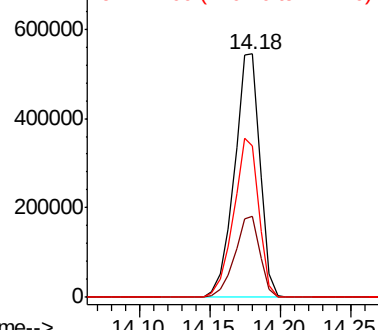


Abundance

Ion 204.00 (203.70 to 204.70): E

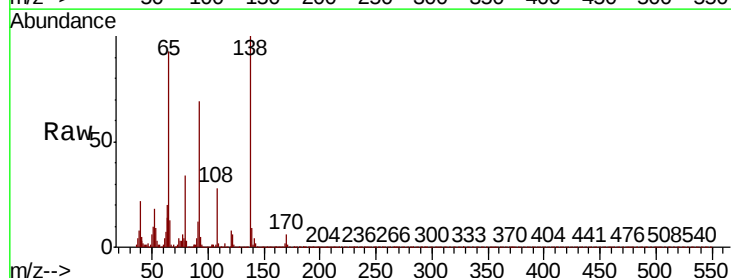
Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E



#62
4-Nitroaniline
Concen: 20.717 ng
RT: 12.51 min Scan# 1772
Delta R.T. -0.01 min
Lab File: BP001043.D
Acq: 15 Nov 2019 16:16

Tgt Ion	Ratio	Lower	Upper
138	100		
92	69.0	46.4	86.4
108	28.1	3.9	43.9

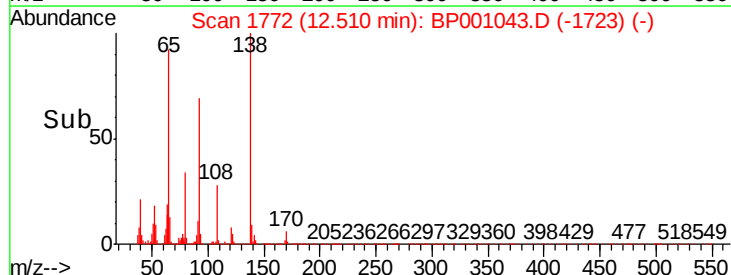
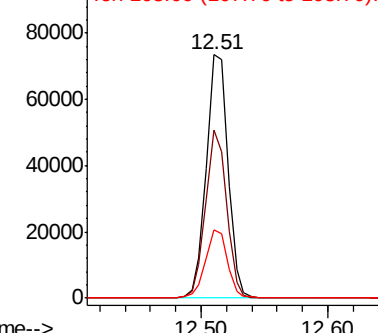


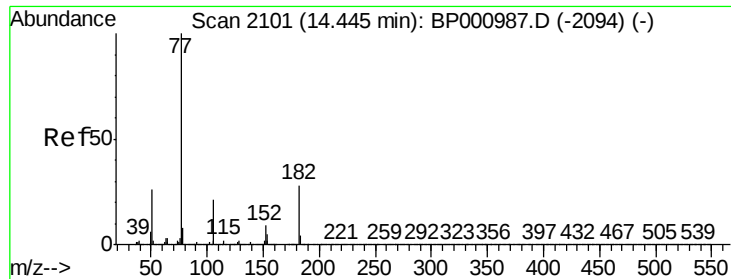
Abundance

Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BP0

Ion 108.00 (107.70 to 108.70): E





#63
Azobenzene
Concen: 21.855 ng
RT: 14.43 min Scan# 2099
Delta R.T. -0.01 min
Lab File: BP001043.D
Acq: 15 Nov 2019 16:16

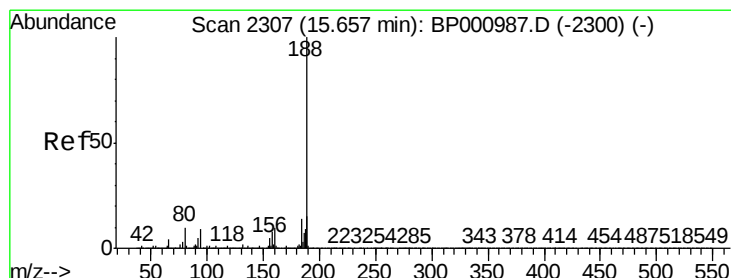
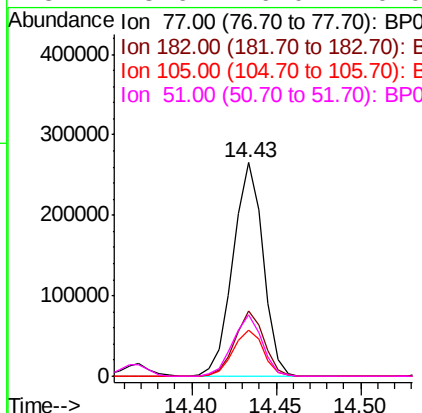
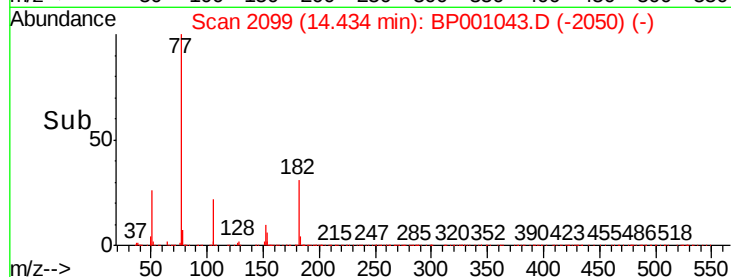
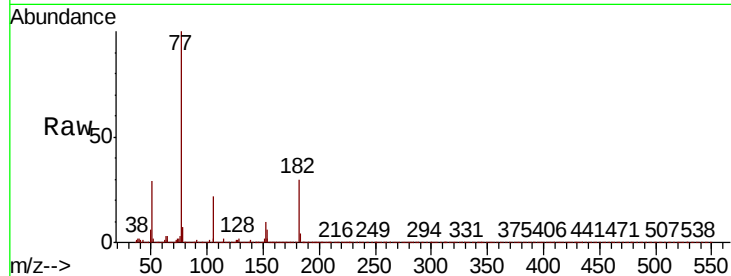
Instrument :
BNA_P
ClientSampleId :
OK-03-111219MS

Tot Ion	Ratio	Lower	Upper
77	100		
182	30.4	8.4	48.4
105	21.7	1.0	41.0
51	28.6	6.0	46.0

Manual Integrations
APPROVED

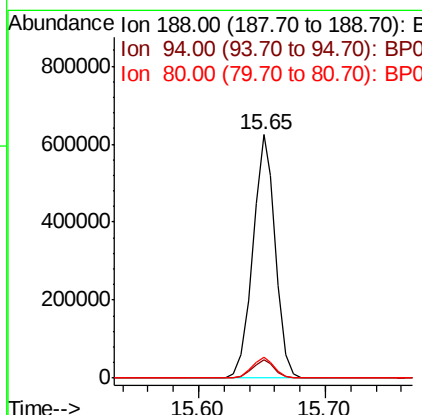
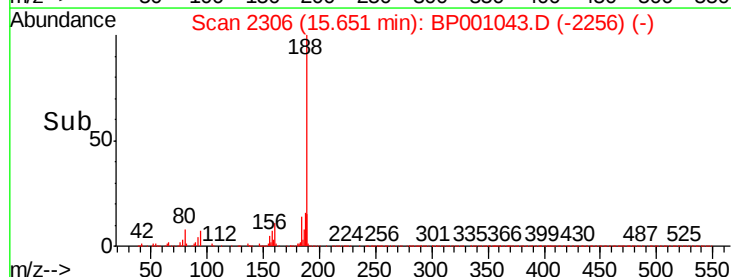
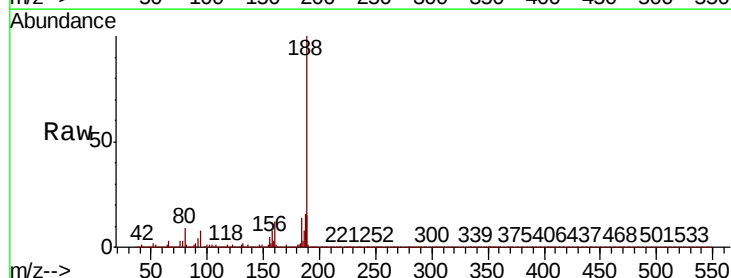
mohammad

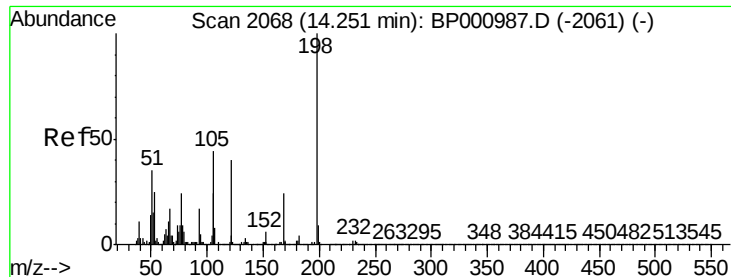
11/18/2019 3:06:23 PM



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 15.65 min Scan# 2306
Delta R.T. -0.01 min
Lab File: BP001043.D
Acq: 15 Nov 2019 16:16

Tgt Ion	Ratio	Lower	Upper
188	100		
94	7.8	7.4	11.2
80	8.7	7.9	11.9





#65

4,6-Dinitro-2-methylphenol

Concen: 75.032 ng

RT: 14.25 min Scan# 2068

Delta R.T. 0.00 min

Lab File: BP001043.D

Acq: 15 Nov 2019 16:16

Instrument :

BNA_P

ClientSampleId :

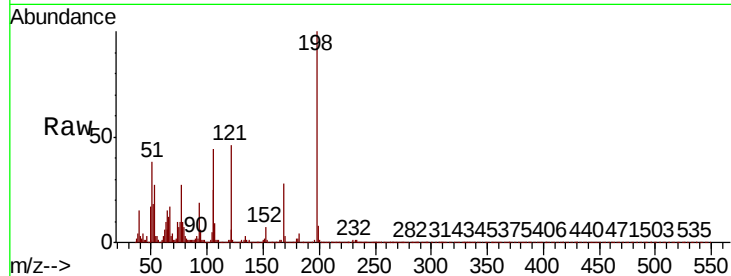
OK-03-111219MS

Tot Ion:	198	Resp:	197622
Ion Ratio	Lower	Upper	
198	100		
51	38.0	16.0	56.0
105	43.6	24.9	64.9

