

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM013020\
 Data File : BM024670.D
 Acq On : 30 Jan 2020 22:07
 Operator : CG/JU
 Sample : L1318-07MSD
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 RAINEY-PARK-BH-04-AMSD

Manual Integrations
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mohammad
 2/3/2020 7:55:41 AM

Quant Time: Jan 31 00:12:18 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM012320.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jan 23 14:57:07 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.43	152	171248	20.00	ng	-0.02
21) Naphthalene-d8	10.19	136	612196	20.00	ng	-0.02
39) Acenaphthene-d10	14.08	164	392217	20.00	ng	-0.01
64) Phenanthrene-d10	16.83	188	870637	20.00	ng	-0.01
76) Chrysene-d12	21.04	240	1020621	20.00	ng	-0.01
87) Perylene-d12	23.15	264	1297062	20.00	ng	-0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.07	112	874874	97.16	ng	-0.01
7) Phenol-d6	6.63	99	1082301	87.25	ng	-0.02
23) Nitrobenzene-d5	8.57	82	692485	55.47	ng	-0.02
42) 2,4,6-Tribromophenol	15.58	330	642146	100.65	ng	-0.01
45) 2-Fluorobiphenyl	12.69	172	1885507	65.36	ng	-0.02
79) Terphenyl-d14	19.49	244	3438579	62.90	ng	-0.02

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.06	88	138458	38.871	ng	91
3) Pyridine	3.44	79	354991	34.378	ng	94
4) n-Nitrosodimethylamine	3.35	42	163709	35.718	ng	86
6) Aniline	6.77	93	341473	22.613	ng	96
8) 2-Chlorophenol	7.00	128	493711	48.163	ng	91
9) Benzaldehyde	6.58	77	215774	29.439	ng	95
10) Phenol	6.66	94	551059	44.566	ng	94
11) bis(2-Chloroethyl)ether	6.87	93	402082	40.619	ng	95
12) 1,3-Dichlorobenzene	7.32	146	584345	46.402	ng	95
13) 1,4-Dichlorobenzene	7.46	146	587873	46.015	ng	98
14) 1,2-Dichlorobenzene	7.78	146	563885	45.726	ng	97
15) Benzyl Alcohol	7.67	79	397181	38.835	ng	93
16) 2,2'-oxybis(1-Chloropropan	7.96	45	299591	33.060	ng	98
17) 2-Methylphenol	7.88	107	371178	42.597	ng	96
18) Hexachloroethane	8.49	117	206976	41.955	ng	93
19) n-Nitroso-di-n-propylamine	8.23	70	315001	33.822	ng	93
20) 3+4-Methylphenols	8.21	107	499085	41.377	ng	96
22) Acetophenone	8.24	105	659891	41.803	ng	96
24) Nitrobenzene	8.61	77	486918	40.703	ng	92
25) Isophorone	9.14	82	854306	40.277	ng	96
26) 2-Nitrophenol	9.31	139	276643	49.942	ng	91
27) 2,4-Dimethylphenol	9.39	122	415052	55.140	ng	93
28) bis(2-Chloroethoxy)methane	9.62	93	521692	40.262	ng	99
29) 2,4-Dichlorophenol	9.85	162	507829	49.936	ng	96
30) 1,2,4-Trichlorobenzene	10.06	180	593914	48.423	ng	97
31) Naphthalene	10.24	128	1437793	46.500	ng	100
32) Benzoic acid	9.54	122	300852m	43.692	ng	
33) 4-Chloroaniline	10.35	127	152130	11.225	ng	95
34) Hexachlorobutadiene	10.54	225	402156	47.432	ng	97
35) Caprolactam	11.12	113	140938m	43.197	ng	
36) 4-Chloro-3-methylphenol	11.50	107	449660	41.582	ng	91
37) 2-Methylnaphthalene	11.86	142	1085329	45.484	ng	98
38) 1-Methylnaphthalene	12.09	142	1029492	45.356	ng	100
40) 1,2,4,5-Tetrachlorobenzene	12.25	216	677549	48.402	ng	100

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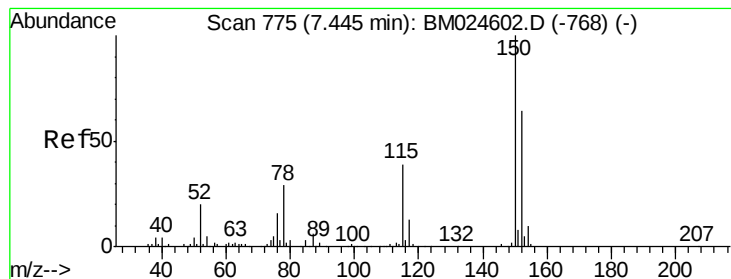
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.23	237	871526	111.076	nq	99
43) 2,4,6-Trichlorophenol	12.49	196	440301	49.428	nq	99
44) 2,4,5-Trichlorophenol	12.57	196	464984	51.112	nq	95
46) 1,1'-Biphenyl	12.90	154	1401854	47.229	nq	99
47) 2-Chloronaphthalene	12.94	162	1132534	47.263	nq	96
48) 2-Nitroaniline	13.15	65	260432	35.635	nq	88
49) Acenaphthylene	13.79	152	1749913	48.782	nq	100
50) Dimethylphthalate	13.55	163	1459207	46.009	nq	99
51) 2,6-Dinitrotoluene	13.66	165	313793	46.536	nq #	82
52) Acenaphthene	14.15	154	1036434	46.561	nq	98
53) 3-Nitroaniline	13.99	138	154695	22.119	nq	92
54) 2,4-Dinitrophenol	14.20	184	388893	96.445	nq #	89
55) Dibenzofuran	14.49	168	1711335	47.141	nq	96
56) 4-Nitrophenol	14.32	139	551718	100.921	nq	85
57) 2,4-Dinitrotoluene	14.46	165	434288	44.939	nq #	84
58) Fluorene	15.14	166	1356531	44.465	nq	99
59) 2,3,4,6-Tetrachlorophenol	14.72	232	451558	48.946	nq #	94
60) Diethylphthalate	14.94	149	1326063	41.184	nq	98
61) 4-Chlorophenyl-phenylether	15.15	204	774057	44.009	nq	96
62) 4-Nitroaniline	15.16	138	293060	37.963	nq	89
63) Azobenzene	15.43	77	1028941	37.464	nq	94
65) 4,6-Dinitro-2-methylphenol	15.23	198	273664	53.459	nq	85
66) n-Nitrosodiphenylamine	15.36	169	1216017	48.623	nq	100
67) 4-Bromophenyl-phenylether	16.03	248	508999	47.012	nq	98
68) Hexachlorobenzene	16.15	284	600644	48.343	nq	95
69) Atrazine	16.33	200	485569	50.582	nq	98
70) Pentachlorophenol	16.49	266	780234	103.096	nq	99
71) Phenanthrene	16.87	178	2235079	47.407	nq	99
72) Anthracene	16.96	178	2275170	49.319	nq	99
73) Carbazole	17.24	167	2025647	48.235	nq	99
74) Di-n-butylphthalate	17.83	149	2277066	42.413	nq	99
75) Fluoranthene	18.90	202	2858414	48.576	nq	99
77) Benzidine	19.10	184	1573760	66.211	nq	99
78) Pyrene	19.26	202	2957640	43.958	nq	99
80) Butylbenzylphthalate	20.20	149	1102069	39.035	nq	93
81) Benzo(a)anthracene	21.03	228	3275075	46.234	nq	100
82) 3,3'-Dichlorobenzidine	20.97	252	1057628	41.505	nq	99
83) Chrysene	21.08	228	3166685	46.849	nq	100
84) Bis(2-ethylhexyl)phthalate	21.00	149	1610664	38.664	nq	98
85) Di-n-octyl phthalate	21.85	149	2950812	42.875	nq #	96
86) Indeno(1,2,3-cd)pyrene	25.22	276	4541076	61.639	nq	98
88) Benzo(b)fluoranthene	22.53	252	3656477	43.465	nq	99
89) Benzo(k)fluoranthene	22.57	252	3723866	45.350	nq	99
90) Benzo(a)pyrene	23.06	252	3449314	45.099	nq	99
91) Dibenzo(a,h)anthracene	25.23	278	3849976	53.035	nq	99
92) Benzo(g,h,i)perylene	25.85	276	3818304	57.927	nq	97

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



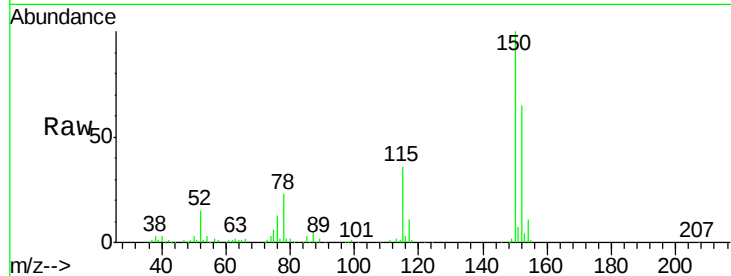
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.43 min Scan# 772
 Delta R.T. -0.02 min
 Lab File: BM024670.D
 Acq: 30 Jan 2020 22:07

Instrument :
 BNA_M
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 RAINEY-PARK-BH-04-AMSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.2	124.2	186.4
115	55.0	48.6	72.8

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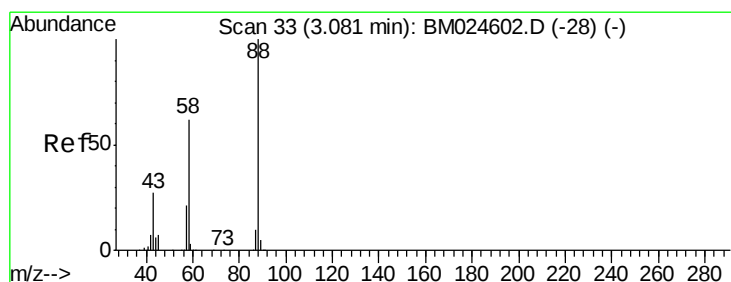
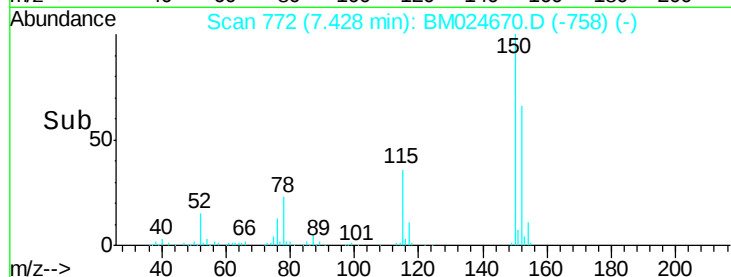
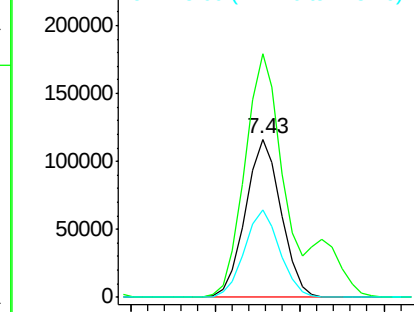


Abundance

Ion 152.00 (151.70 to 152.70): E

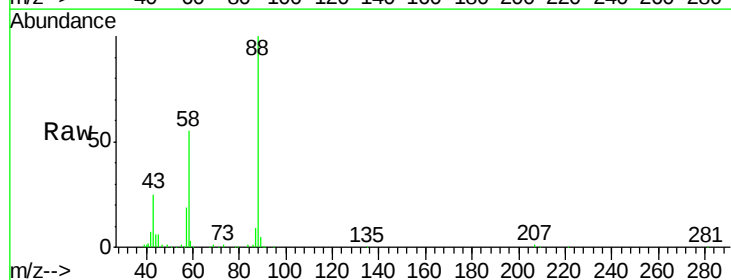
Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2
 1,4-Dioxane
 Concen: 38.871 ng
 RT: 3.06 min Scan# 30
 Delta R.T. -0.02 min
 Lab File: BM024670.D
 Acq: 30 Jan 2020 22:07

Tgt Ion	Ratio	Lower	Upper
88	100		
58	55.1	50.0	75.0
43	22.9	21.6	32.4

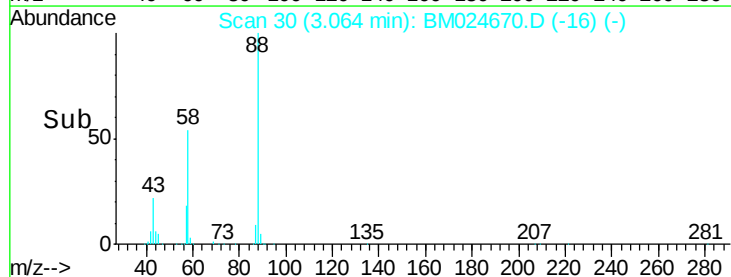
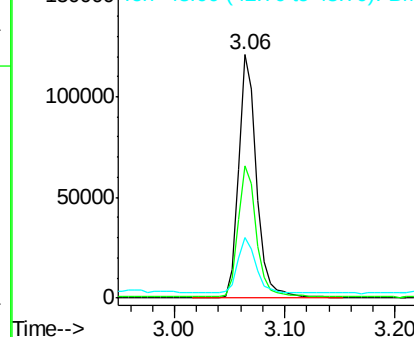


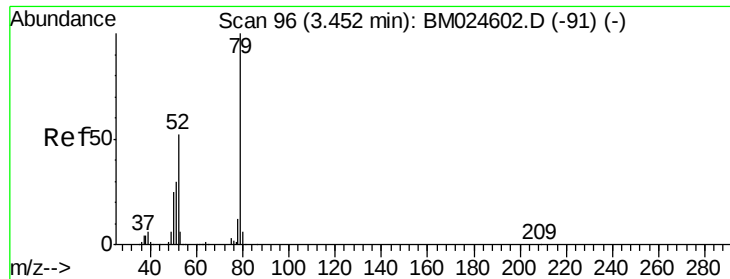
Abundance

Ion 88.00 (87.70 to 88.70): BM0

Ion 58.00 (57.70 to 58.70): BM0

Ion 43.00 (42.70 to 43.70): BM0





#3

Pvridine

Concen: 34.378 ng

RT: 3.44 min Scan# 94

Delta R.T. -0.01 min

Lab File: BM024670.D

Acq: 30 Jan 2020 22:07

Instrument :

BNA_M

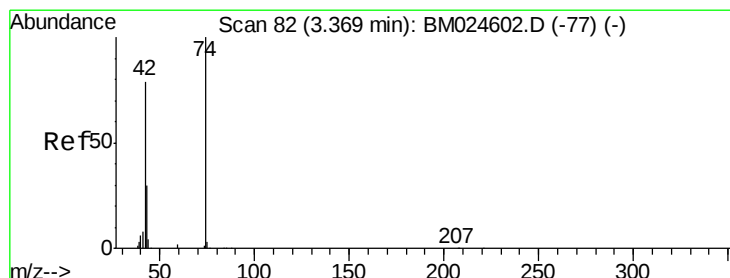
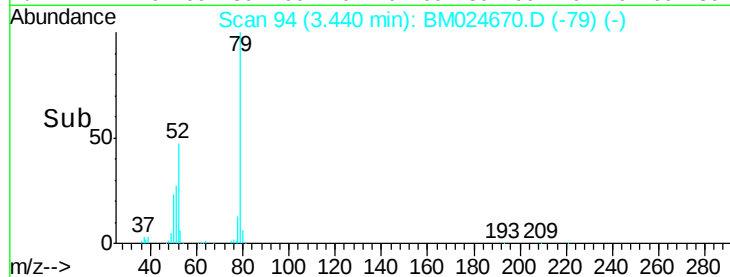
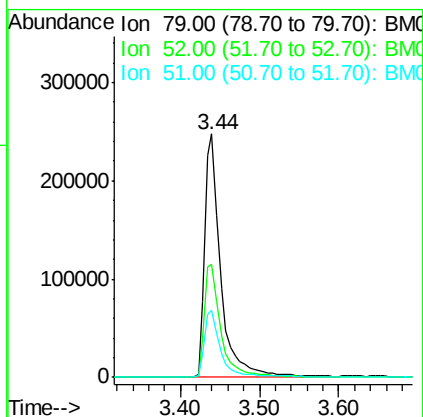
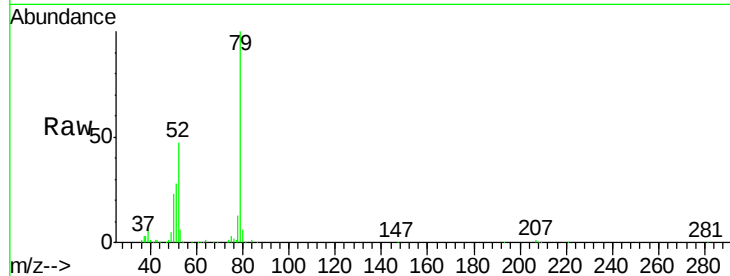
ClientSampleId :

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Tot Ion:	79	Resp:	354991
Ion Ratio	Lower	Upper	
79	100		
52	46.6	41.4	62.2
51	27.7	23.8	35.8