Manual Integrations
APPROVED

mohammad

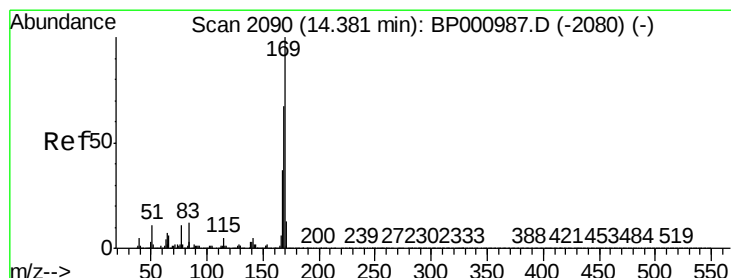
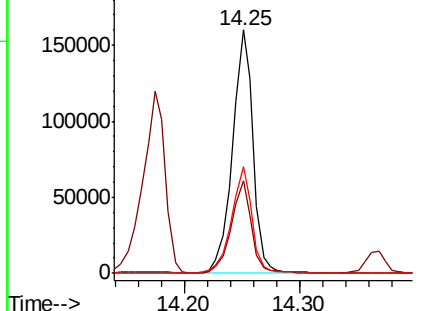
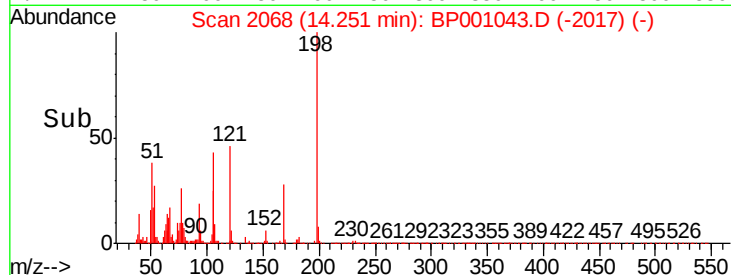
11/18/2019 3:06:23 PM



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BP0

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 6.951 ng

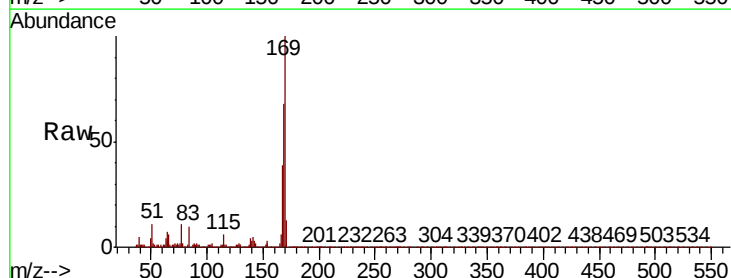
RT: 14.37 min Scan# 2088

Delta R.T. -0.01 min

Lab File: BP001043.D

Acq: 15 Nov 2019 16:16

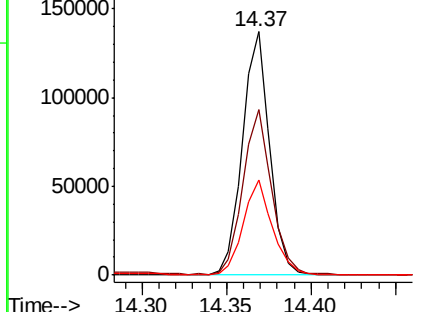
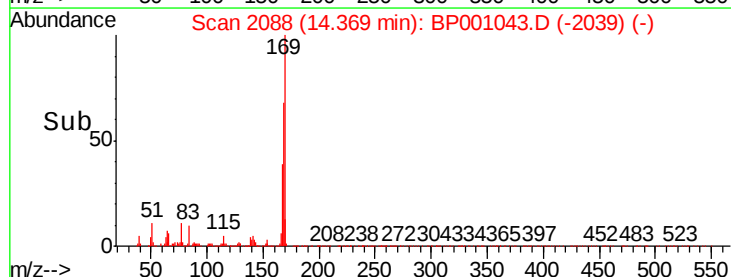
Tgt Ion:	169	Resp:	153119
Ion Ratio	Lower	Upper	
169	100		
168	68.1	53.3	79.9
167	39.0	29.4	44.2

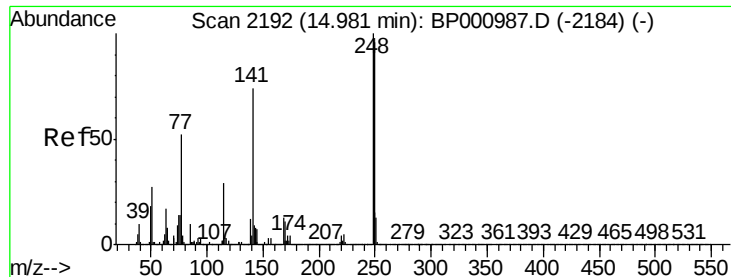


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E





#67
4-Bromophenyl-phenylether
Concen: 52.117 ng
RT: 14.97 min Scan# 2191
Delta R.T. -0.01 min
Lab File: BP001043.D
Acq: 15 Nov 2019 16:16

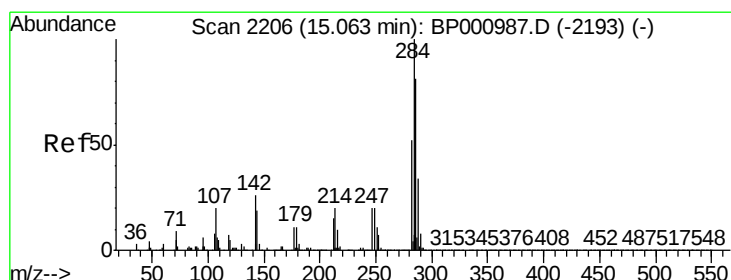
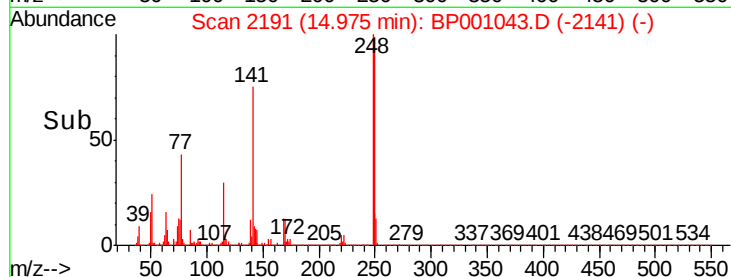
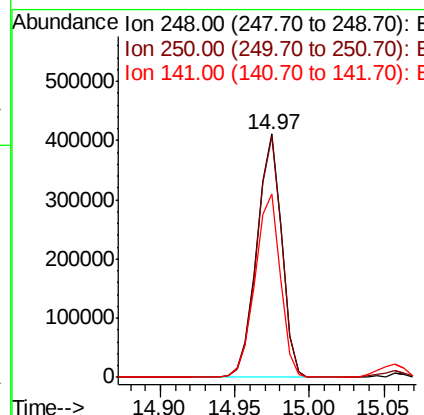
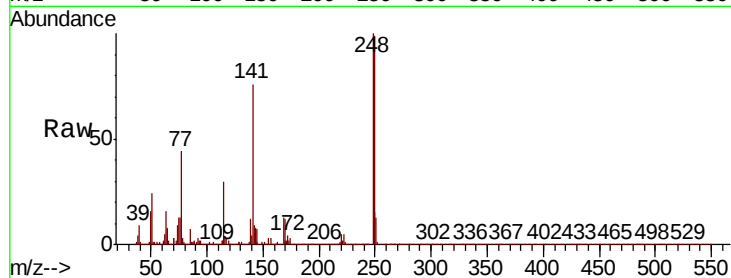
Instrument :
BNA_P
ClientSampleId :
OK-03-111219MS

Tot Ion	Ratio	Lower	Upper
248	100		
250	99.1	77.0	115.6
141	75.5	59.4	89.0

Manual Integrations
APPROVED

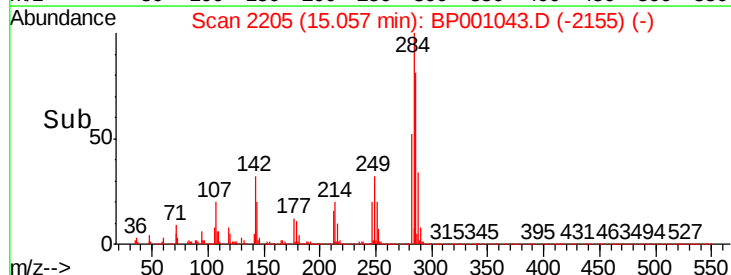
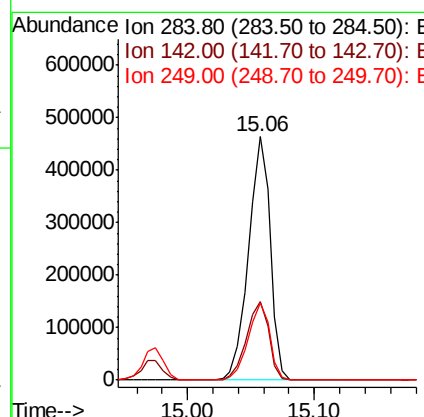
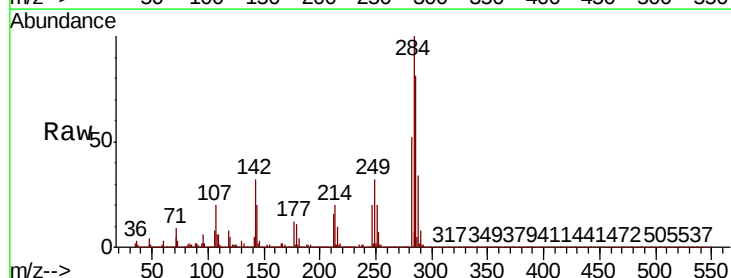
mohammad

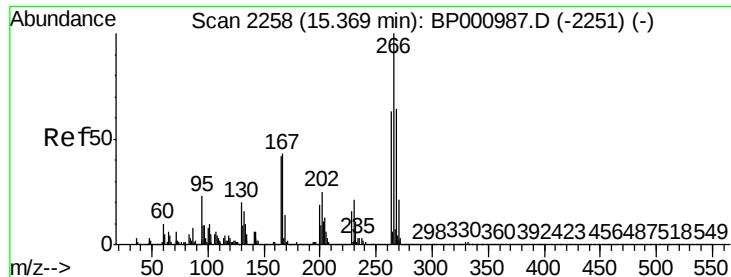
11/18/2019 3:06:23 PM



#68
Hexachlorobenzene
Concen: 52.807 ng
RT: 15.06 min Scan# 2205
Delta R.T. -0.01 min
Lab File: BP001043.D
Acq: 15 Nov 2019 16:16