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#4

n-Nitrosodimethylamine

Concen: 35.718 ng

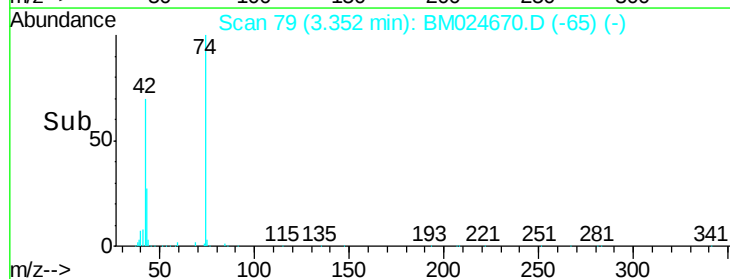
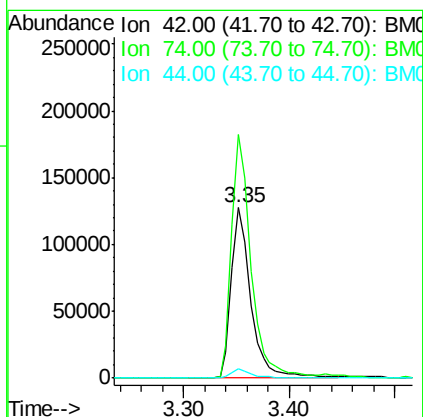
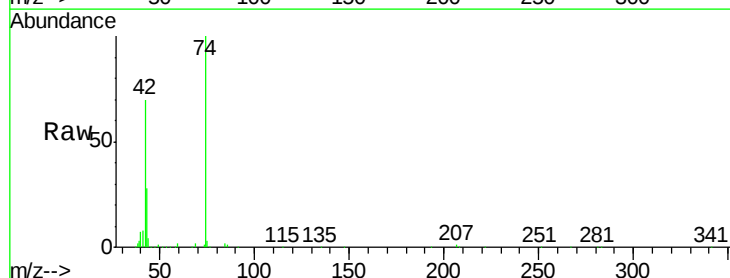
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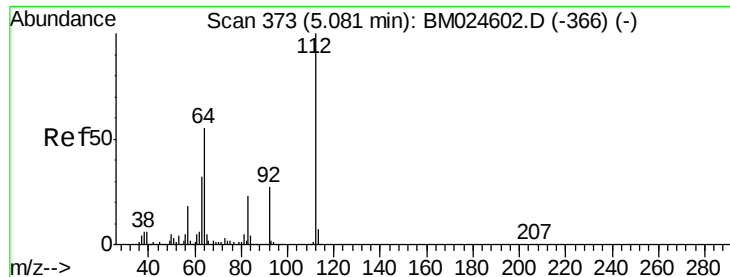
Delta R.T. -0.02 min

Lab File: BM024670.D

Acq: 30 Jan 2020 22:07

Tgt Ion:	42	Resp:	163709
Ion Ratio	Lower	Upper	
42	100		
74	143.1	101.4	152.2
44	5.4	4.6	6.8





#5

2-Fluorophenol

Concen: 97.157 ng

RT: 5.07 min Scan# 371

Delta R.T. -0.01 min

Lab File: BM024670.D

Acq: 30 Jan 2020 22:07

Instrument :

BNA_M

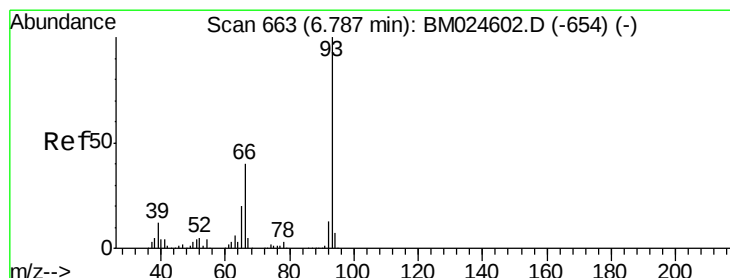
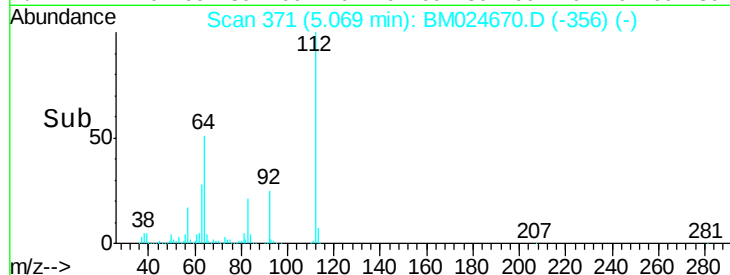
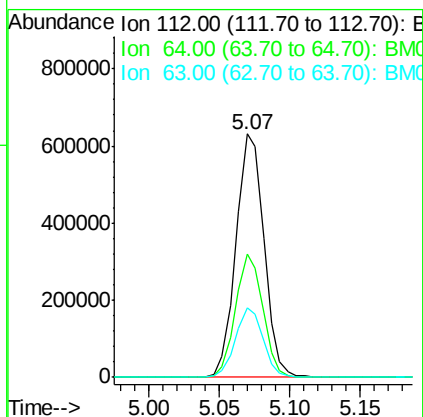
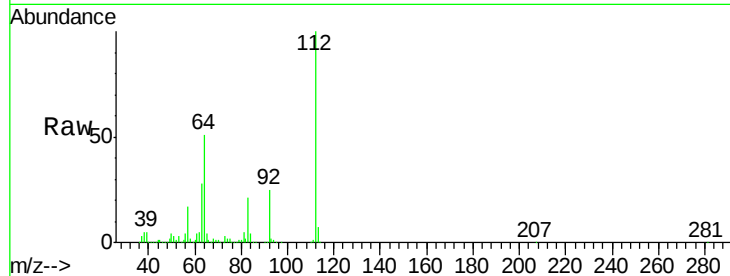
ClientSampleId :

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Tot Ion:	112	Resp:	874874
Ion Ratio	Lower	Upper	
112	100		
64	50.8	44.2	66.4
63	28.3	25.9	38.9

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#6

Aniline

Concen: 22.613 ng

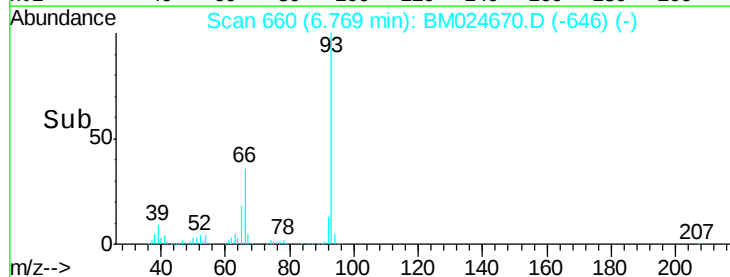
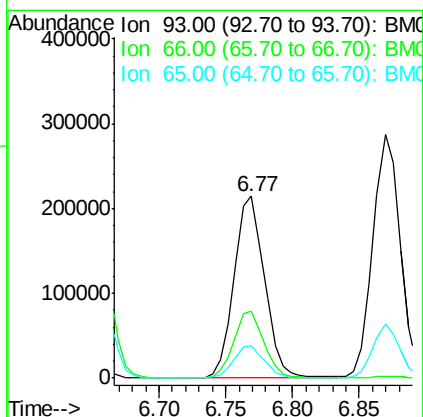
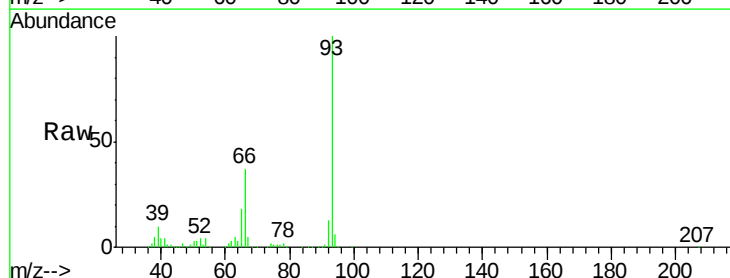
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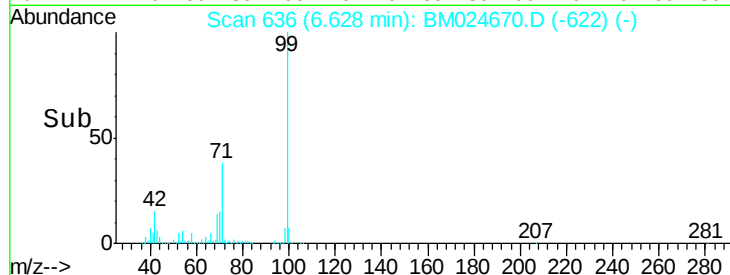
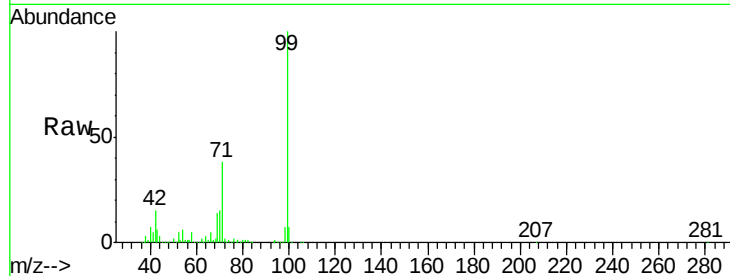
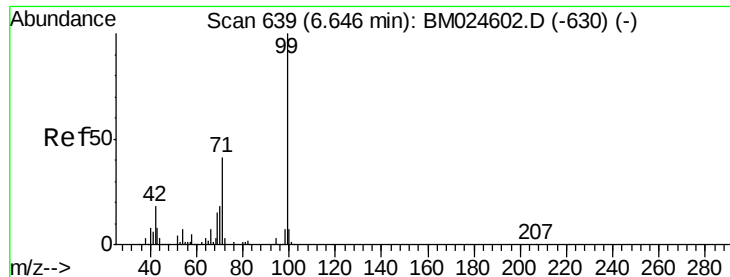
Delta R.T. -0.02 min

Lab File: BM024670.D

Acq: 30 Jan 2020 22:07

Tgt Ion:	93	Resp:	341473
Ion Ratio	Lower	Upper	
93	100		
66	37.2	31.8	47.8
65	18.0	15.8	23.6





#7

Phenol-d6

Concen: 87.250 ng

RT: 6.63 min Scan# 636

Delta R.T. -0.02 min

Lab File: BM024670.D

Acq: 30 Jan 2020 22:07

Tot Ion:	99	Resp:	1082301
Ion	Ratio	Lower	Upper
99	100		
42	14.9	14.1	21.1
71	37.9	33.0	49.6

Instrument :

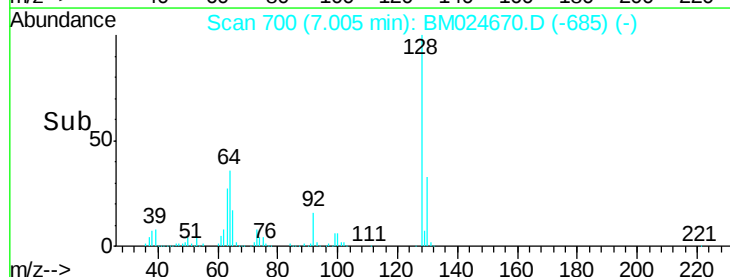
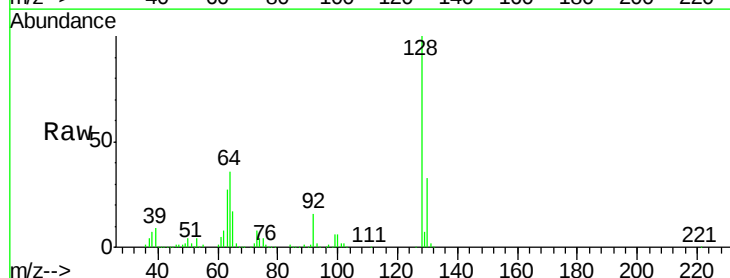
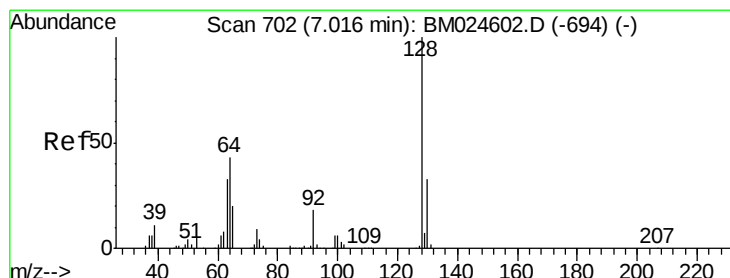
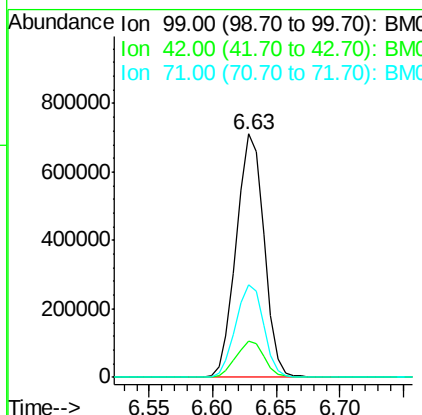
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#8

2-Chlorophenol

Concen: 48.163 ng

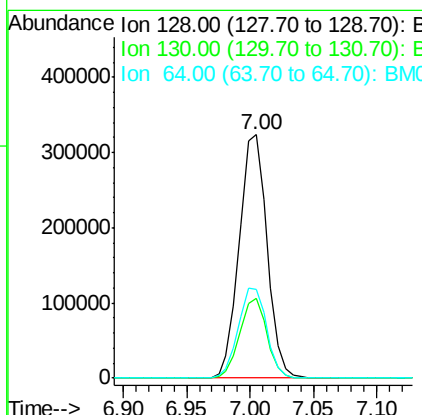
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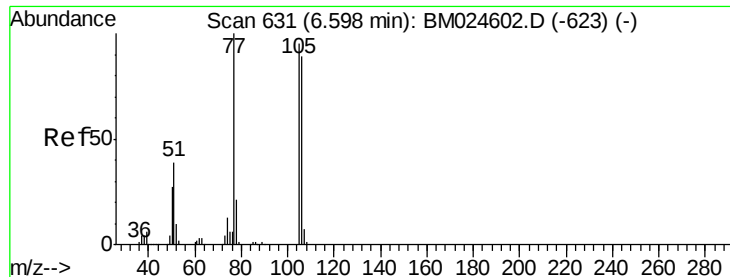
Delta R.T. -0.01 min

Lab File: BM024670.D

Acq: 30 Jan 2020 22:07

Tgt Ion:	128	Resp:	493711
Ion	Ratio	Lower	Upper
128	100		
130	32.8	12.5	52.5
64	36.2	26.1	66.1





#9

Benzaldehyde

Concen: 29.439 ng

RT: 6.58 min Scan# 628

Delta R.T. -0.02 min

Lab File: BM024670.D

Acq: 30 Jan 2020 22:07

Instrument :

BNA_M

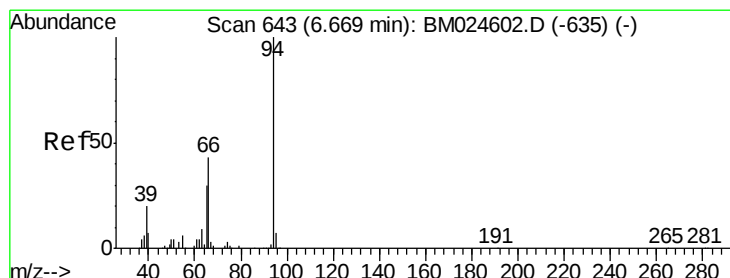
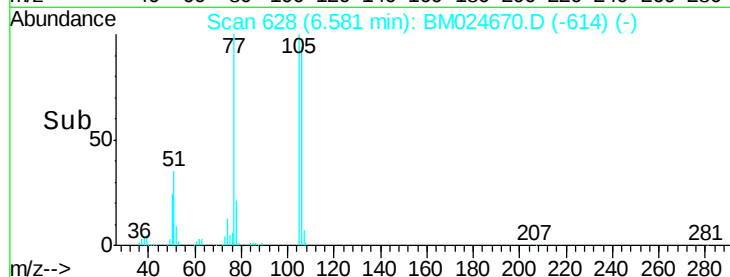
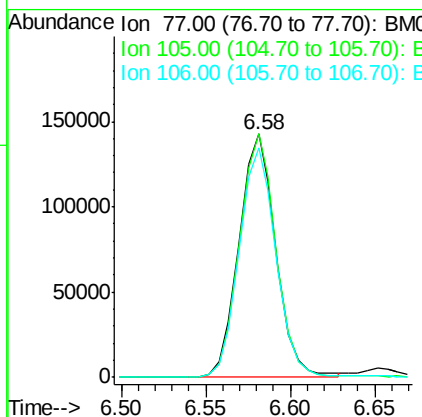
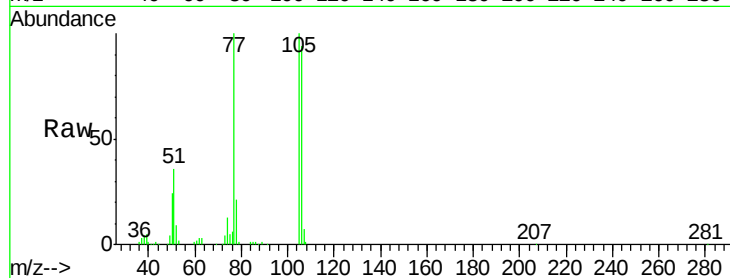
ClientSampleId :

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Tot Ion	Ion	Ratio	Resp	Lower	Upper
77	100				
105	100.0	75.2	115.2		
106	94.3	68.6	108.6		