Tgt Ion	Ratio	Lower	Upper
284	100		
142	32.4	25.8	38.8
249	31.9	25.4	38.0





#70
Pentachlorophenol
Concen: 143.506 ng
RT: 15.37 min Scan# 2258
Delta R.T. -0.00 min
Lab File: BP001043.D
Acq: 15 Nov 2019 16:16

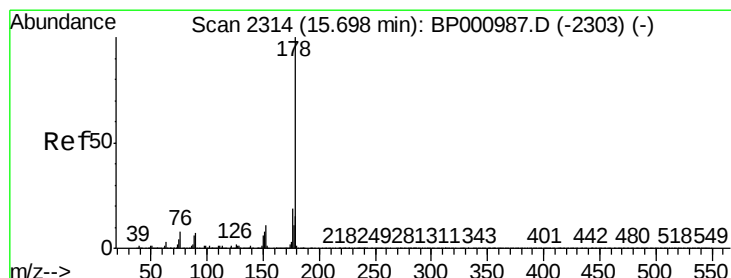
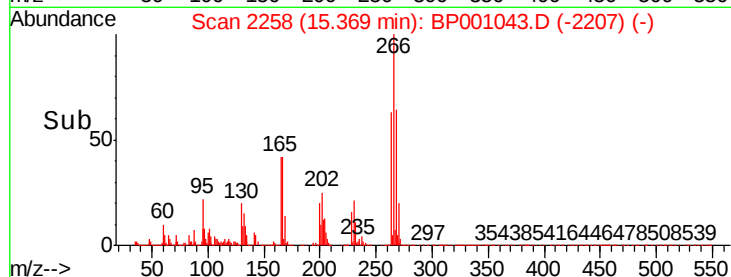
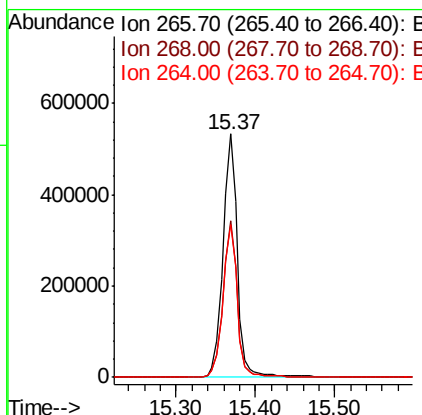
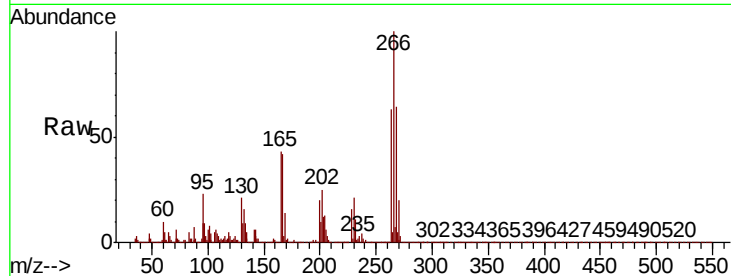
Instrument :
BNA_P
ClientSampleId :
OK-03-111219MS

Tot Ion:	266	Resp:	667707
Ion Ratio		Lower	Upper
266	100		
268	64.4	50.9	76.3
264	62.5	50.6	76.0

Manual Integrations
APPROVED

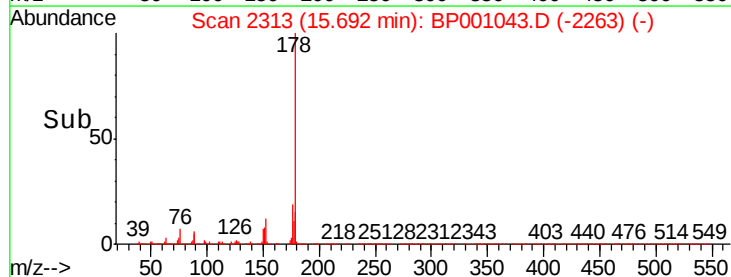
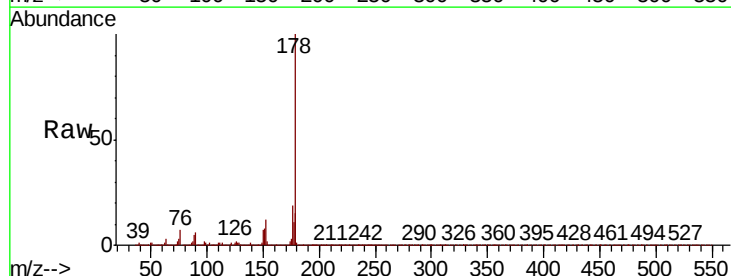
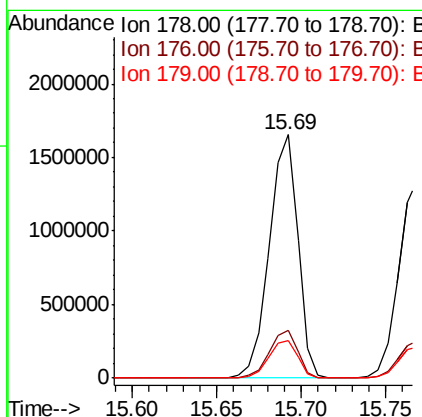
mohammad

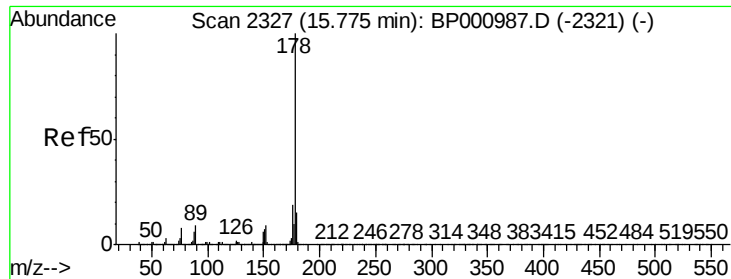
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#71
Phenanthrene
Concen: 49.540 ng
RT: 15.69 min Scan# 2313
Delta R.T. -0.01 min
Lab File: BP001043.D
Acq: 15 Nov 2019 16:16

Tgt Ion:	178	Resp:	1942730
Ion Ratio		Lower	Upper
178	100		
176	19.4	15.5	23.3
179	15.5	12.3	18.5





#72

Anthracene

Concen: 40.336 ng

RT: 15.77 min Scan# 2326

Delta R.T. -0.01 min

Lab File: BP001043.D

Acq: 15 Nov 2019 16:16

Instrument :

BNA_P

ClientSampleId :

OK-03-111219MS

Tot Ion:178 Resp: 1543039

Ion Ratio Lower Upper

178 100

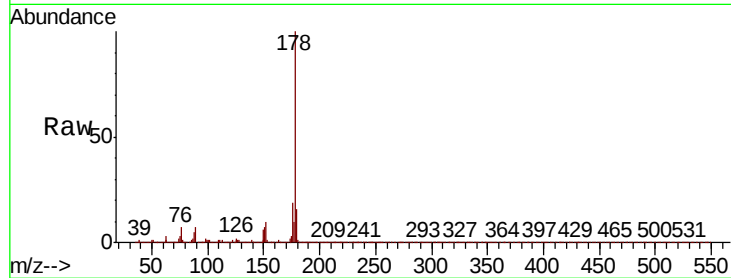
176 18.8 15.1 22.7

179 15.7 12.3 18.5

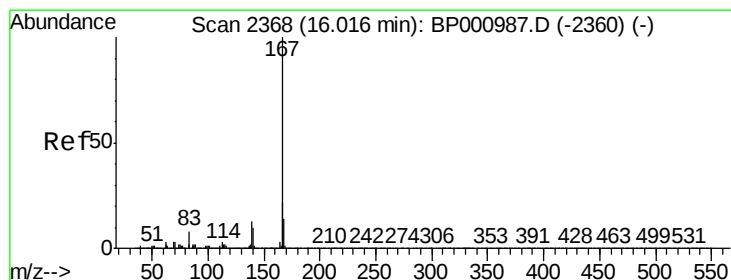
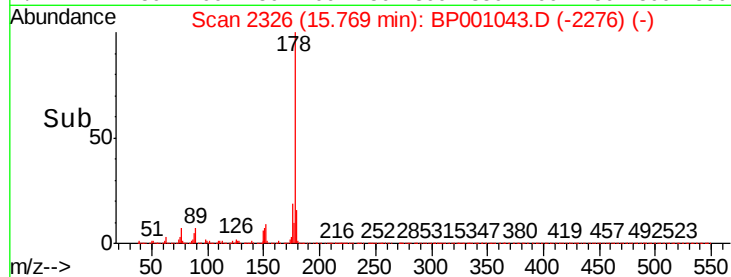
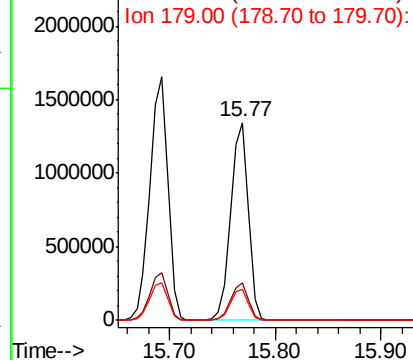
Manual Integrations
APPROVED

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Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E



#73

Carbazole

Concen: 2.081 ng

RT: 16.00 min Scan# 2366

Delta R.T. -0.01 min

Lab File: BP001043.D

Acq: 15 Nov 2019 16:16

Tgt Ion:167 Resp: 72979

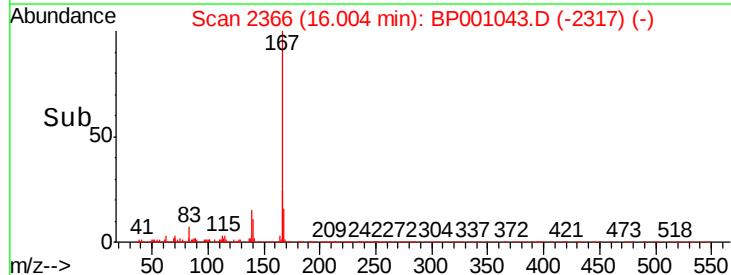
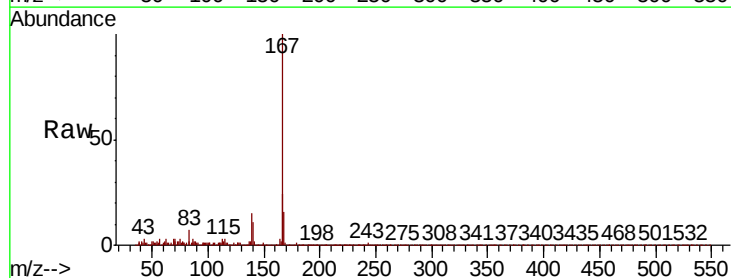
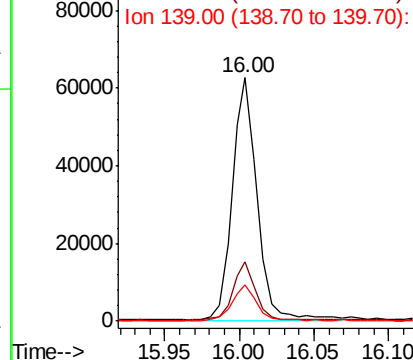
Ion Ratio Lower Upper