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#10

Phenol

Concen: 44.566 ng

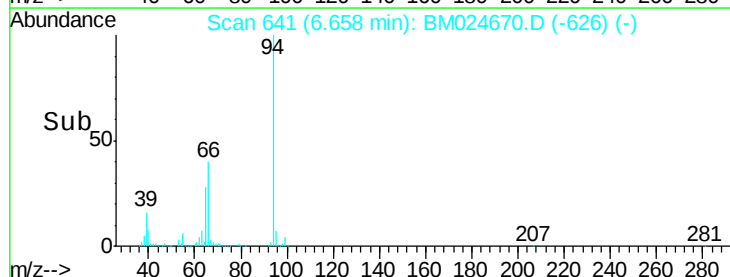
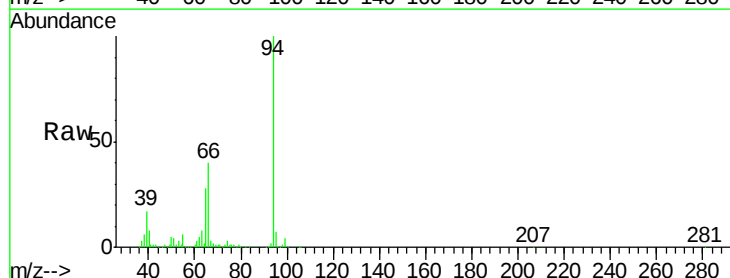
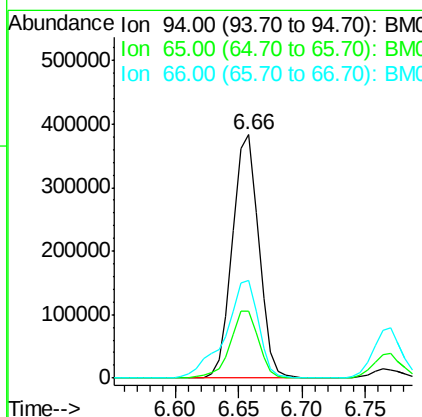
RT: 6.66 min Scan# 641

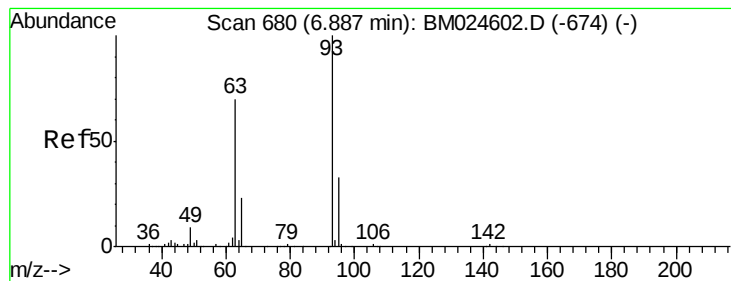
Delta R.T. -0.01 min

Lab File: BM024670.D

Acq: 30 Jan 2020 22:07

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
94	100				
65	27.6	10.3	50.3		
66	40.1	24.8	64.8		





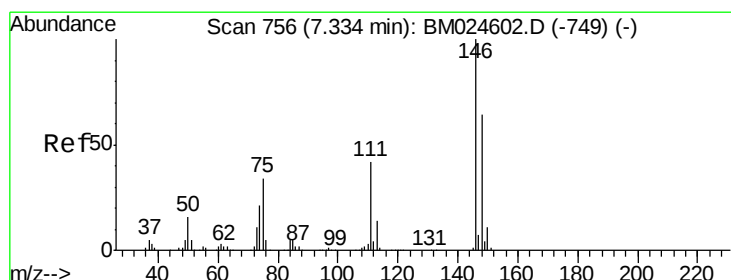
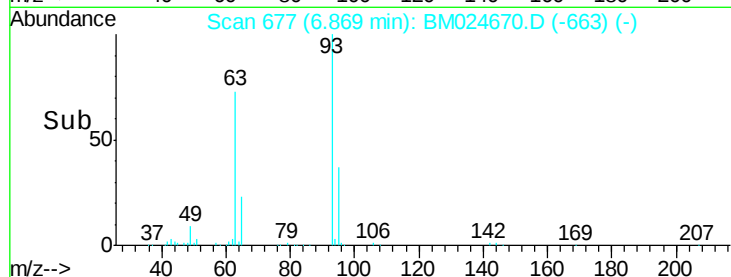
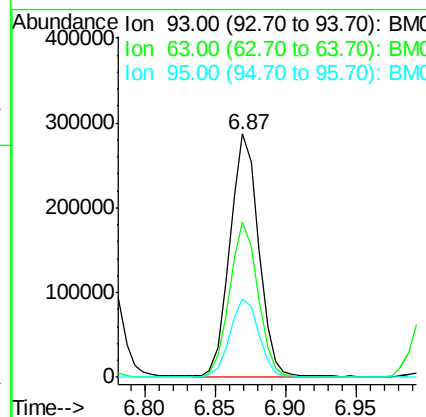
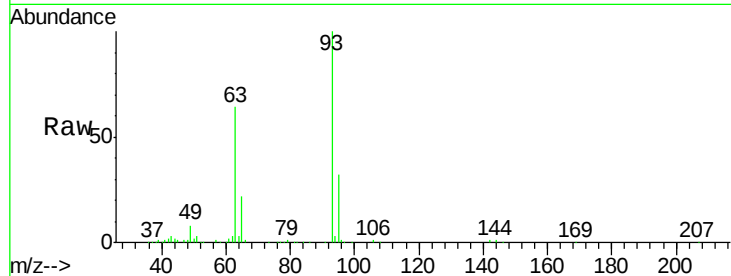
#11
bis(2-Chloroethyl)ether
Concen: 40.619 ng
RT: 6.87 min Scan# 677
Delta R.T. -0.02 min
Lab File: BM024670.D
Acq: 30 Jan 2020 22:07

Instrument :
BNA_M
ClientSampleId :
RAINEY-PARK-BH-04-AMSD

Tot Ion	Ratio	Resp	Lower	Upper
93	100	402082		
63	63.7		49.6	89.6
95	32.5		12.6	52.6

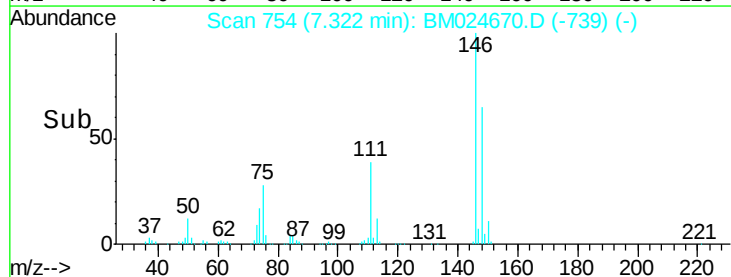
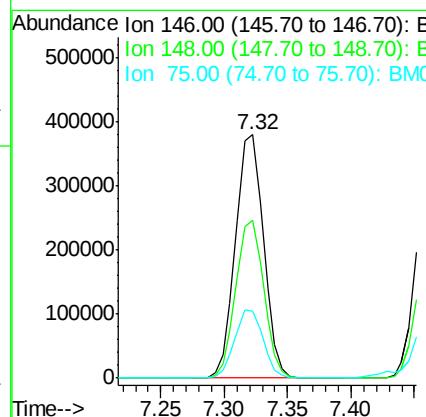
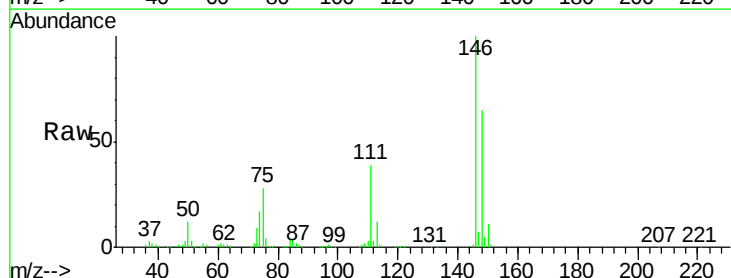
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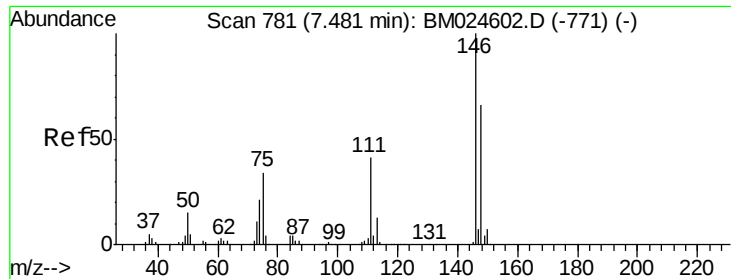
mohammad
2/3/2020 7:55:41 AM



#12
1,3-Dichlorobenzene
Concen: 46.402 ng
RT: 7.32 min Scan# 754
Delta R.T. -0.01 min
Lab File: BM024670.D
Acq: 30 Jan 2020 22:07

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	584345		
148	65.1		51.0	76.6
75	27.7		27.0	40.4





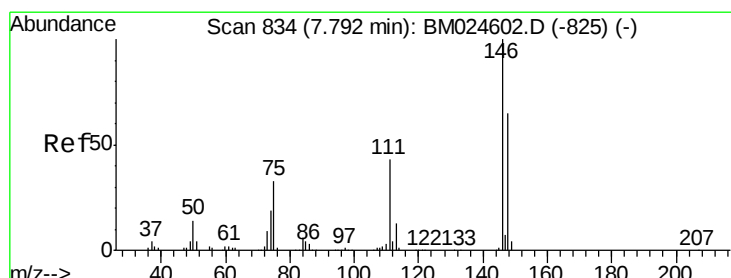
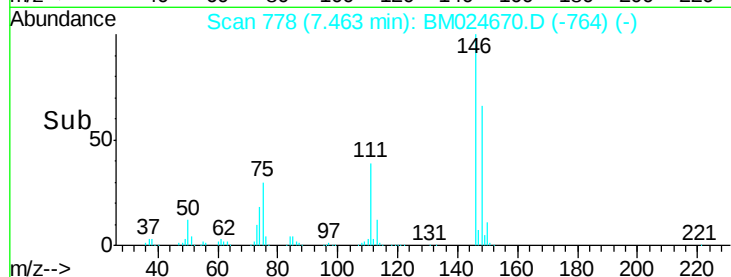
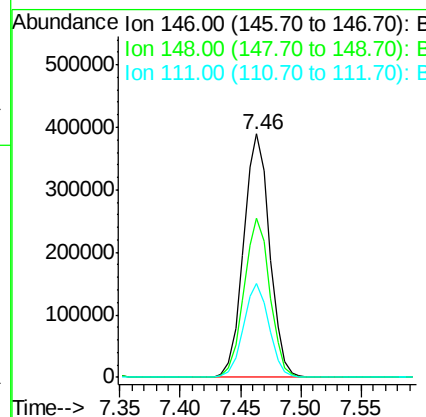
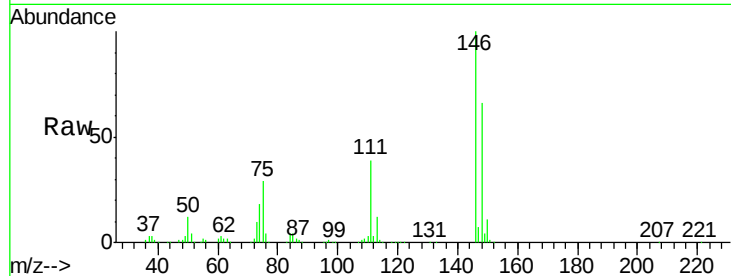
#13
1,4-Dichlorobenzene
Concen: 46.015 ng
RT: 7.46 min Scan# 778
Delta R.T. -0.02 min
Lab File: BM024670.D
Acq: 30 Jan 2020 22:07

Instrument :
BNA_M
ClientSampleId :
RAINEY-PARK-BH-04-AMSD

Tot Ion	Ratio	Lower	Upper
146	100		
148	65.6	52.5	78.7
111	38.7	33.0	49.4

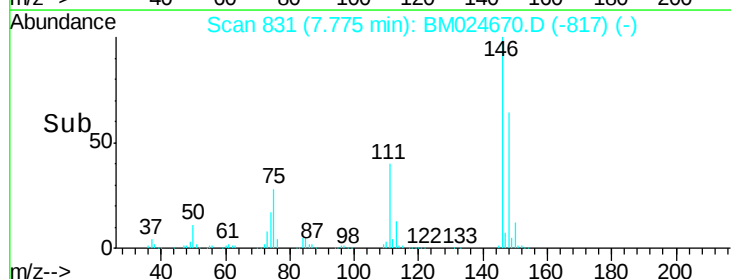
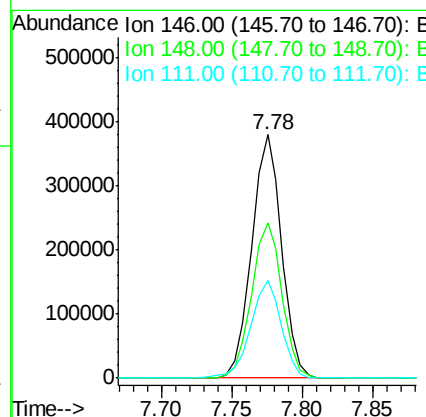
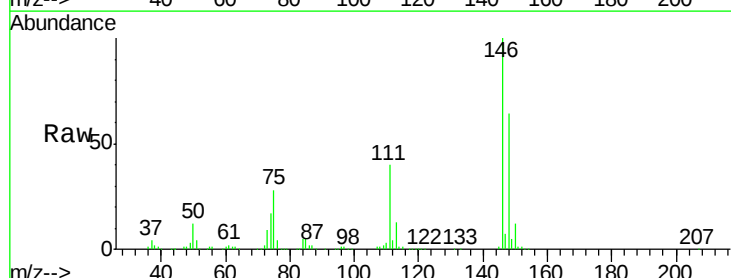
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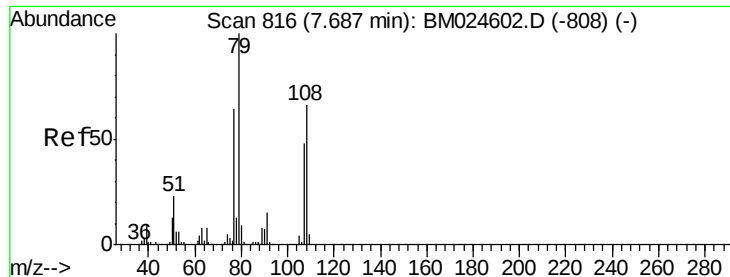
mohammad
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#14
1,2-Dichlorobenzene
Concen: 45.726 ng
RT: 7.78 min Scan# 831
Delta R.T. -0.02 min
Lab File: BM024670.D
Acq: 30 Jan 2020 22:07

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.5	51.9	77.9
111	39.9	34.5	51.7





#15

Benzyl Alcohol

Concen: 38.835 ng

RT: 7.67 min Scan# 813

Delta R.T. -0.02 min

Lab File: BM024670.D

Acq: 30 Jan 2020 22:07

Instrument :

BNA_M

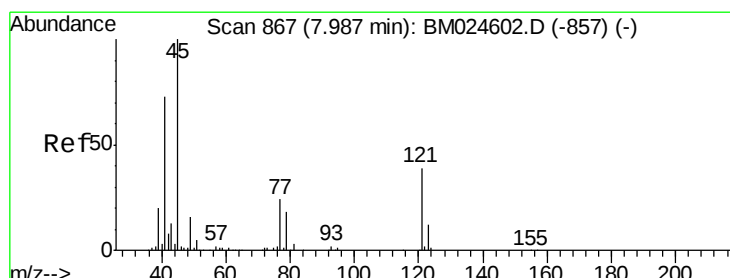
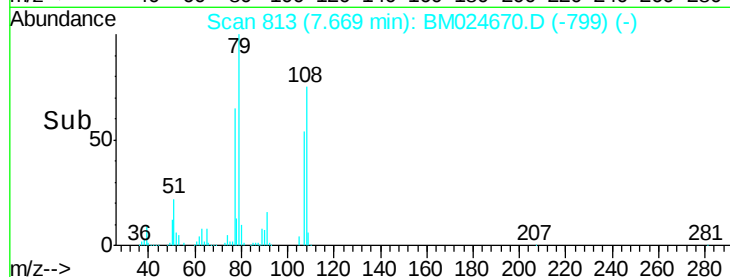
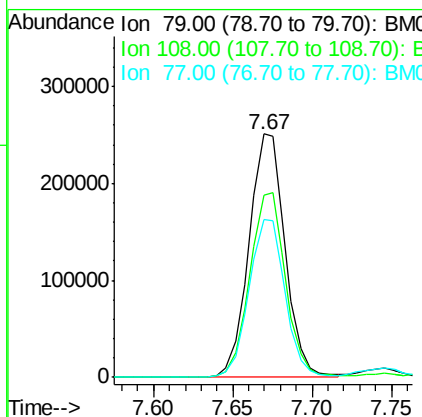
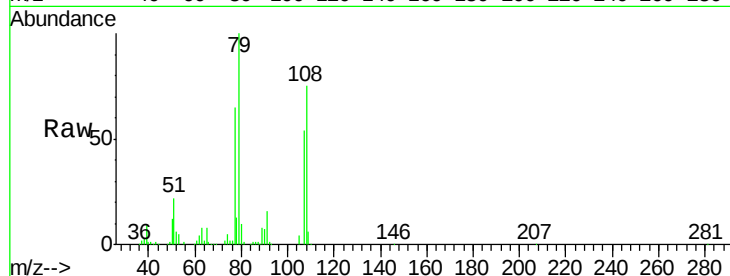
ClientSampleId :

RAINEY-PARK-BH-04-AMSD

Tot Ion:	79	Resp:	397181
Ion Ratio	Lower	Upper	
79	100		
108	75.0	53.0	79.4
77	65.0	50.8	76.2

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#16

2,2'-oxybis(1-chloropropane)

Concen: 33.060 ng

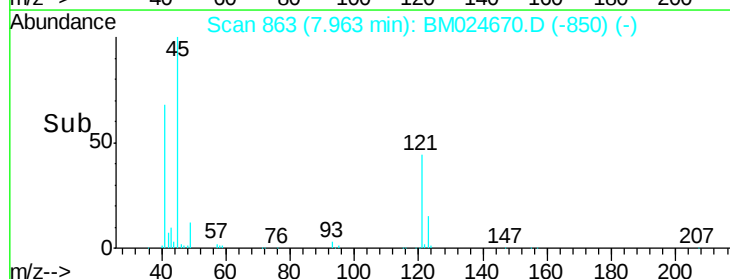
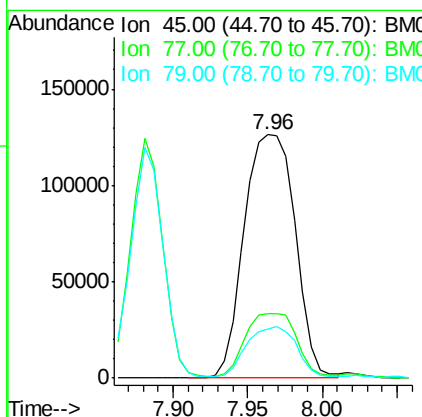
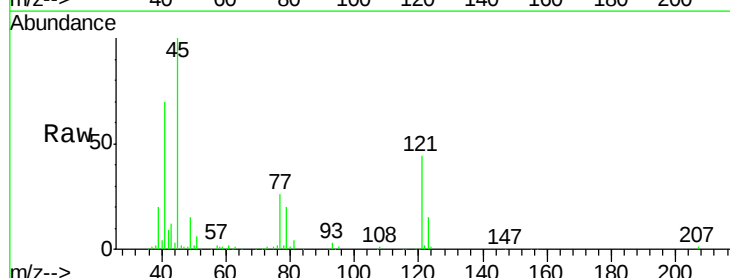
RT: 7.96 min Scan# 863

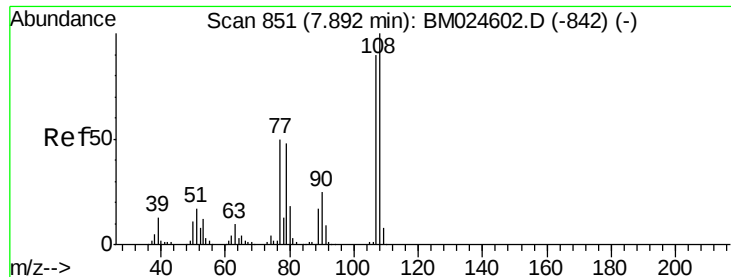
Delta R.T. -0.02 min

Lab File: BM024670.D

Acq: 30 Jan 2020 22:07

Tgt Ion:	45	Resp:	299591
Ion Ratio	Lower	Upper	
45	100		
77	26.3	5.2	45.2
79	20.1	0.0	39.4





#17

2-Methylphenol

Concen: 42.597 ng

RT: 7.88 min Scan# 849

Delta R.T. -0.01 min

Lab File: BM024670.D

Acq: 30 Jan 2020 22:07

Instrument :

BNA_M

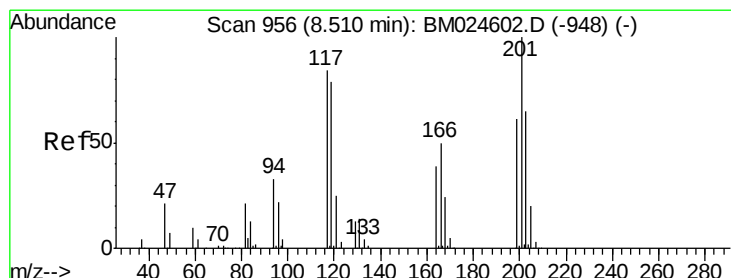
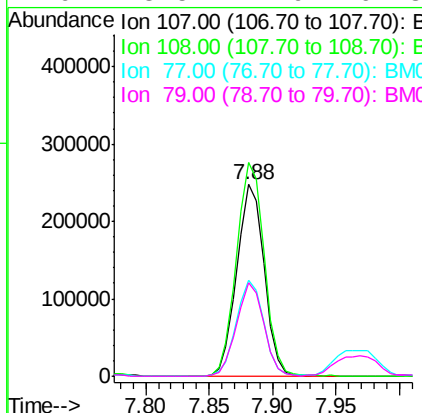
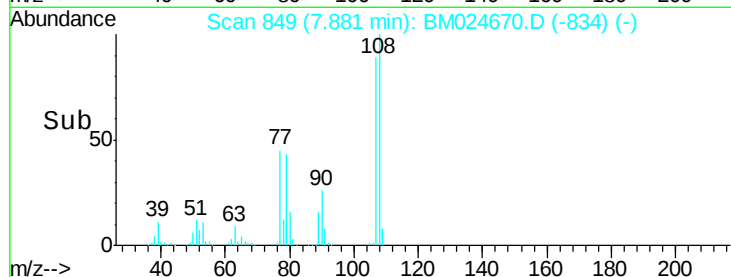
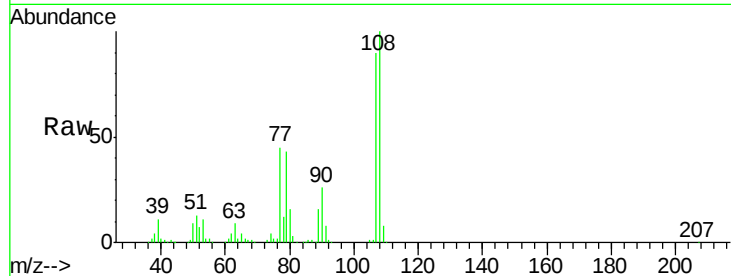
ClientSampleId :

RAINEY-PARK-BH-04-AMSD

Tot Ion	107	Resp	371178
Ion Ratio	Lower	Upper	
107	100		
108	111.6	88.9	133.3
77	50.3	44.5	66.7
79	48.5	42.9	64.3

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#18

Hexachloroethane

Concen: 41.955 ng

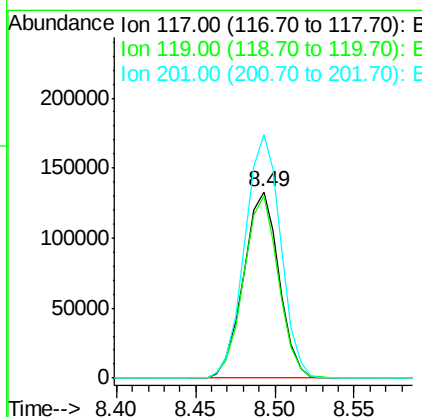
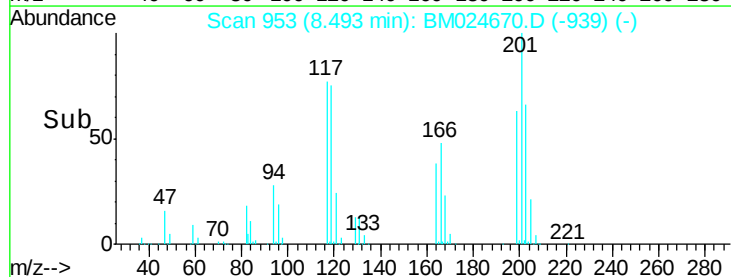
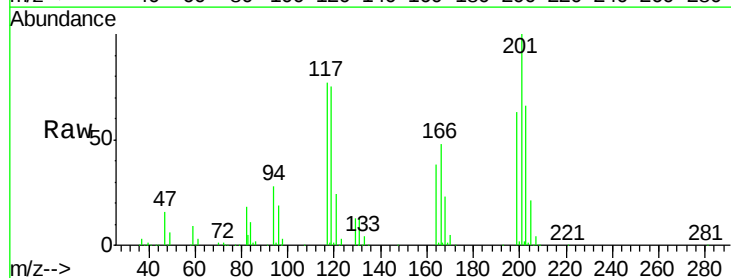
RT: 8.49 min Scan# 953

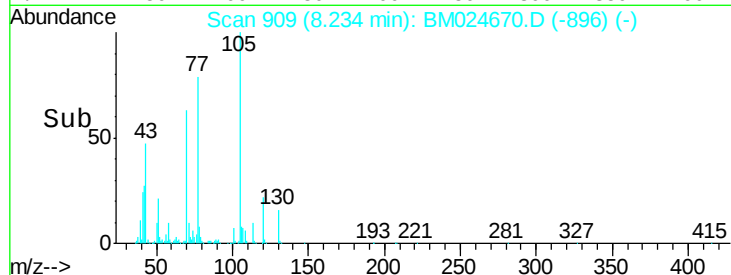
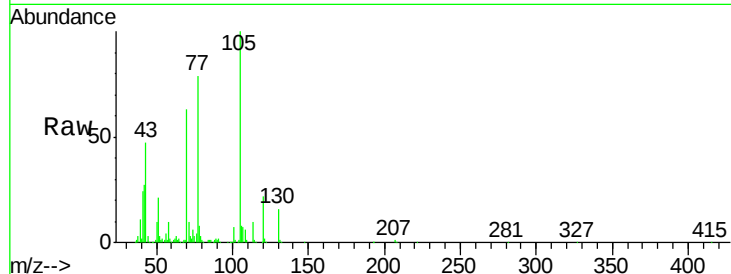
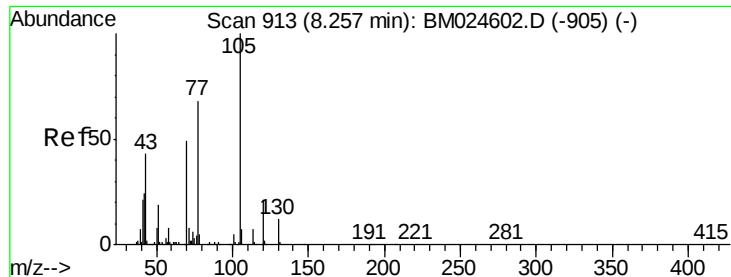
Delta R.T. -0.02 min

Lab File: BM024670.D

Acq: 30 Jan 2020 22:07

Tgt Ion	117	Resp	206976
Ion Ratio	Lower	Upper	
117	100		
119	97.6	75.4	113.2
201	130.6	95.8	143.6





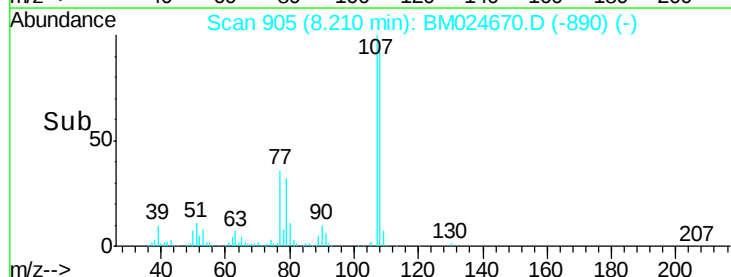
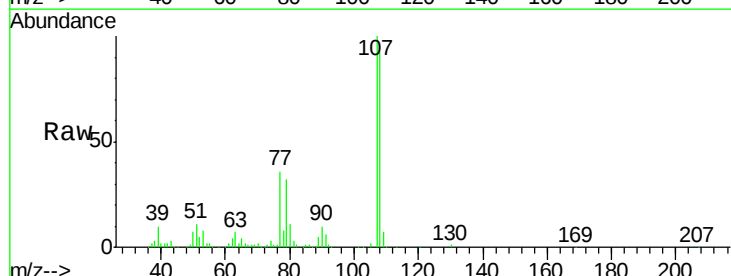
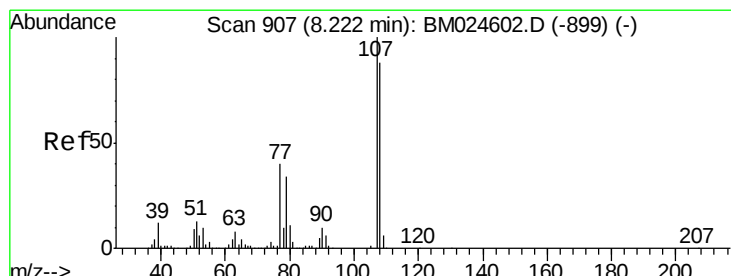
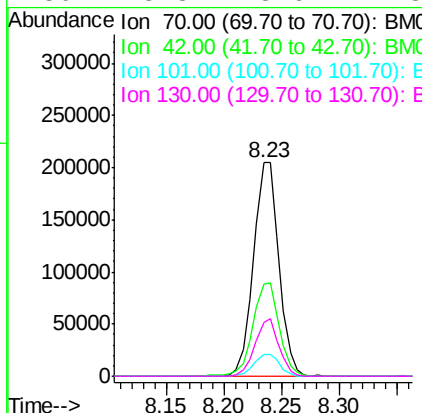
#19
n-Nitroso-di-n-propylamine
Concen: 33.822 ng
RT: 8.23 min Scan# 909
Delta R.T. -0.02 min
Lab File: BM024670.D
Acq: 30 Jan 2020 22:07

Tot Ion	Ratio	Lower	Upper
70	100		
42	43.3	40.0	60.0
101	10.3	8.2	12.2
130	25.3	18.6	27.8

Instrument :
BNA_M
ClientSampleId :
RAINEY-PARK-BH-04-AMSD

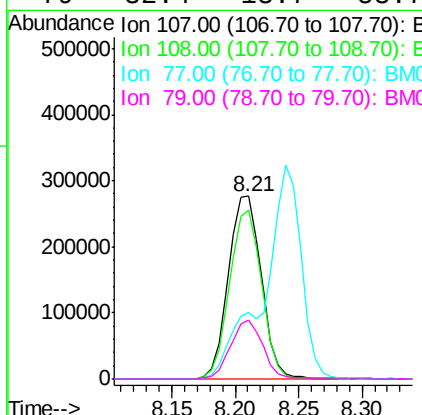
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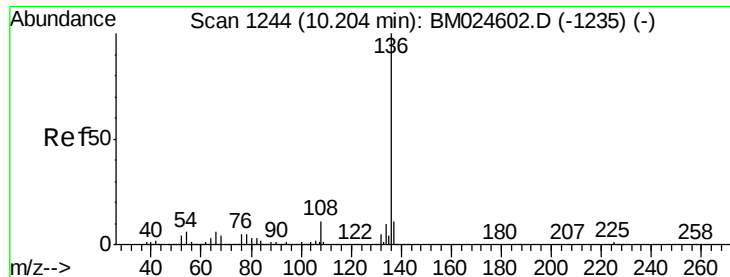
mohammad
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#20
3+4-Methylphenols
Concen: 41.377 ng
RT: 8.21 min Scan# 905
Delta R.T. -0.01 min
Lab File: BM024670.D
Acq: 30 Jan 2020 22:07

Tgt Ion	Ratio	Lower	Upper
107	100		
108	92.2	68.0	108.0
77	36.2	19.9	59.9
79	32.4	13.7	53.7





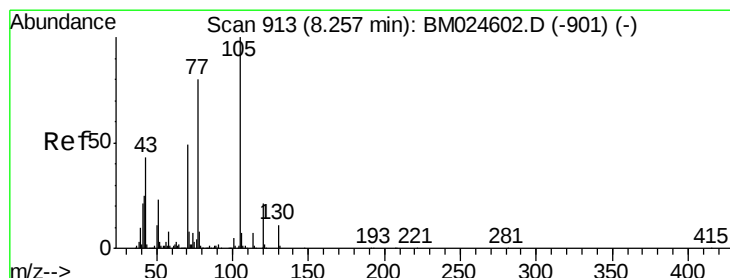
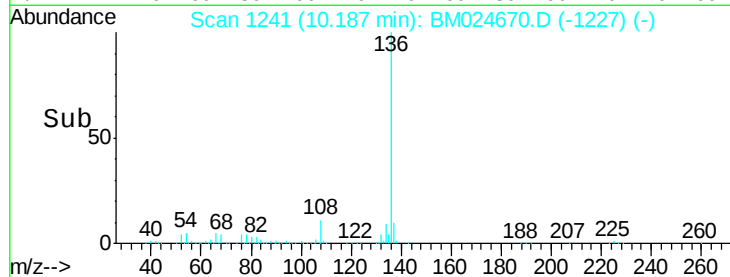
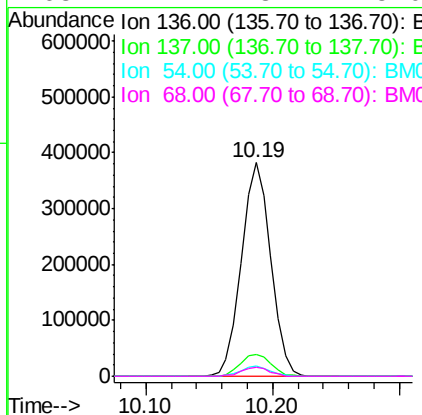
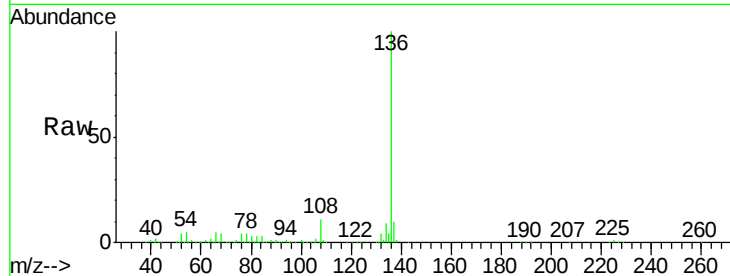
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.19 min Scan# 1241
Delta R.T. -0.02 min
Lab File: BM024670.D
Acq: 30 Jan 2020 22:07

Instrument :
BNA_M
ClientSampleId :
RAINEY-PARK-BH-04-AMSD

Tot Ion	Ratio	Resp	Lower	Upper
136	100	612196		
137	10.4	8.6	13.0	
54	4.8	4.5	6.7	
68	4.2	3.4	5.0	