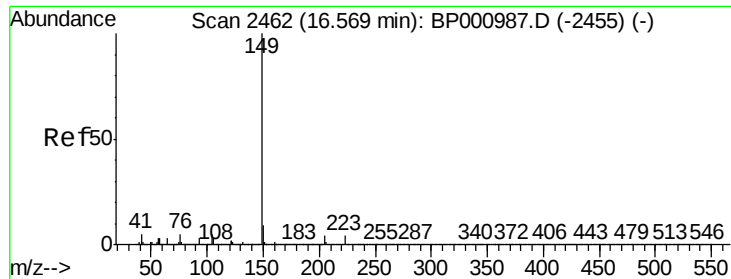
167 100

166 24.3 17.6 26.4

139 14.7 10.6 15.8

Abundance Ion 167.00 (166.70 to 167.70): E
Ion 166.00 (165.70 to 166.70): E
Ion 139.00 (138.70 to 139.70): E





#74
Di-n-butylphthalate
Concen: 46.266 ng
RT: 16.56 min Scan# 2461
Delta R.T. -0.01 min
Lab File: BP001043.D
Acq: 15 Nov 2019 16:16

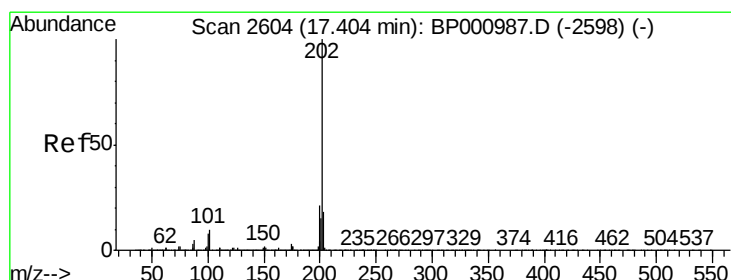
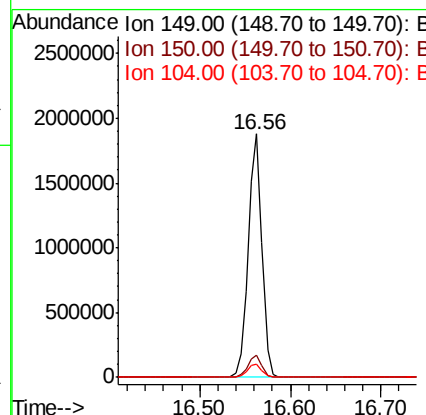
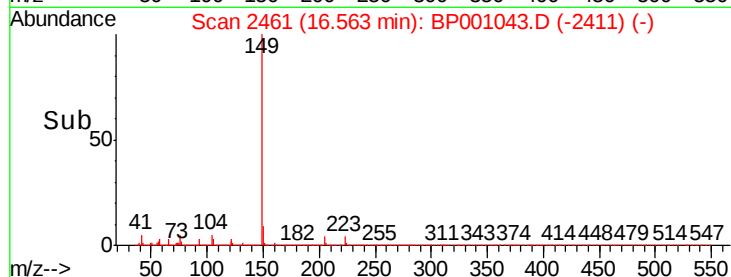
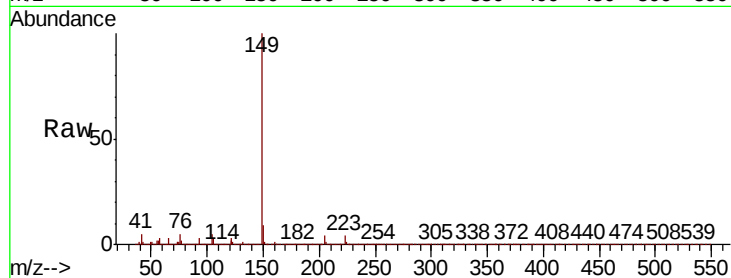
Instrument :
BNA_P
ClientSampleId :
OK-03-111219MS

Tot Ion	Ratio	Lower	Upper
149	100		
150	9.0	7.5	11.3
104	5.5	4.2	6.4

Manual Integrations
APPROVED

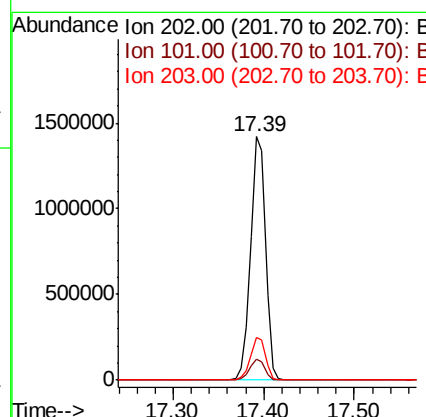
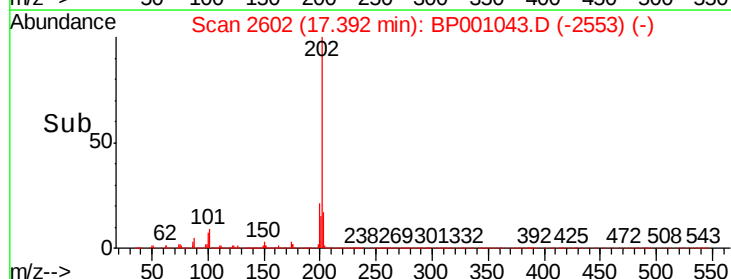
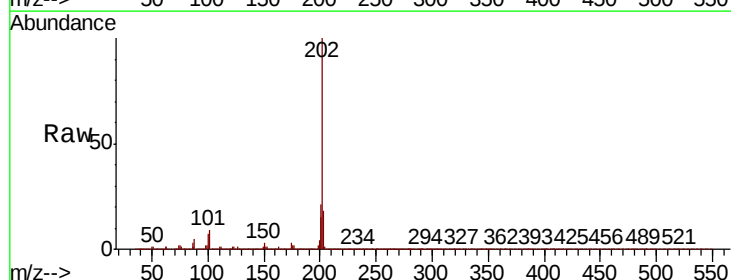
mohammad

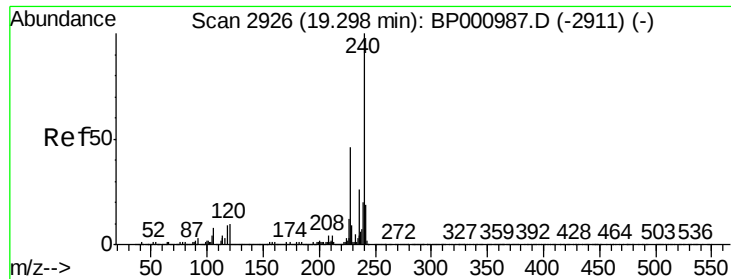
11/18/2019 3:06:23 PM



#75
Fluoranthene
Concen: 36.459 ng
RT: 17.39 min Scan# 2602
Delta R.T. -0.01 min
Lab File: BP001043.D
Acq: 15 Nov 2019 16:16

Tgt Ion	Ratio	Lower	Upper
202	100		
101	8.6	0.0	30.1
203	17.5	0.0	37.7





#76
Chrysene-d12
Concen: 20.000 ng
RT: 19.29 min Scan# 2924
Delta R.T. -0.01 min
Lab File: BP001043.D
Acq: 15 Nov 2019 16:16

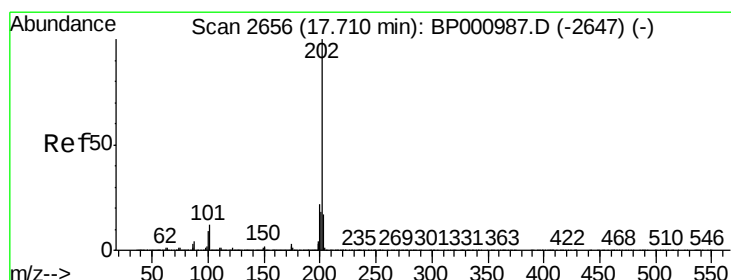
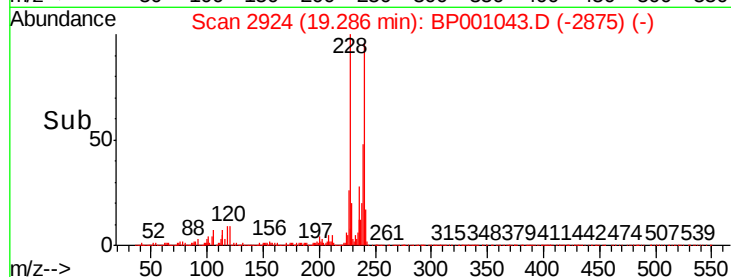
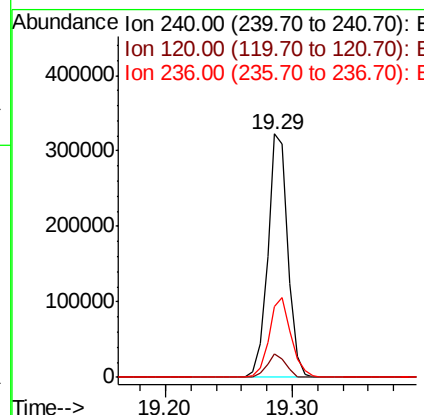
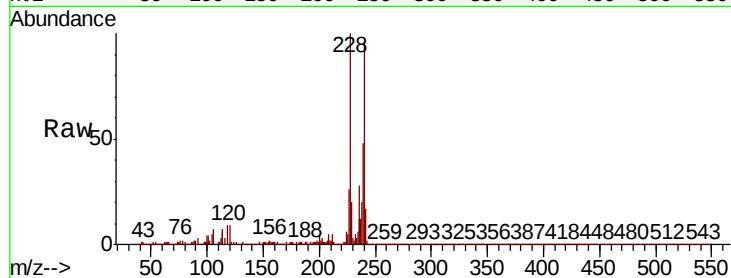
Instrument :
BNA_P
ClientSampleId :
OK-03-111219MS