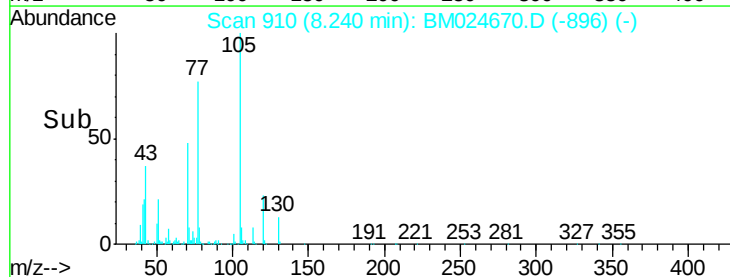
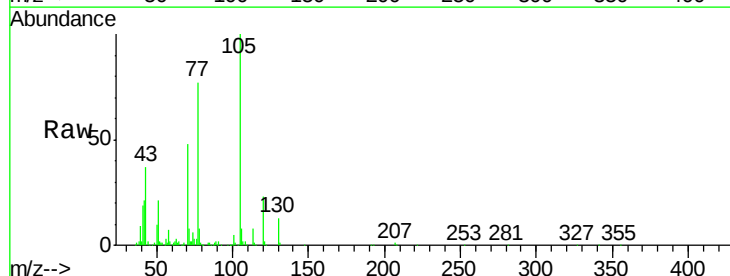
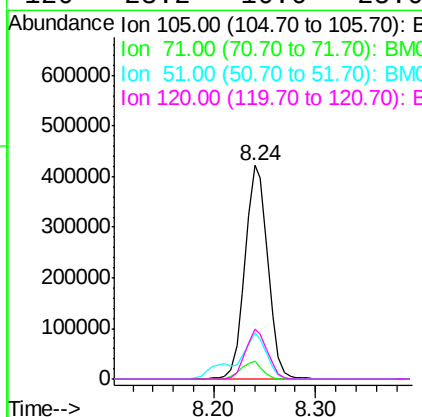
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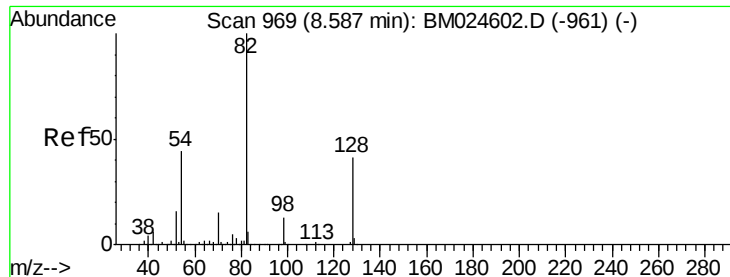
mohammad
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#22
Acetophenone
Concen: 41.803 ng
RT: 8.24 min Scan# 910
Delta R.T. -0.02 min
Lab File: BM024670.D
Acq: 30 Jan 2020 22:07

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	659891		
71	8.2	6.7	10.1	
51	21.3	18.5	27.7	
120	23.2	16.6	25.0	





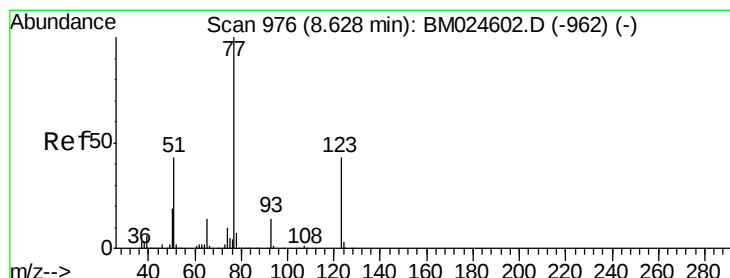
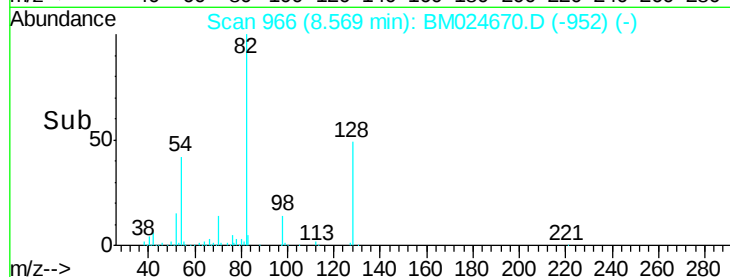
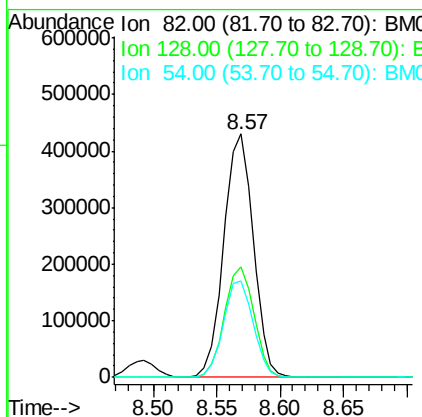
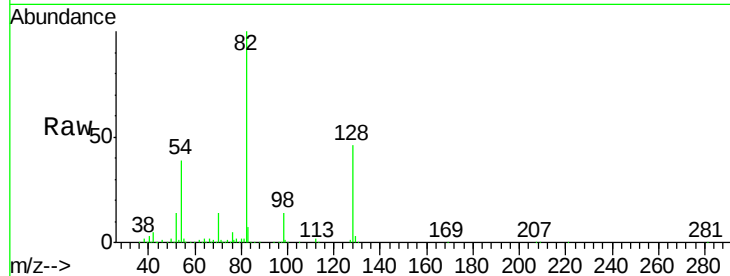
#23
 Nitrobenzene-d5
 Concen: 55.473 ng
 RT: 8.57 min Scan# 966
 Delta R.T. -0.02 min
 Lab File: BM024670.D
 Acq: 30 Jan 2020 22:07

Instrument :
 BNA_M
 ClientSampleId :
 RAINEY-PARK-BH-04-AMSD

Tot Ion	Ratio	Resp	Lower	Upper
82	100	692485		
128	45.6		32.6	48.8
54	39.4		34.8	52.2

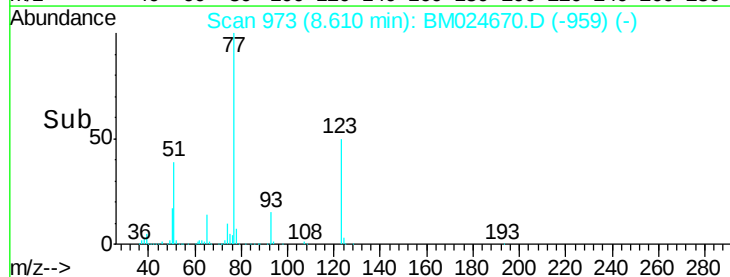
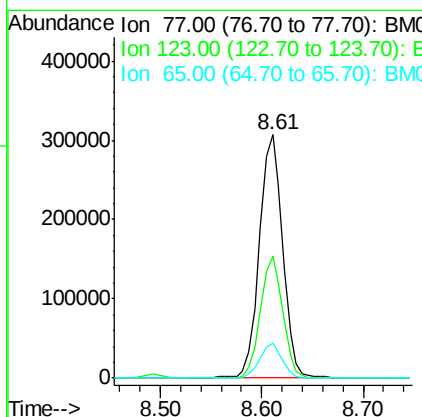
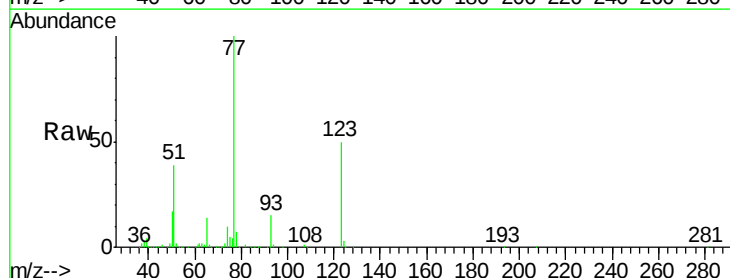
Manual Integrations
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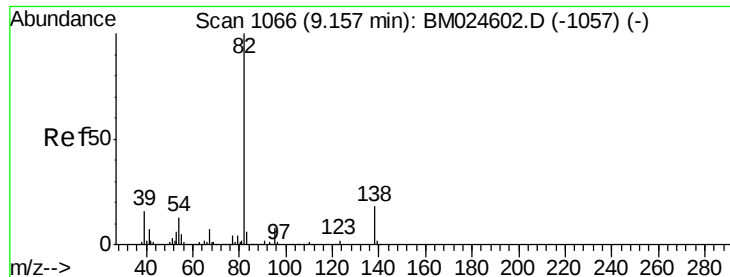
mohammad
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#24
 Nitrobenzene
 Concen: 40.703 ng
 RT: 8.61 min Scan# 973
 Delta R.T. -0.02 min
 Lab File: BM024670.D
 Acq: 30 Jan 2020 22:07

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	486918		
123	49.9		34.6	52.0
65	14.1		11.0	16.4





#25

Isophorone

Concen: 40.277 ng

RT: 9.14 min Scan# 1063

Delta R.T. -0.02 min

Lab File: BM024670.D

Acq: 30 Jan 2020 22:07

Instrument :

BNA_M

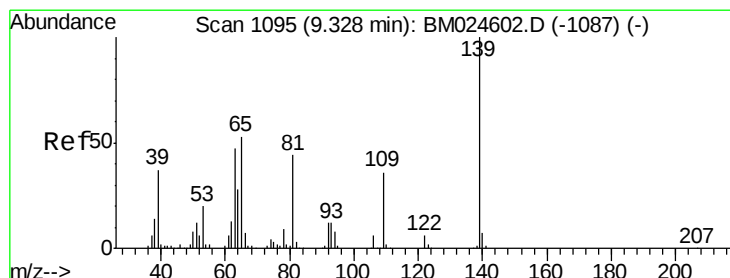
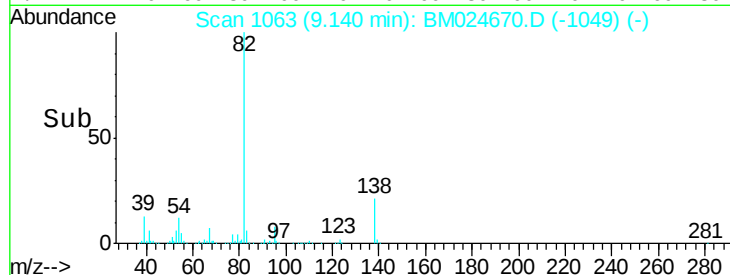
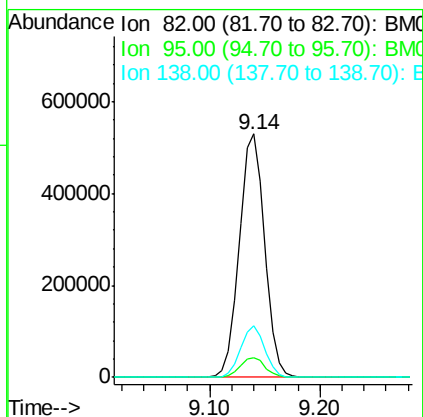
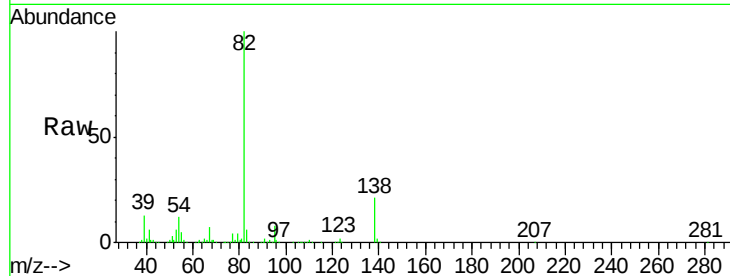
ClientSampleId :

RAINEY-PARK-BH-04-AMSD

Tot Ion:	82	Resp:	854306
Ion Ratio	Lower	Upper	
82	100		
95	8.3	6.7	10.1
138	21.1	14.7	22.1

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#26

2-Nitrophenol

Concen: 49.942 ng

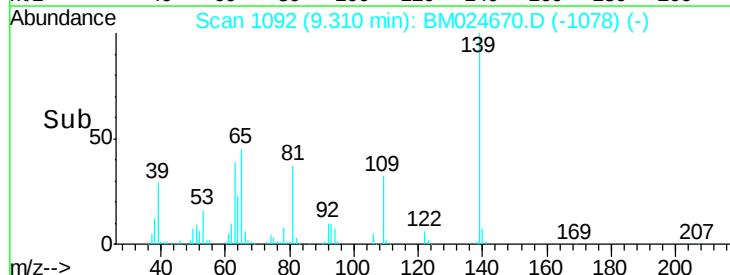
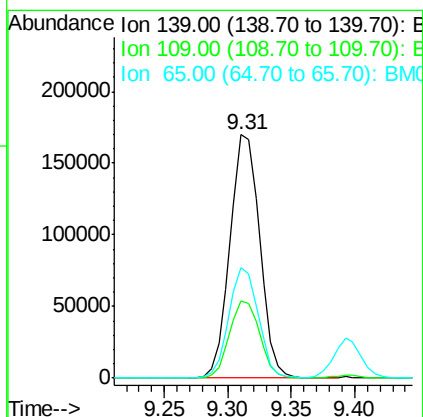
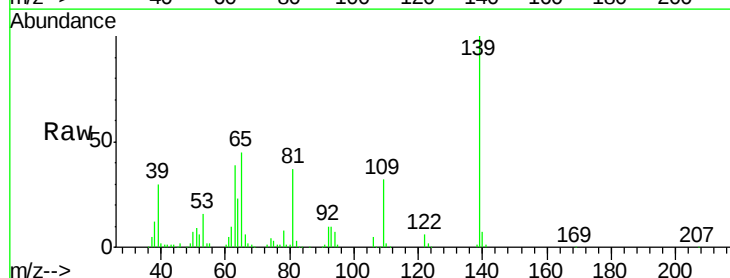
RT: 9.31 min Scan# 1092

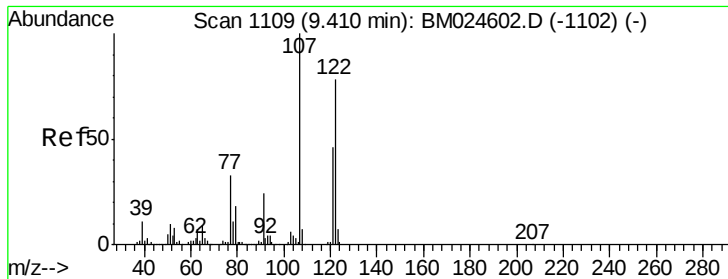
Delta R.T. -0.02 min

Lab File: BM024670.D

Acq: 30 Jan 2020 22:07

Tgt Ion:	139	Resp:	276643
Ion Ratio	Lower	Upper	
139	100		
109	31.9	28.8	43.2
65	45.3	42.6	63.8





#27

2,4-Dimethylphenol

Concen: 55.140 ng

RT: 9.39 min Scan# 1106

Delta R.T. -0.02 min

Lab File: BM024670.D

Acq: 30 Jan 2020 22:07

Instrument :

BNA_M

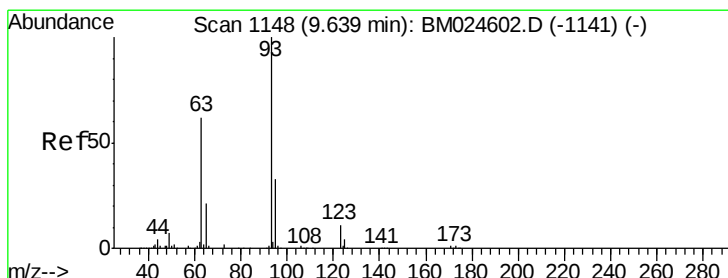
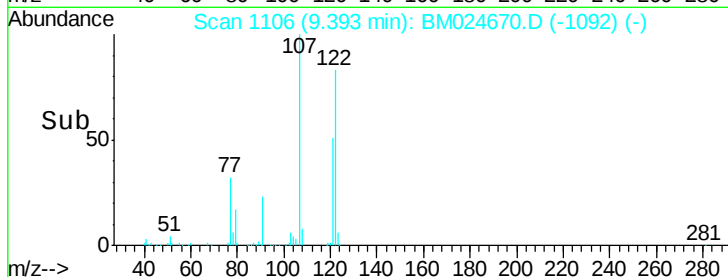
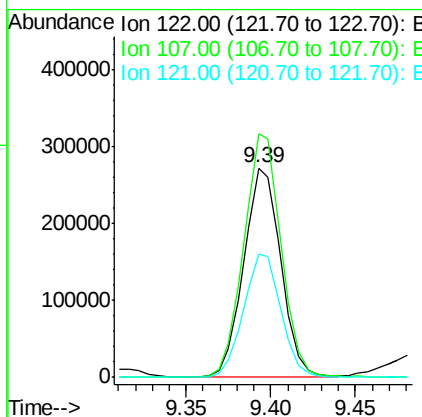
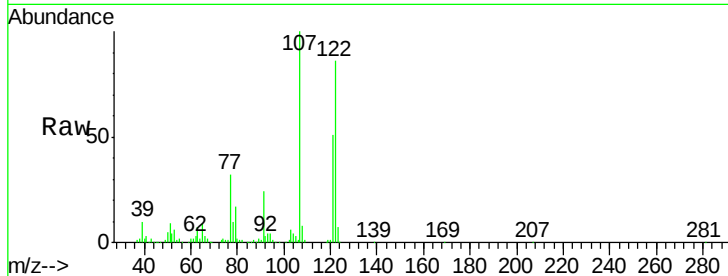
ClientSampleId :