Tot Ion	Ratio	Resp	Lower	Upper
240	100			
120	9.6	8.2	12.2	
236	29.0	20.5	30.7	

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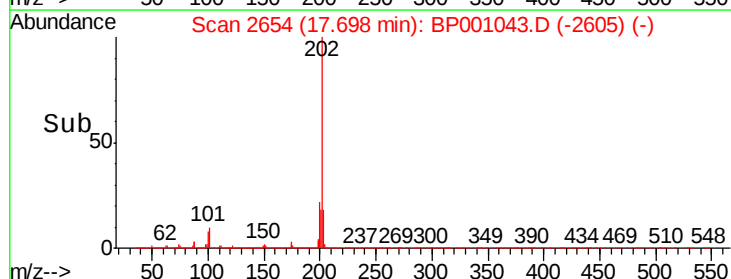
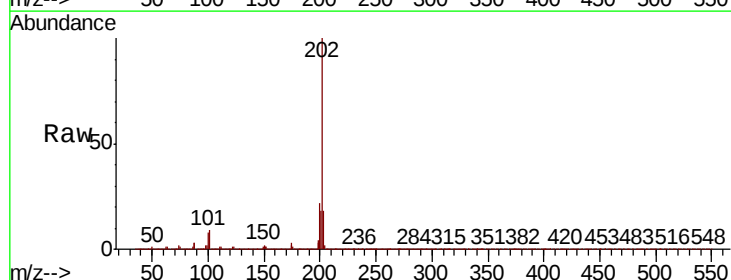
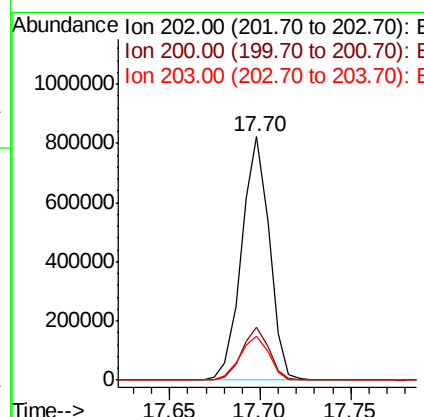
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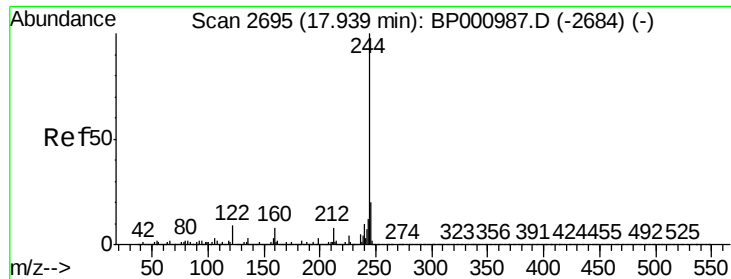
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#78
Pyrene
Concen: 34.780 ng
RT: 17.70 min Scan# 2654
Delta R.T. -0.01 min
Lab File: BP001043.D
Acq: 15 Nov 2019 16:16

Tgt Ion	Ratio	Resp	Lower	Upper
202	100			
200	21.5	17.2	25.8	
203	18.2	14.0	21.0	





#79

Terphenyl-d14

Concen: 193.817 ng

RT: 17.93 min Scan# 2694

Delta R.T. -0.01 min

Lab File: BP001043.D

Acq: 15 Nov 2019 16:16

Instrument :

BNA_P

ClientSampleId :

OK-03-111219MS

Tot Ion:244 Resp: 3458476

Ion Ratio Lower Upper

244 100

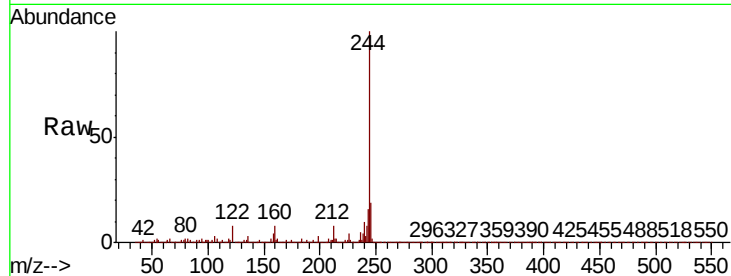
212 7.8 6.0 9.0

122 8.4 7.4 11.2

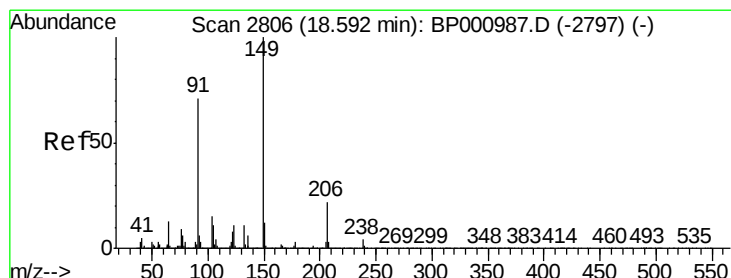
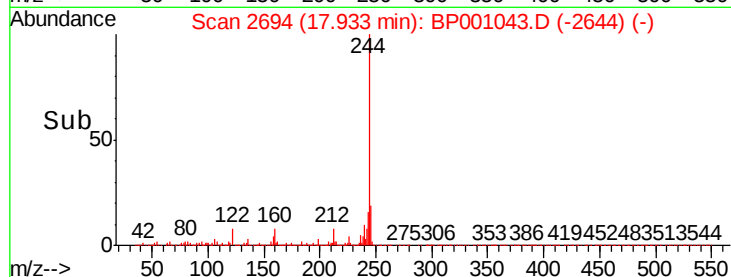
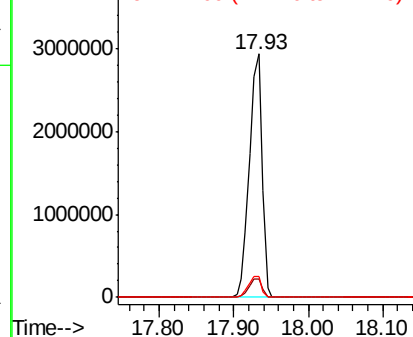
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Abundance Ion 244.00 (243.70 to 244.70): E
Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 11.051 ng

RT: 18.57 min Scan# 2803

Delta R.T. -0.02 min

Lab File: BP001043.D

Acq: 15 Nov 2019 16:16

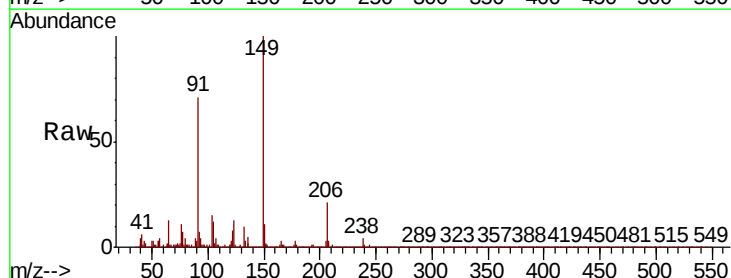
Tgt Ion:149 Resp: 109767

Ion Ratio Lower Upper

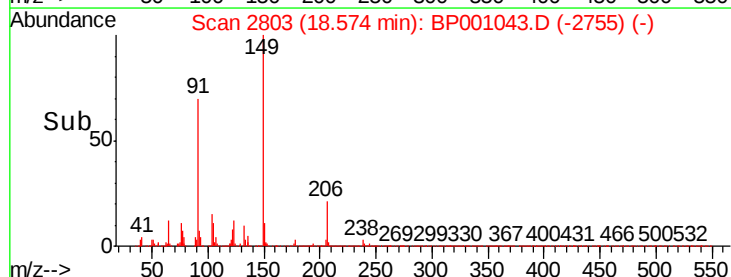
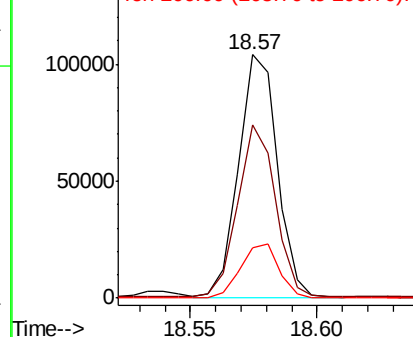
149 100

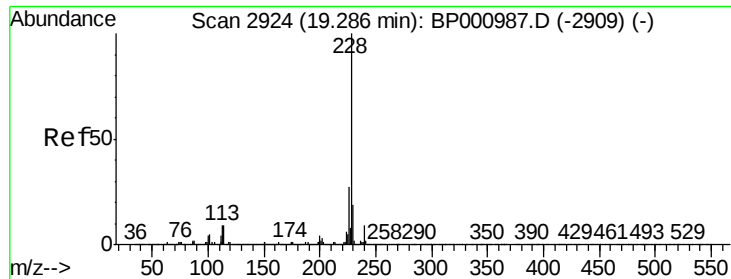
91 70.9 56.6 84.8

206 20.8 18.0 27.0



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 91.00 (90.70 to 91.70): BP0
Ion 206.00 (205.70 to 206.70): E





#81
Benzo(a)anthracene
Concen: 50.342 ng
RT: 19.27 min Scan# 2922
Delta R.T. -0.01 min
Lab File: BP001043.D
Acq: 15 Nov 2019 16:16

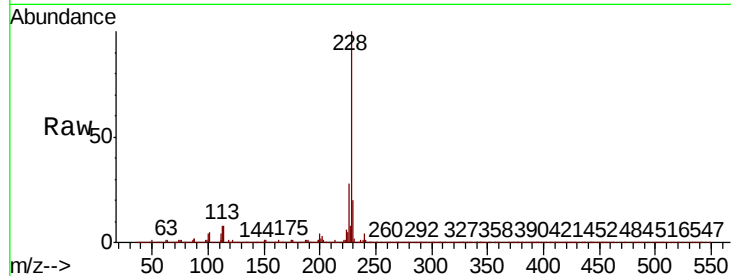
Instrument :
BNA_P
ClientSampleId :
OK-03-111219MS

Tot Ion:228	Resp: 1203440
Ion Ratio	Lower Upper
228 100	
226 27.6	21.8 32.8
229 20.2	15.6 23.4

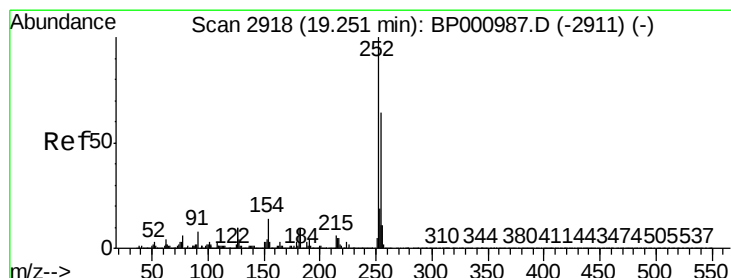
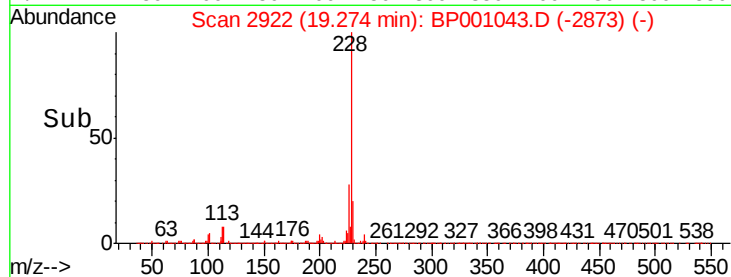
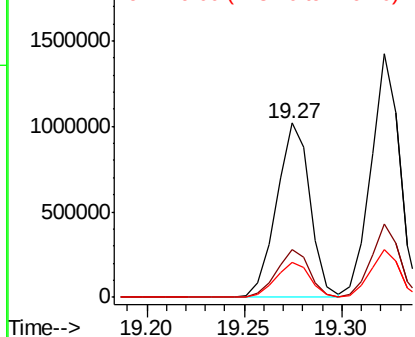
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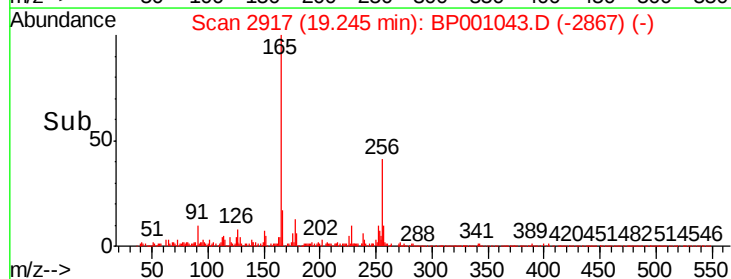
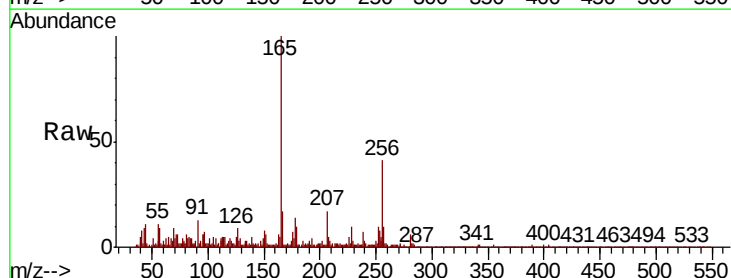
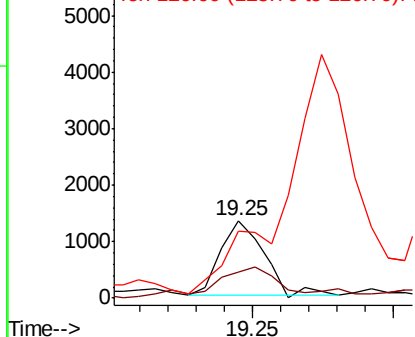
Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E

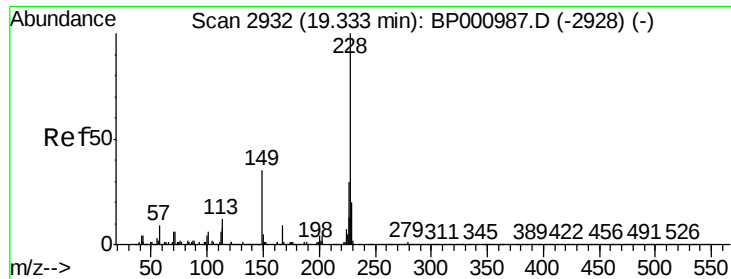


#82
3,3'-Dichlorobenzidine
Concen: 0.165 ng
RT: 19.25 min Scan# 2917
Delta R.T. -0.01 min
Lab File: BP001043.D
Acq: 15 Nov 2019 16:16

Tgt Ion:252	Resp: 1435
Ion Ratio	Lower Upper
252 100	
254 33.9	51.1 76.7#
126 86.5	8.3 12.5#

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





#83
Chrysene
Concen: 68.855 ng
RT: 19.32 min Scan# 2930
Delta R.T. -0.01 min
Lab File: BP001043.D
Acq: 15 Nov 2019 16:16

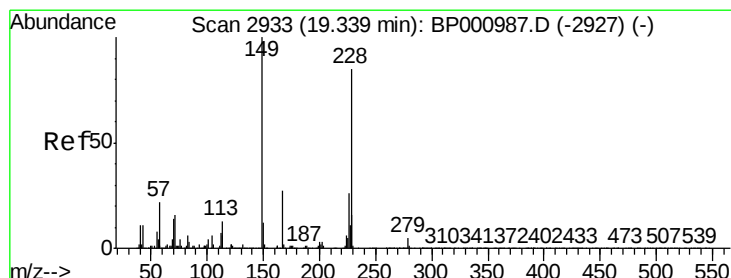
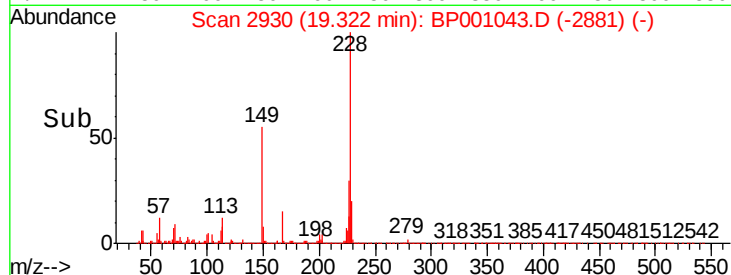
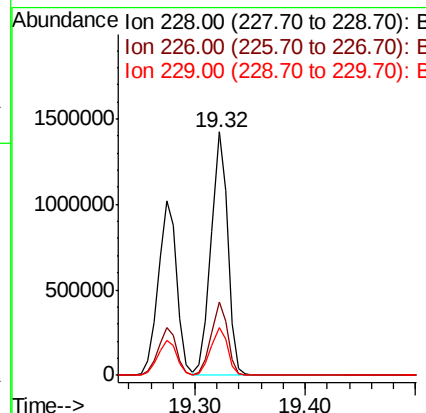
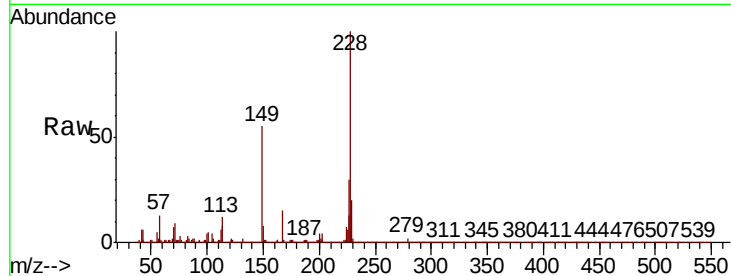
Instrument :
BNA_P
ClientSampleId :
OK-03-111219MS

Tot Ion	Ratio	Lower	Upper
228	100		
226	30.0	24.2	36.2
229	19.8	15.8	23.6

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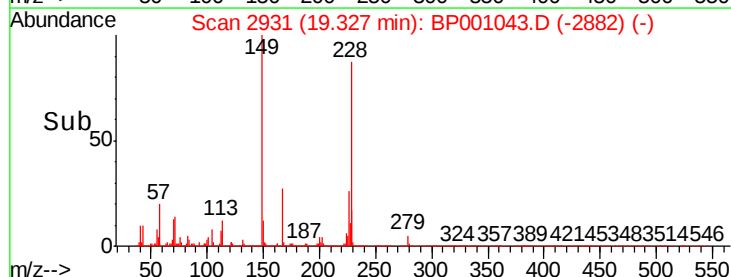
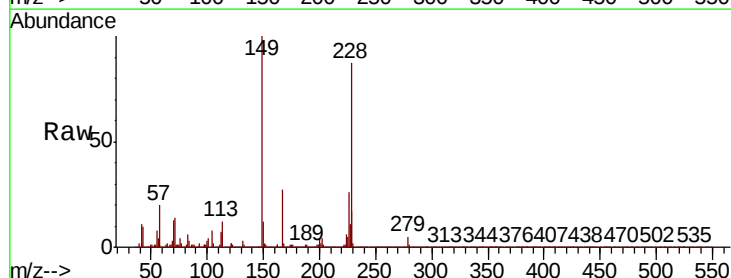
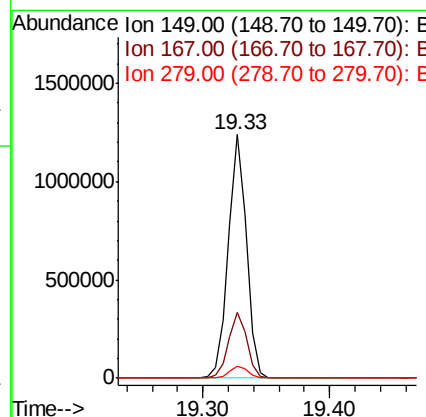
mohammad

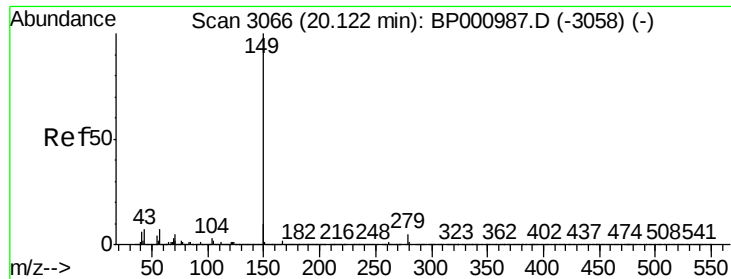
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#84
Bis(2-ethylhexyl)phthalate
Concen: 97.330 ng
RT: 19.33 min Scan# 2931
Delta R.T. -0.01 min
Lab File: BP001043.D
Acq: 15 Nov 2019 16:16

Tgt Ion	Ratio	Lower	Upper
149	100		
167	26.8	21.4	32.2
279	4.7	3.7	5.5





#85
Di-n-octyl phthalate
Concen: 87.796 ng
RT: 20.11 min Scan# 3064
Delta R.T. -0.01 min
Lab File: BP001043.D
Acq: 15 Nov 2019 16:16