RAINEY-PARK-BH-04-AMSD

Tot Ion	Ratio	Lower	Upper
122	100		
107	116.1	102.5	153.7
121	58.7	47.0	70.4

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#28

bis(2-Chloroethoxy)methane

Concen: 40.262 ng

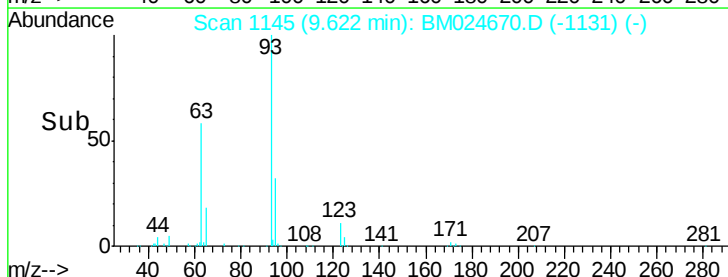
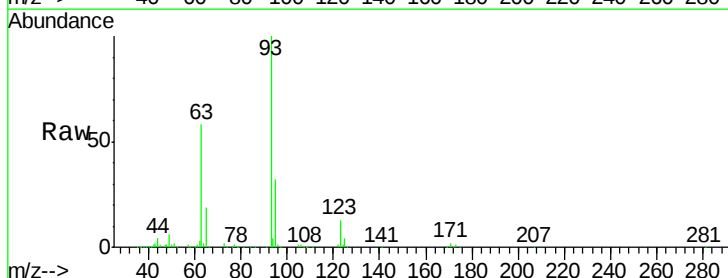
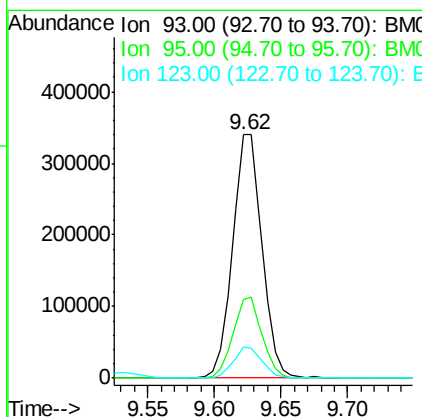
RT: 9.62 min Scan# 1145

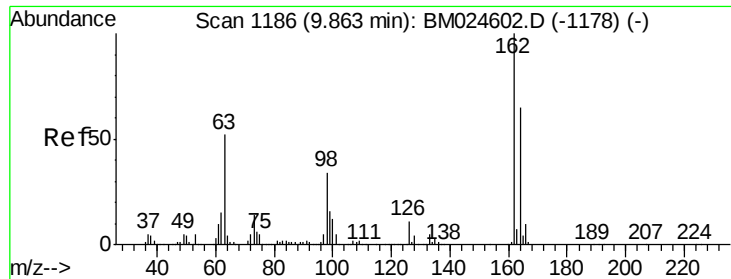
Delta R.T. -0.02 min

Lab File: BM024670.D

Acq: 30 Jan 2020 22:07

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.3	26.1	39.1
123	12.6	8.7	13.1





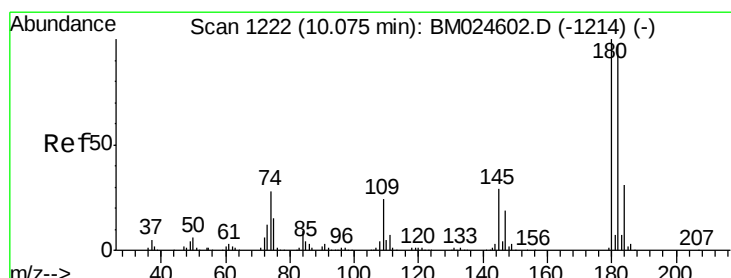
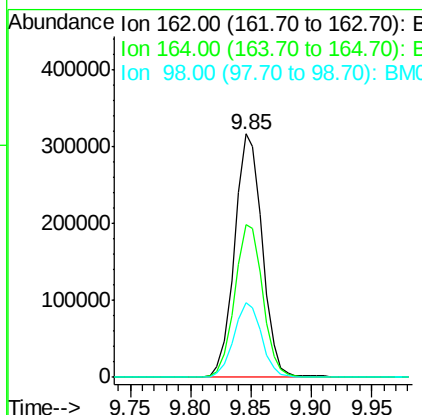
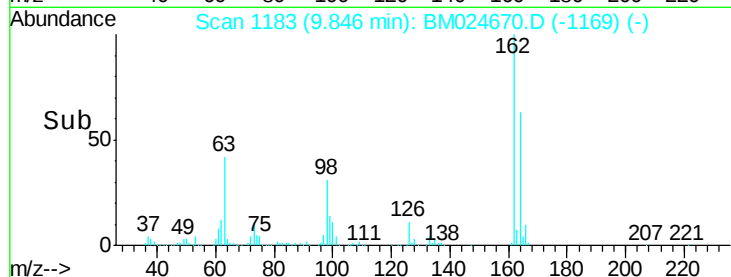
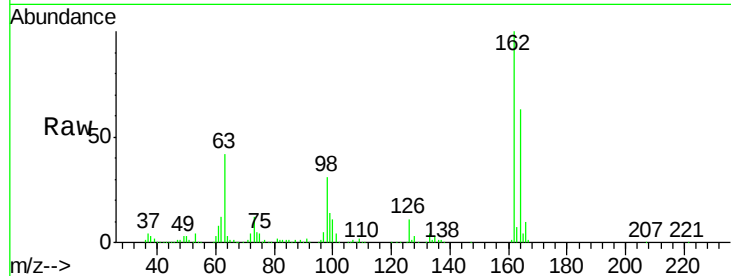
#29
2,4-Dichlorophenol
Concen: 49.936 ng
RT: 9.85 min Scan# 1183
Delta R.T. -0.02 min
Lab File: BM024670.D
Acq: 30 Jan 2020 22:07

Instrument :
BNA_M
ClientSampleId :
RAINEY-PARK-BH-04-AMSD

Tot Ion	Ratio	Resp	Lower	Upper
162	100	507829		
164	62.6		44.5	84.5
98	30.6		14.2	54.2

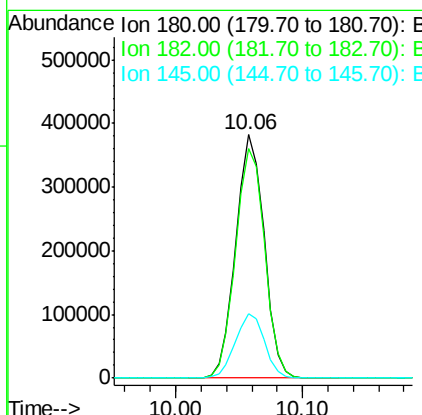
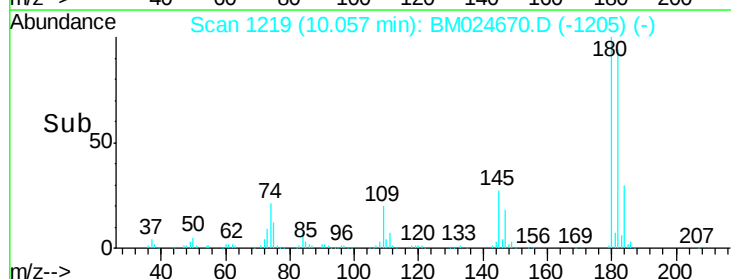
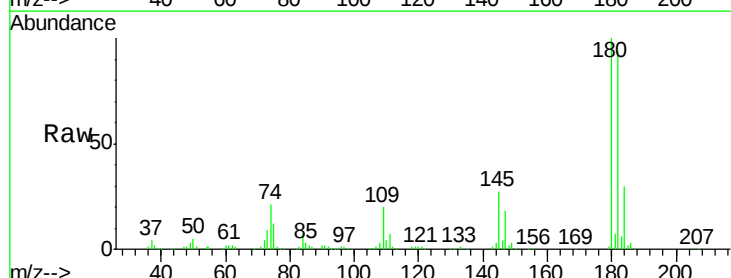
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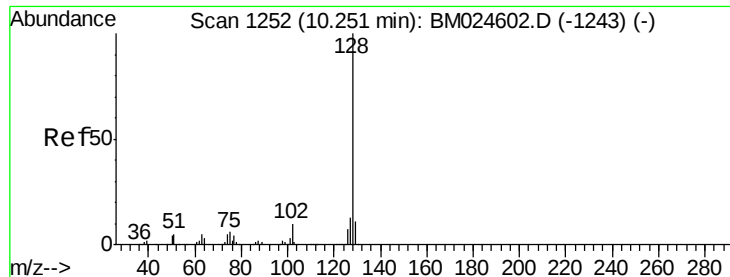
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#30
1,2,4-Trichlorobenzene
Concen: 48.423 ng
RT: 10.06 min Scan# 1219
Delta R.T. -0.02 min
Lab File: BM024670.D
Acq: 30 Jan 2020 22:07

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	593914		
182	94.4		77.8	116.6
145	26.7		22.9	34.3





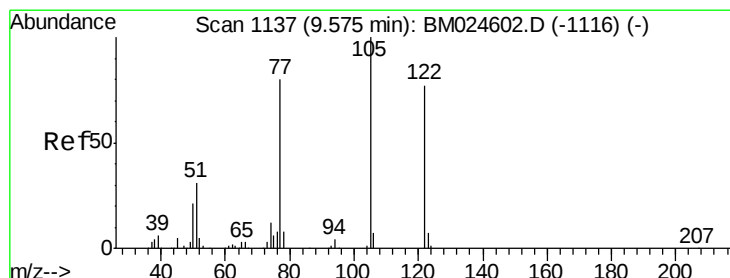
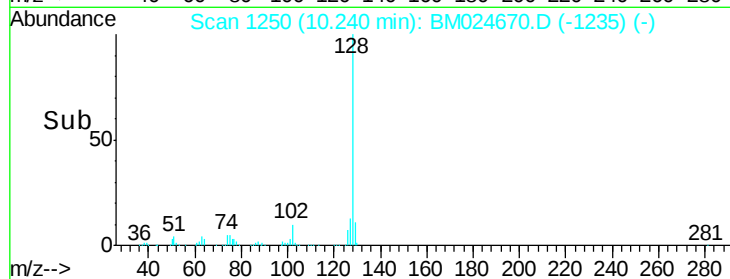
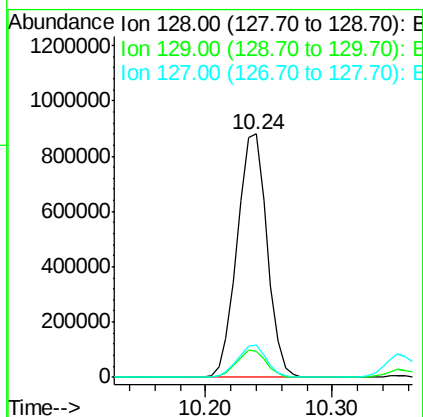
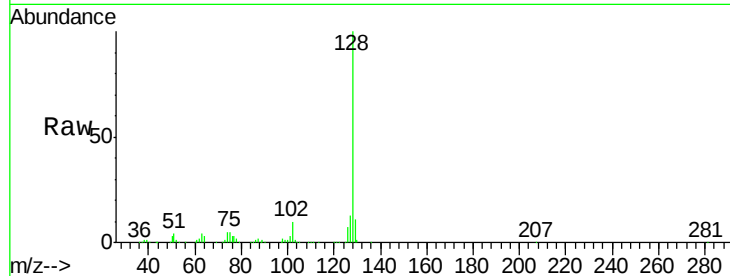
#31
Naphthalene
Concen: 46.500 ng
RT: 10.24 min Scan# 1250
Delta R.T. -0.01 min
Lab File: BM024670.D
Acq: 30 Jan 2020 22:07

Instrument :
BNA_M
ClientSampleId :
RAINEY-PARK-BH-04-AMSD

Tot Ion	Ratio	Lower	Upper
128	100		
129	10.9	8.8	13.2
127	13.1	10.6	15.8

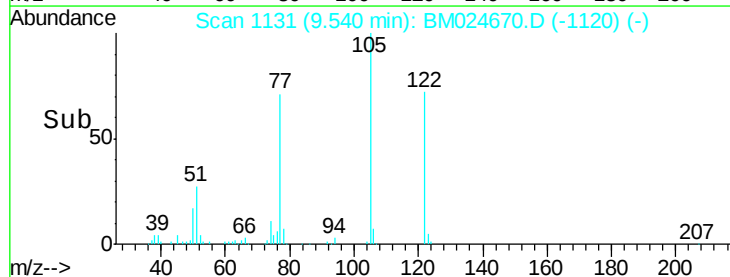
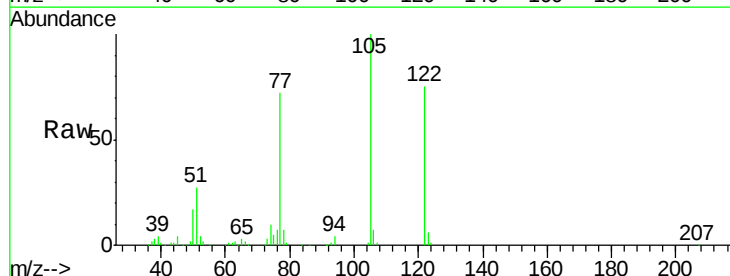
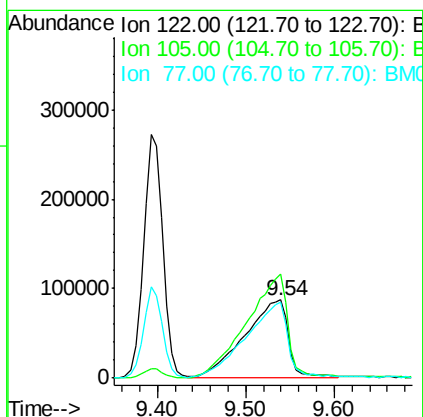
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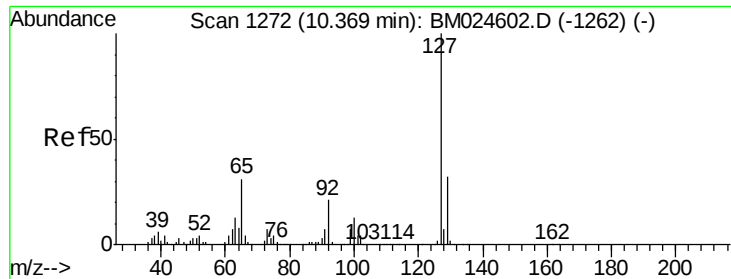
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#32
Benzoic acid
Concen: 43.692 ng m
RT: 9.54 min Scan# 1131
Delta R.T. -0.03 min
Lab File: BM024670.D
Acq: 30 Jan 2020 22:07

Tgt Ion	Ratio	Lower	Upper
122	100		
105	133.8	107.7	147.7
77	96.7	83.8	123.8





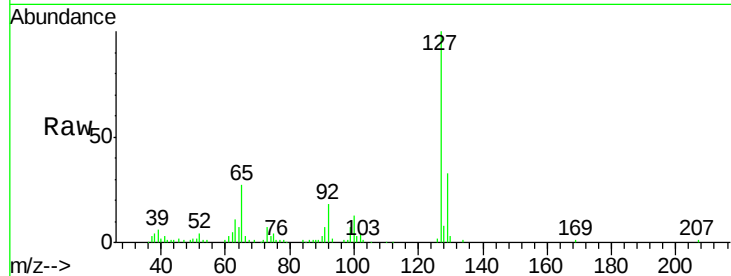
#33
4-Chloroaniline
Concen: 11.225 ng
RT: 10.35 min Scan# 1269
Delta R.T. -0.02 min
Lab File: BM024670.D
Acq: 30 Jan 2020 22:07

Instrument :
BNA_M
ClientSampleId :
RAINEY-PARK-BH-04-AMSD

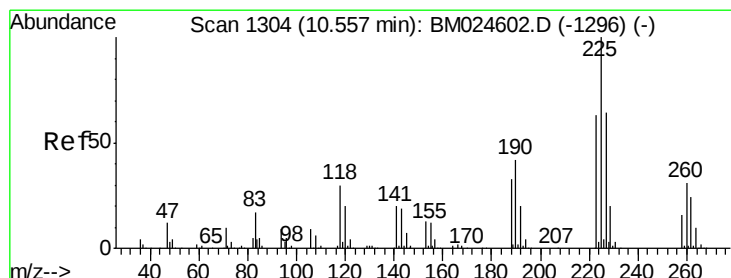
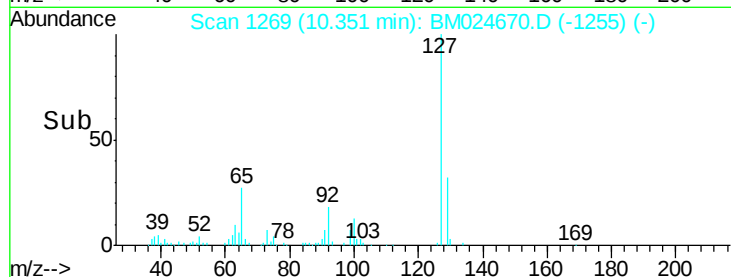
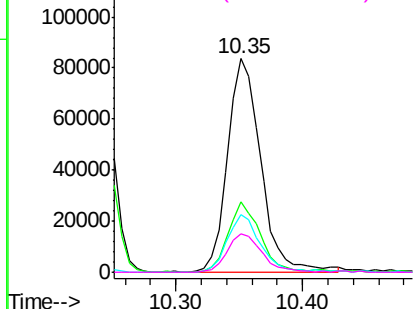
Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	32.8	25.9	38.9		
65	26.7	25.1	37.7		
92	18.1	16.6	25.0		

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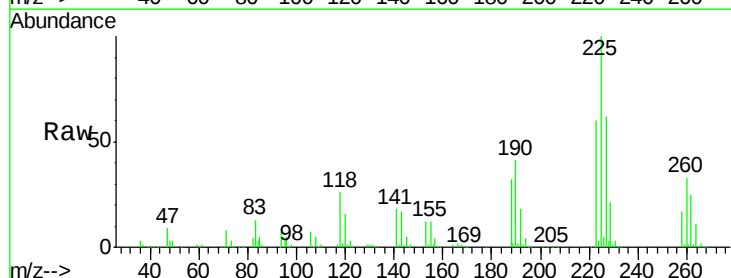