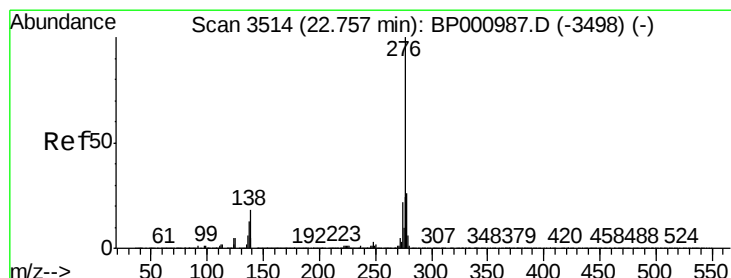
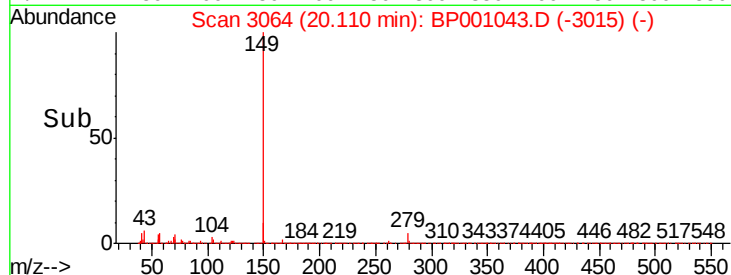
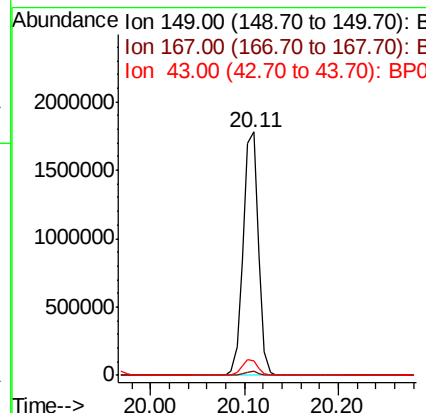
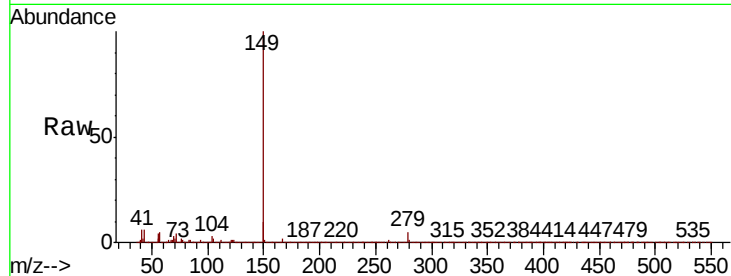
Instrument :
BNA_P
ClientSampleId :
OK-03-111219MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
149	100		1996035		
167	1.6	1.3	1.9		
43	6.4	5.6	8.4		

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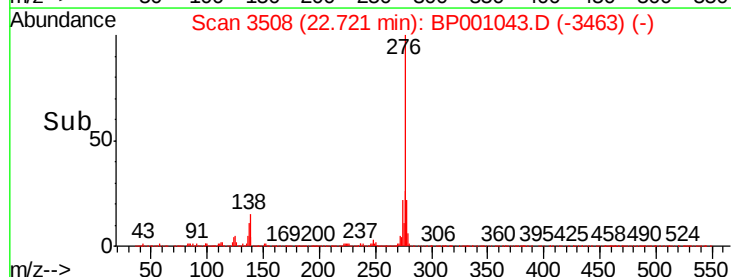
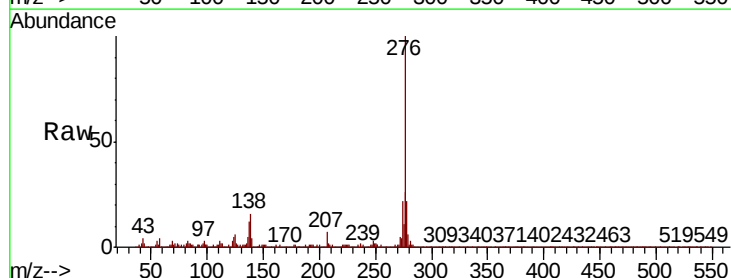
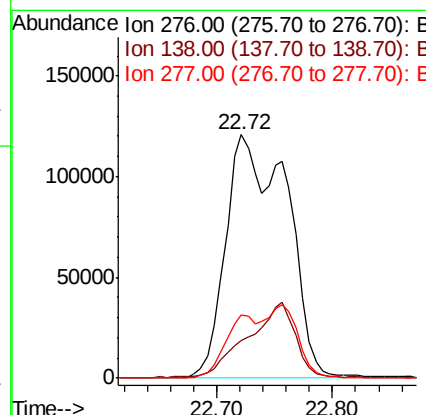
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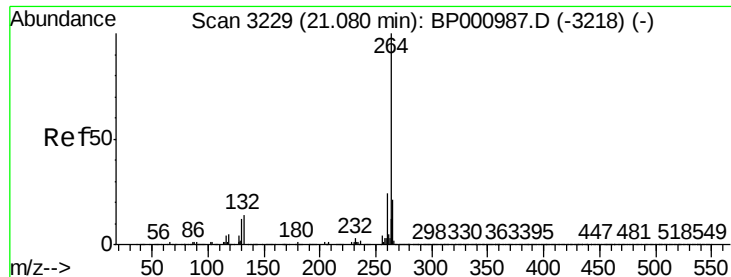
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#86
Indeno(1,2,3-cd)pyrene
Concen: 15.422 ng m
RT: 22.72 min Scan# 3508
Delta R.T. -0.04 min
Lab File: BP001043.D
Acq: 15 Nov 2019 16:16

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
276	100		442879		
138	0.0	17.6	26.4#		
277	12.8	20.2	30.4#		





#87
Pervlene-d12
Concen: 20.000 ng
RT: 21.06 min Scan# 3226
Delta R.T. -0.02 min
Lab File: BP001043.D
Acq: 15 Nov 2019 16:16

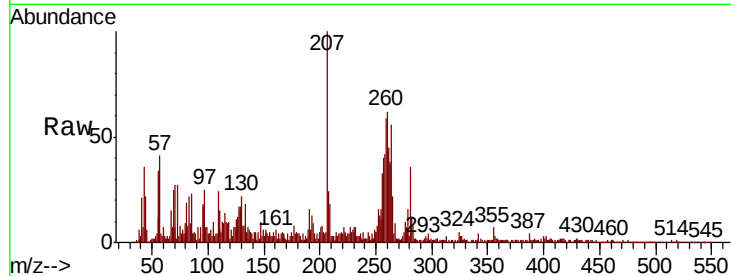
Instrument :
BNA_P
ClientSampleId :
OK-03-111219MS

Tot Ion	Ratio	Lower	Upper
264	100		
260	111.4	18.8	28.2#
265	39.6	17.1	25.7#

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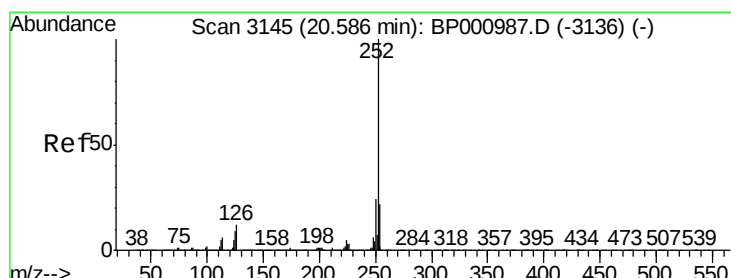
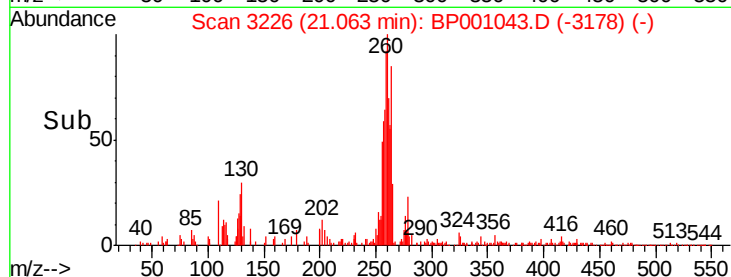
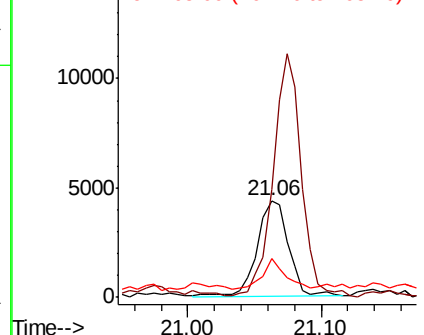


Abundance

Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88
Benzo(b)fluoranthene
Concen: 2496.090 ng
RT: 20.57 min Scan# 3143
Delta R.T. -0.01 min
Lab File: BP001043.D
Acq: 15 Nov 2019 16:16

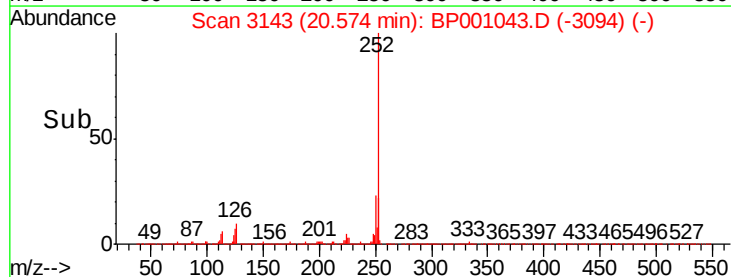
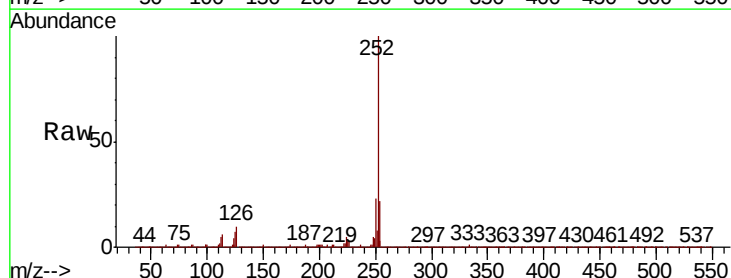
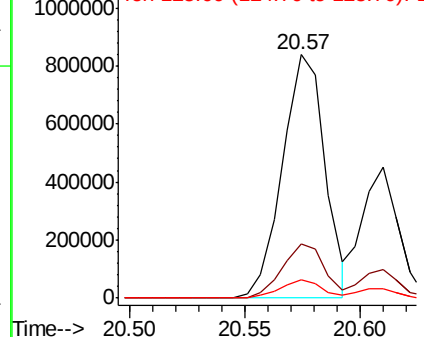
Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.9	26.9
125	7.5	7.3	10.9