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BM
Ion 92.00 (91.70 to 92.70): BM

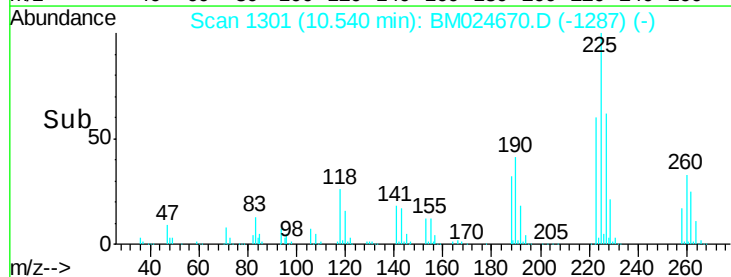
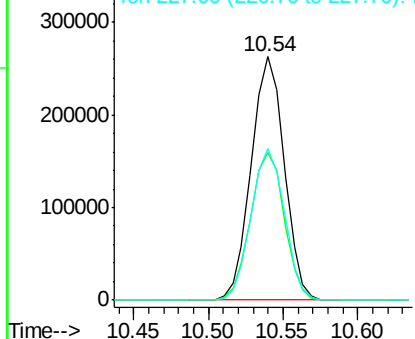


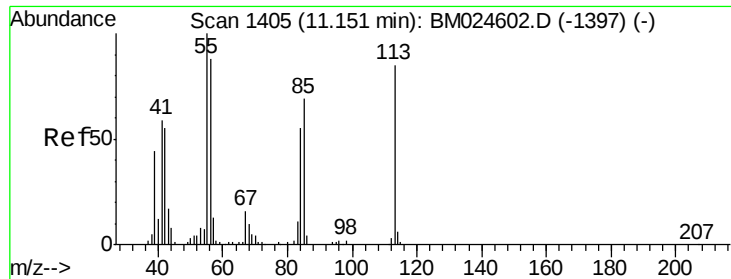
#34
Hexachlorobutadiene
Concen: 47.432 ng
RT: 10.54 min Scan# 1301
Delta R.T. -0.02 min
Lab File: BM024670.D
Acq: 30 Jan 2020 22:07

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	60.4	50.7	76.1		
227	62.0	51.4	77.0		



Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E





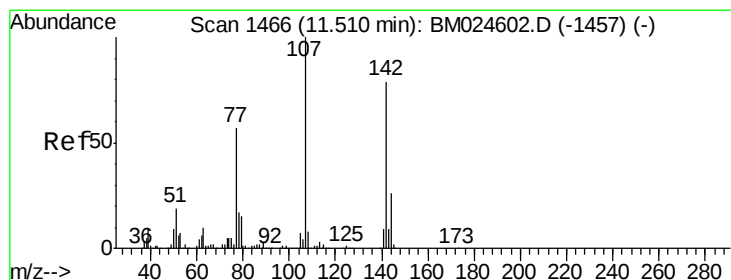
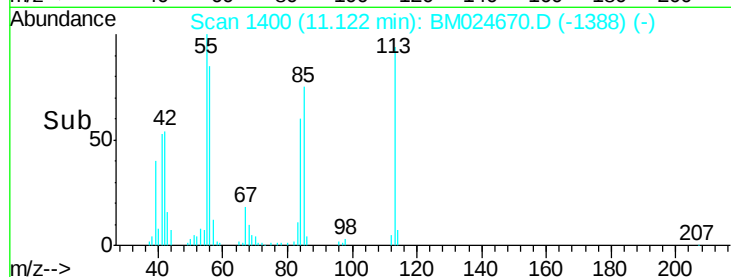
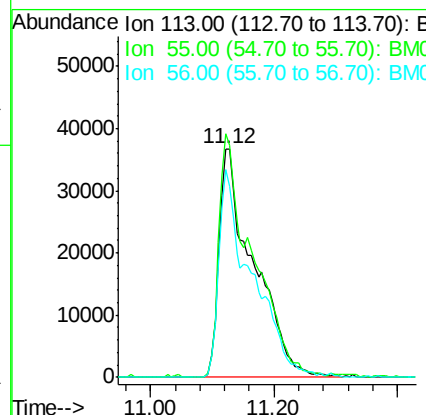
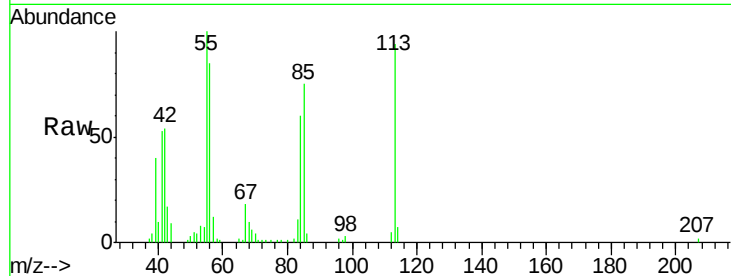
#35
Caprolactam
Concen: 43.197 ng/ml
RT: 11.12 min Scan# 1400
Delta R.T. -0.03 min
Lab File: BM024670.D
Acq: 30 Jan 2020 22:07

Instrument :
BNA_M
ClientSampleID :
RAINEY-PARK-BH-04-AMSD

Tot Ion	Ratio	Resp	Lower	Upper
113	100	140938		
55	106.5	97.5	137.5	
56	90.8	83.4	123.4	

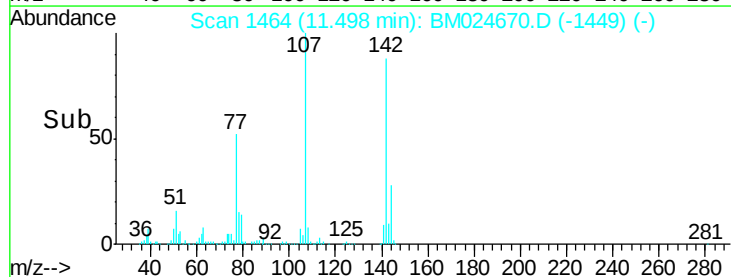
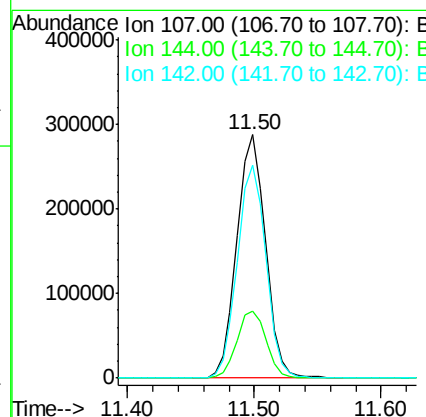
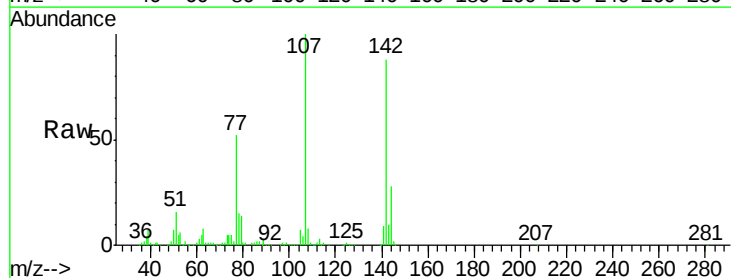
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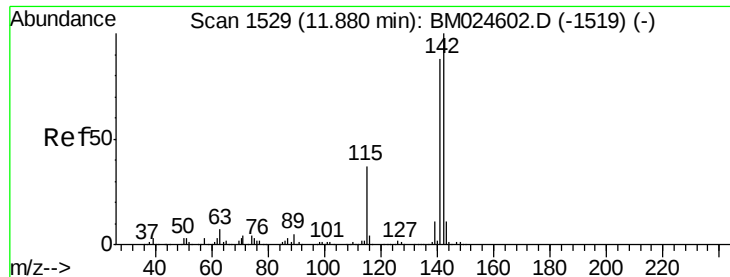
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#36
4-Chloro-3-methylphenol
Concen: 41.582 ng/ml
RT: 11.50 min Scan# 1464
Delta R.T. -0.01 min
Lab File: BM024670.D
Acq: 30 Jan 2020 22:07

Tgt Ion	Ratio	Resp	Lower	Upper
107	100	449660		
144	27.7	20.5	30.7	
142	87.6	62.8	94.2	





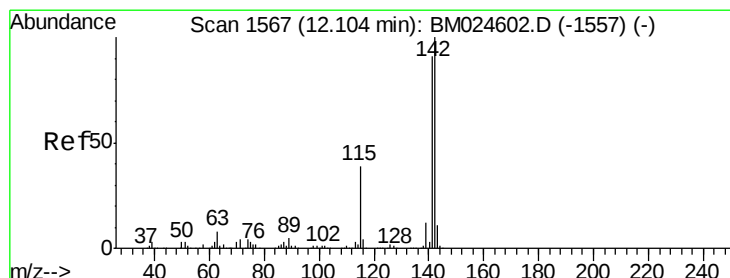
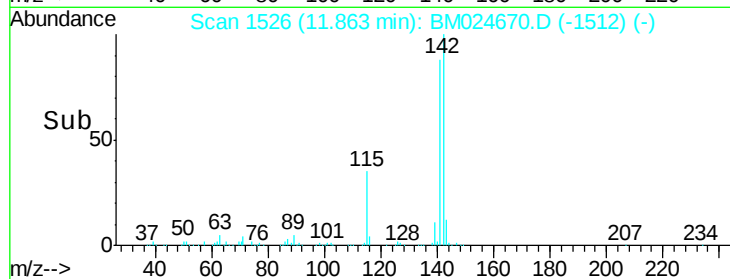
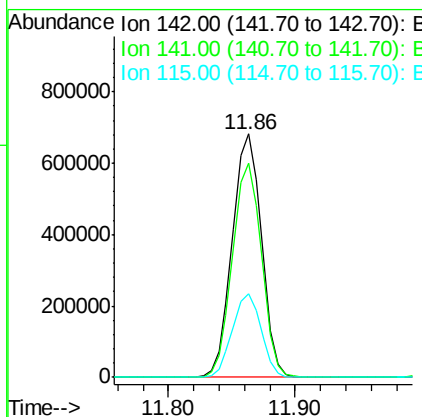
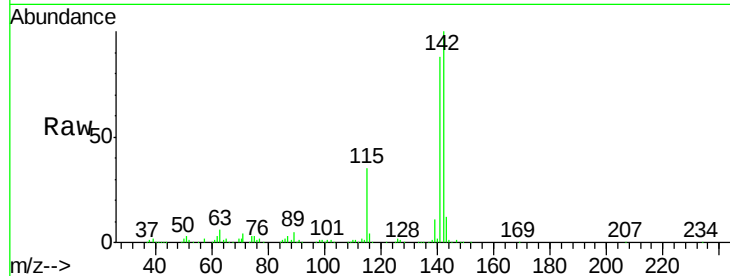
#37
2-Methylnaphthalene
Concen: 45.484 ng
RT: 11.86 min Scan# 1526
Delta R.T. -0.02 min
Lab File: BM024670.D
Acq: 30 Jan 2020 22:07

Instrument :
BNA_M
ClientSampleId :
RAINEY-PARK-BH-04-AMSD

Tot Ion:142 Resp: 1085329
Ion Ratio Lower Upper
142 100
141 88.2 70.2 105.2
115 34.6 29.7 44.5

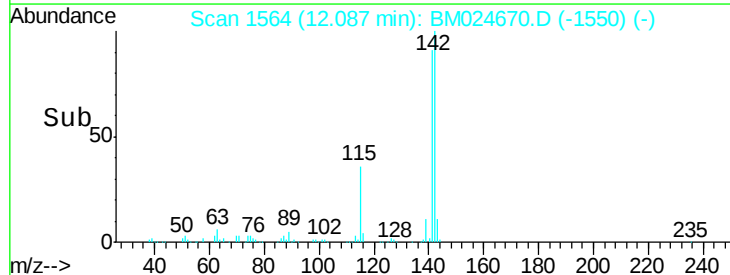
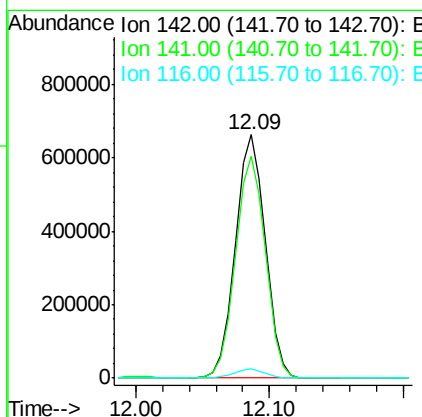
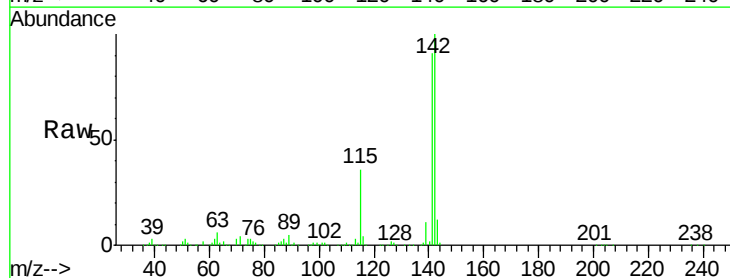
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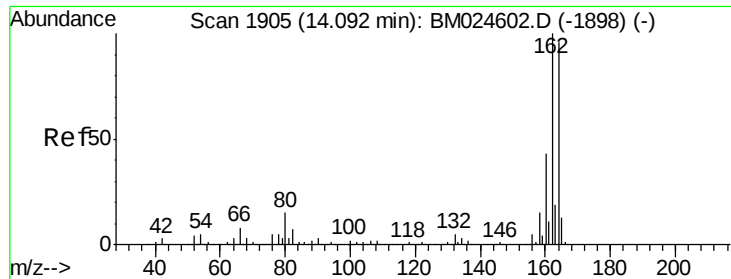
mohammad
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#38
1-Methylnaphthalene
Concen: 45.356 ng
RT: 12.09 min Scan# 1564
Delta R.T. -0.02 min
Lab File: BM024670.D
Acq: 30 Jan 2020 22:07

Tgt Ion:142 Resp: 1029492
Ion Ratio Lower Upper
142 100
141 91.3 72.8 109.2
116 3.8 3.2 4.8





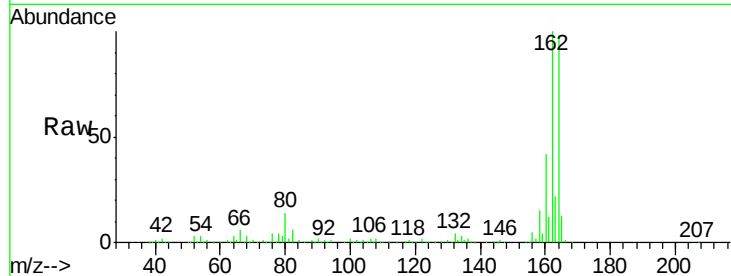
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.08 min Scan# 1903
Delta R.T. -0.01 min
Lab File: BM024670.D
Acq: 30 Jan 2020 22:07

Instrument :
BNA_M
ClientSampleId :
RAINEY-PARK-BH-04-AMSD

Tot Ion	Ratio	Resp	Lower	Upper
164	100			
162	101.5	82.9	124.3	
160	42.8	35.5	53.3	

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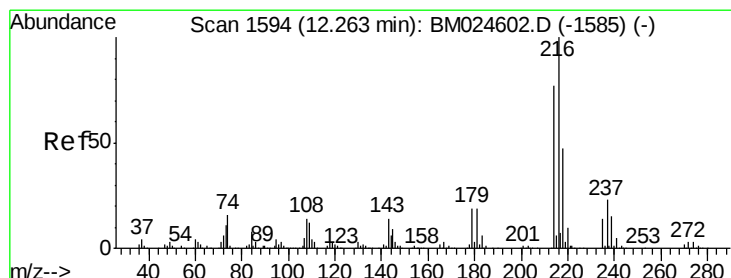
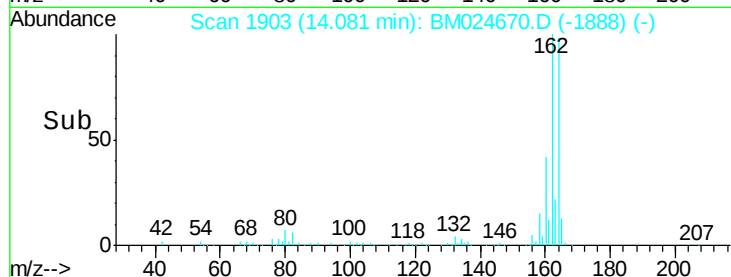
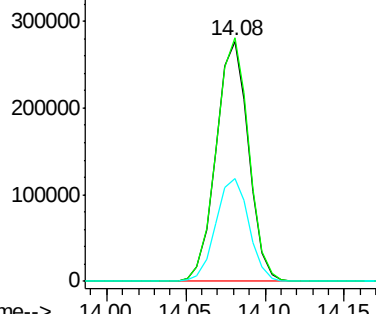


Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40
1,2,4,5-Tetrachlorobenzene
Concen: 48.402 ng
RT: 12.25 min Scan# 1591
Delta R.T. -0.02 min
Lab File: BM024670.D
Acq: 30 Jan 2020 22:07

Tgt Ion	Ratio	Resp	Lower	Upper
216	100			
214	77.8	62.3	93.5	
179	19.8	16.1	24.1	
108	15.5	13.0	19.6	