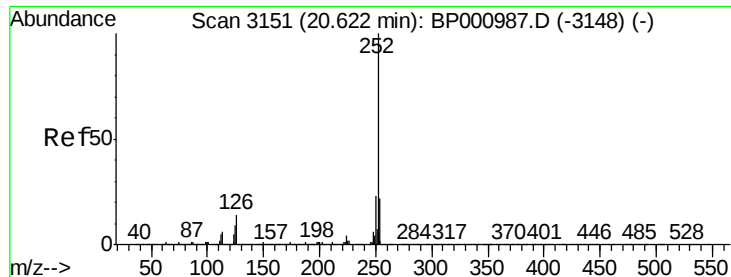
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(k)fluoranthene

Concen: 1220.476 ng

RT: 20.61 min Scan# 3149

Delta R.T. -0.01 min

Lab File: BP001043.D

Acq: 15 Nov 2019 16:16

Instrument :

BNA_P

ClientSampleId :

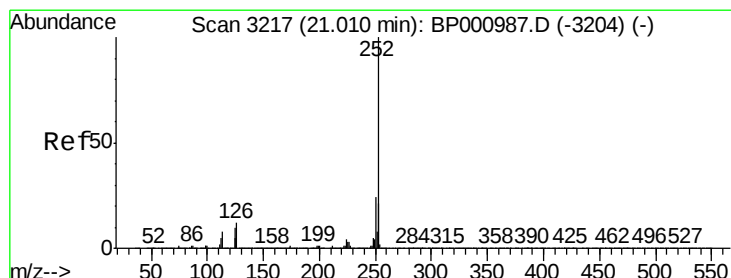
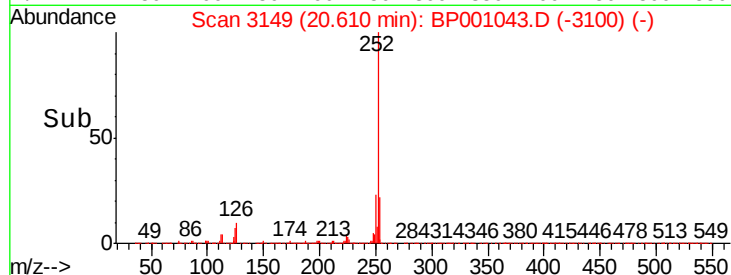
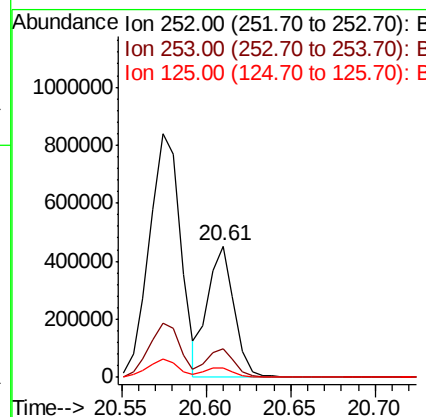
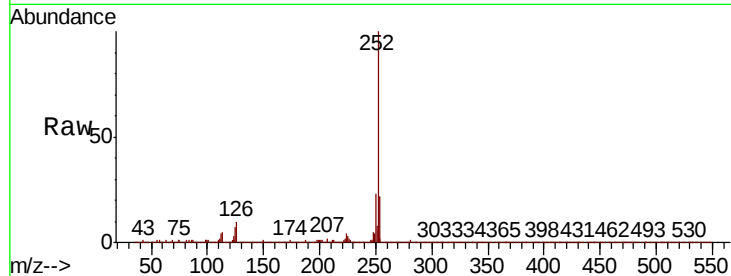
OK-03-111219MS

Tot Ion:	252	Resp:	492185
Ion Ratio	Lower	Upper	
252	100		
253	21.7	17.7	26.5
125	7.3	7.3	10.9

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#90

Benzo(a)pyrene

Concen: 923.672 ng

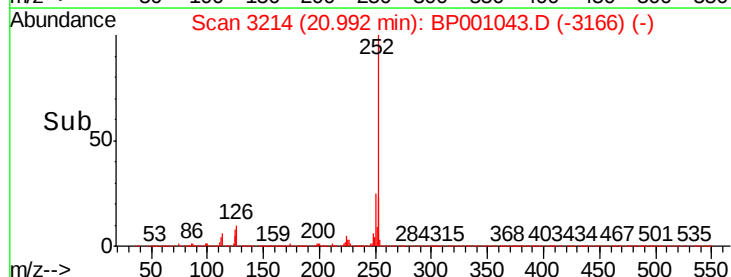
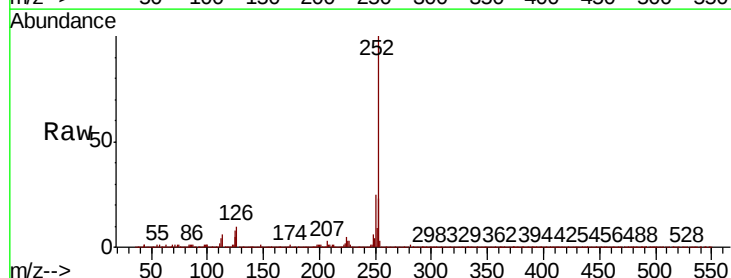
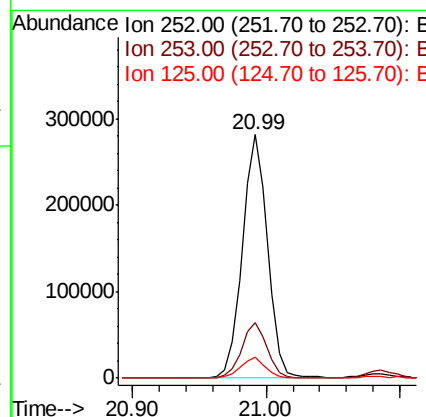
RT: 20.99 min Scan# 3214

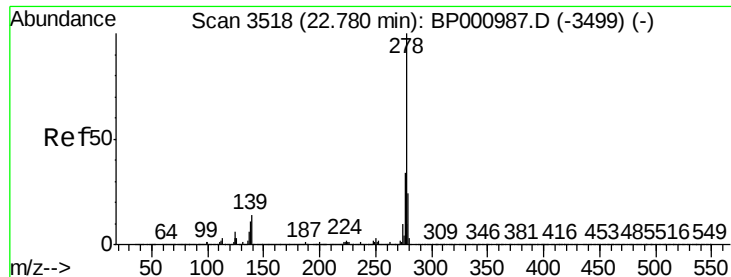
Delta R.T. -0.02 min

Lab File: BP001043.D

Acq: 15 Nov 2019 16:16

Tgt Ion:	252	Resp:	363865
Ion Ratio	Lower	Upper	
252	100		
253	23.0	17.1	25.7
125	8.5	7.6	11.4





#91
Dibenzo(a,h)anthracene
Concen: 2199.478 ng
RT: 22.76 min Scan# 3514
Delta R.T. -0.02 min
Lab File: BP001043.D
Acq: 15 Nov 2019 16:16

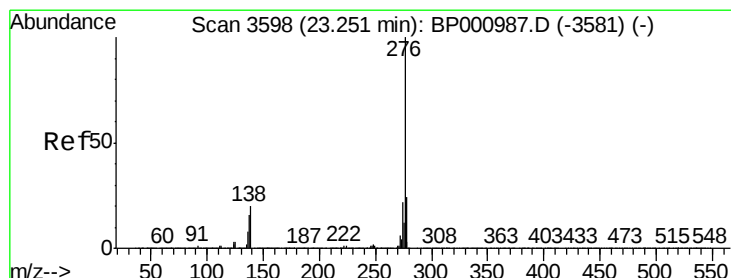
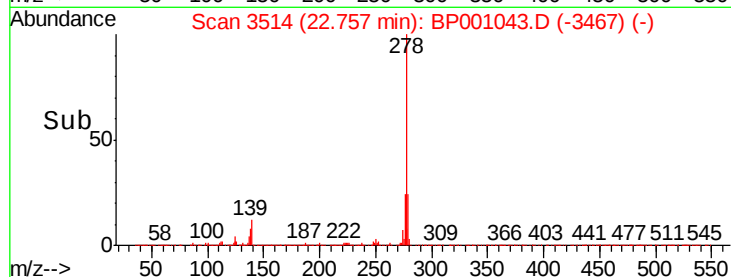
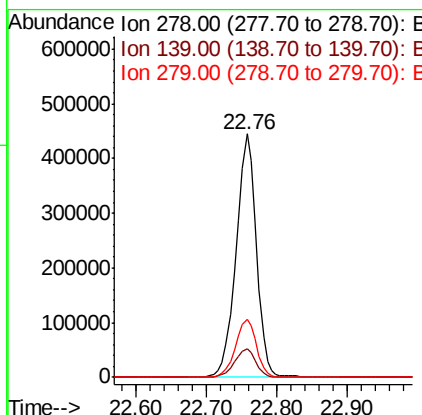
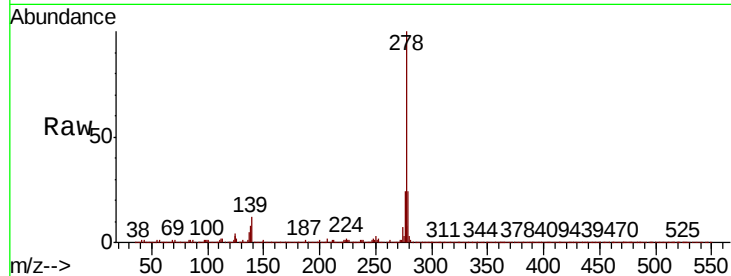
Instrument :
BNA_P
ClientSampleId :
OK-03-111219MS

Tot Ion:	278	Resp:	884318
Ion Ratio	Lower	Upper	
278	100		
139	11.8	11.3	16.9
279	24.0	19.1	28.7

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#92
Benzo(g,h,i)perylene
Concen: 1176.121 ng
RT: 23.22 min Scan# 3593
Delta R.T. -0.03 min
Lab File: BP001043.D
Acq: 15 Nov 2019 16:16

Tgt Ion:	276	Resp:	476144
Ion Ratio	Lower	Upper	
276	100		
277	24.3	19.0	28.4
138	15.9	15.7	23.5