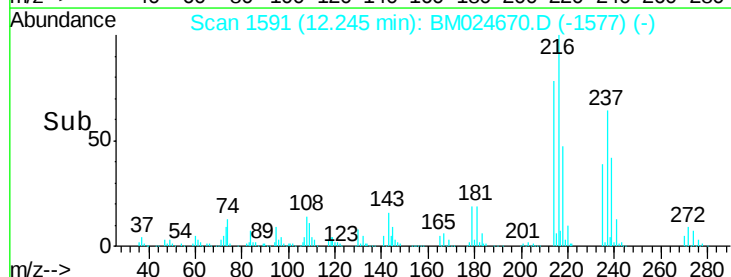
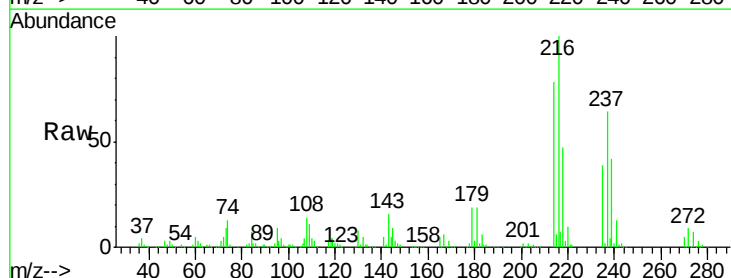
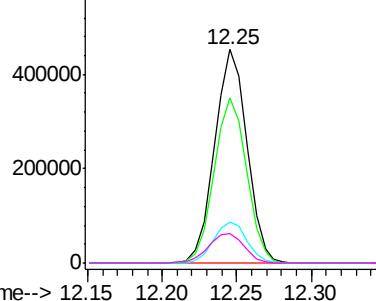
Abundance

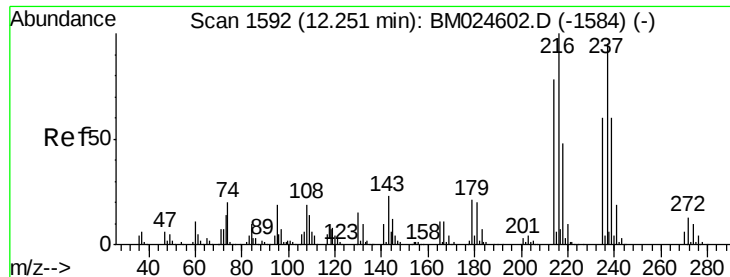
Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 111.076 ng

RT: 12.23 min Scan# 1589

Delta R.T. -0.02 min

Lab File: BM024670.D

Acq: 30 Jan 2020 22:07

Instrument :

BNA_M

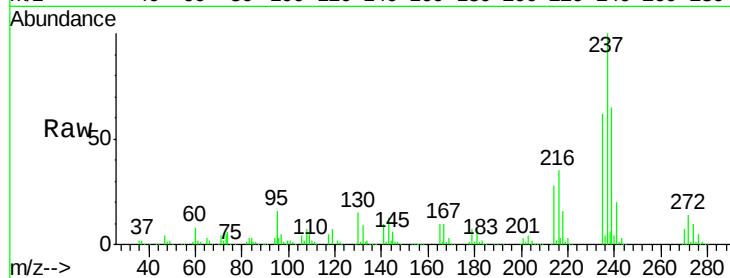
ClientSampleId :

RAINEY-PARK-BH-04-AMSD

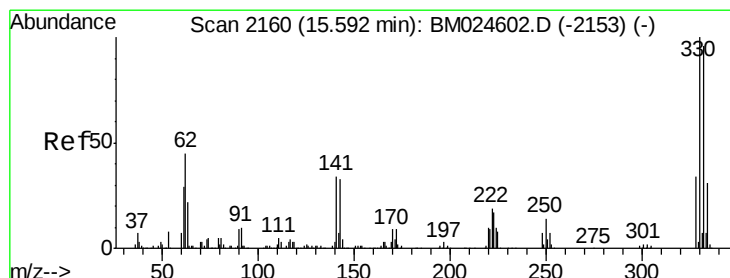
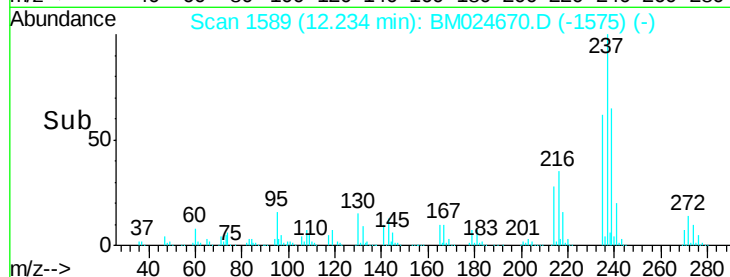
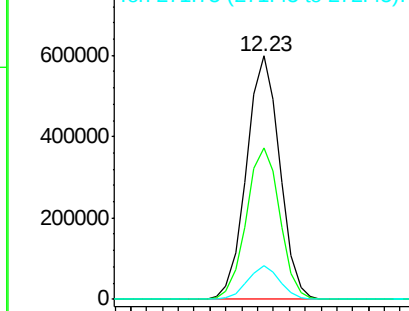
Tot Ion:	237	Resp:	871526
Ion Ratio	Lower	Upper	
237	100		
235	62.4	43.3	83.3
272	13.8	0.0	33.4

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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: 100.650 ng

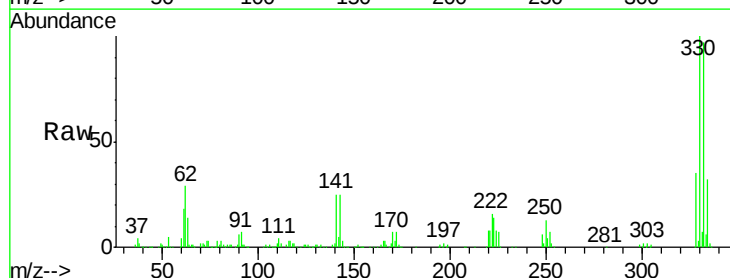
RT: 15.58 min Scan# 2158

Delta R.T. -0.01 min

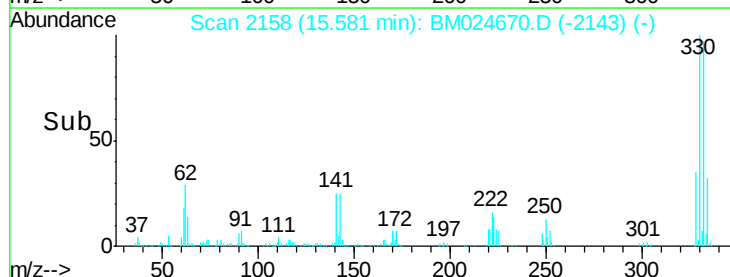
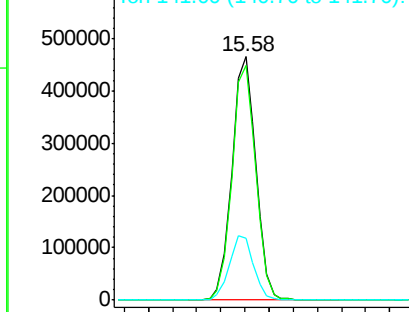
Lab File: BM024670.D

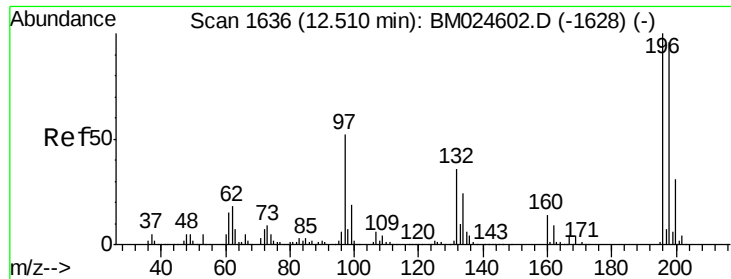
Acq: 30 Jan 2020 22:07

Tgt Ion:	330	Resp:	642146
Ion Ratio	Lower	Upper	
330	100		
332	96.3	77.2	115.8
141	26.7	26.9	40.3#



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





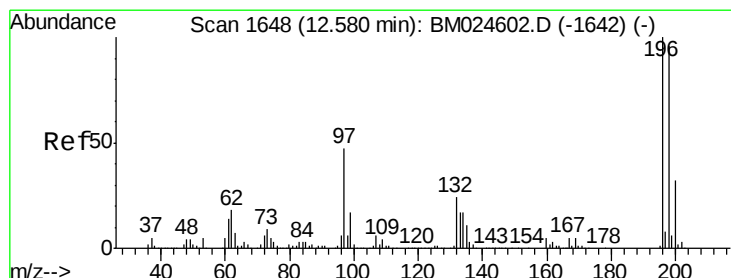
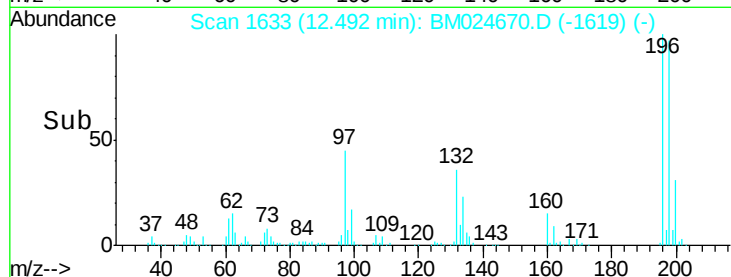
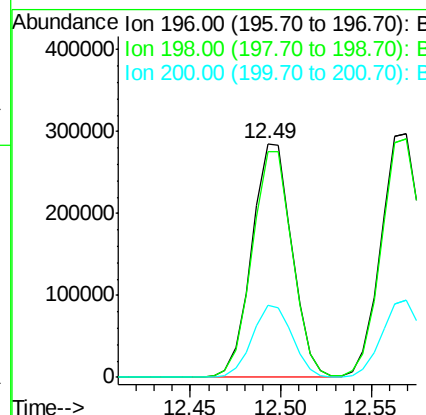
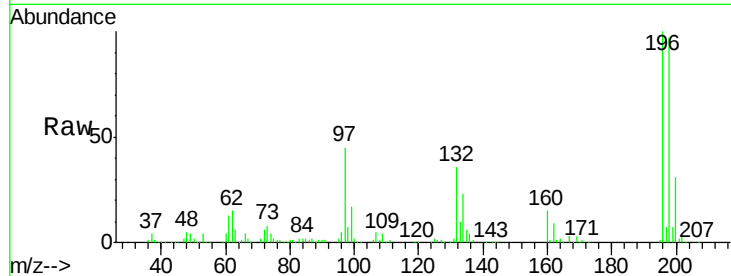
#43
 2,4,6-Trichlorophenol
 Concen: 49.428 ng
 RT: 12.49 min Scan# 1633
 Delta R.T. -0.02 min
 Lab File: BM024670.D
 Acq: 30 Jan 2020 22:07

Instrument :
 BNA_M
 ClientSampleId :
 RAINEY-PARK-BH-04-AMSD

Tot Ion	Ratio	Lower	Upper
196	100		
198	96.9	76.5	114.7
200	31.0	25.0	37.6

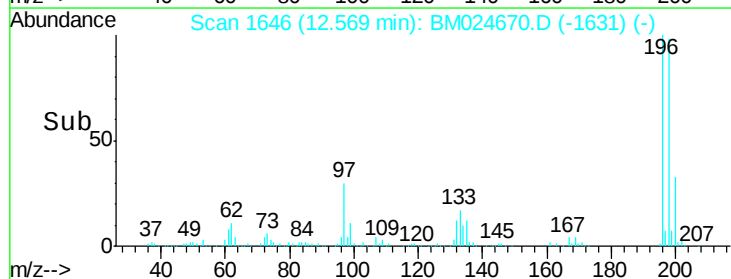
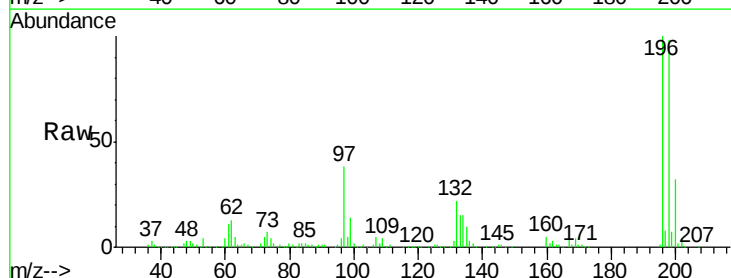
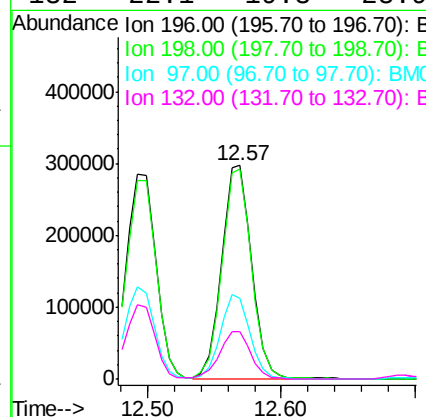
Manual Integrations
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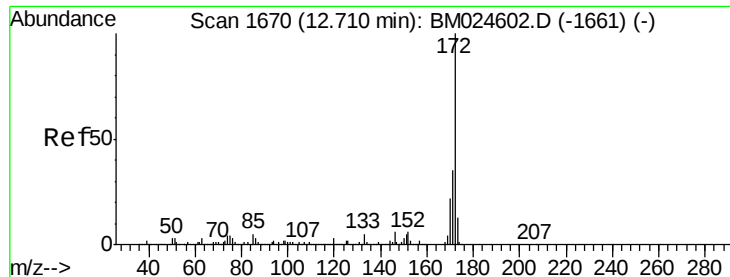
mohammad
 2/3/2020 7:55:41 AM



#44
 2,4,5-Trichlorophenol
 Concen: 51.112 ng
 RT: 12.57 min Scan# 1646
 Delta R.T. -0.01 min
 Lab File: BM024670.D
 Acq: 30 Jan 2020 22:07

Tgt Ion	Ratio	Lower	Upper
196	100		
198	98.0	77.2	115.8
97	37.9	37.4	56.0
132	22.1	19.3	28.9





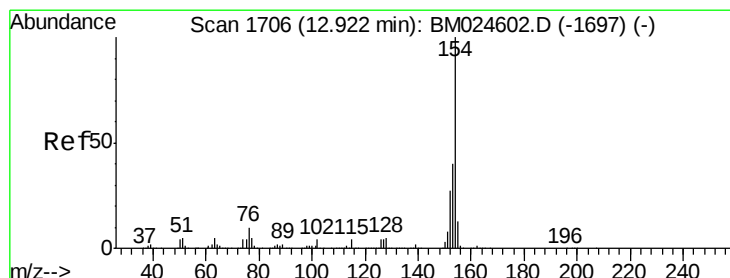
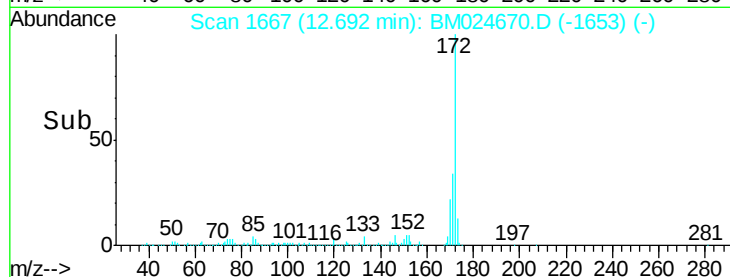
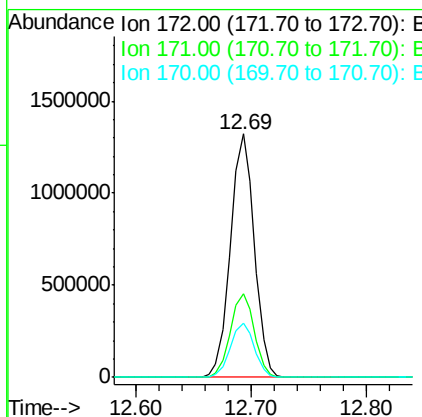
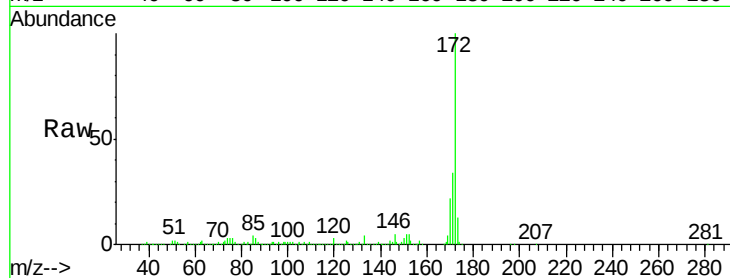
#45
2-Fluorobiphenyl
Concen: 65.355 ng
RT: 12.69 min Scan# 1667
Delta R.T. -0.02 min
Lab File: BM024670.D
Acq: 30 Jan 2020 22:07

Instrument :
BNA_M
ClientSampleId :
RAINEY-PARK-BH-04-AMSD

Tot Ion	Ratio	Lower	Upper
172	100		
171	34.2	28.3	42.5
170	22.1	17.9	26.9

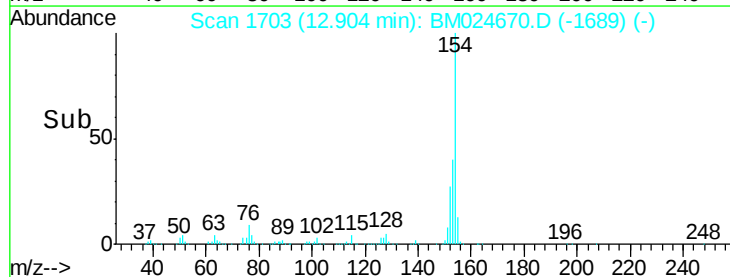
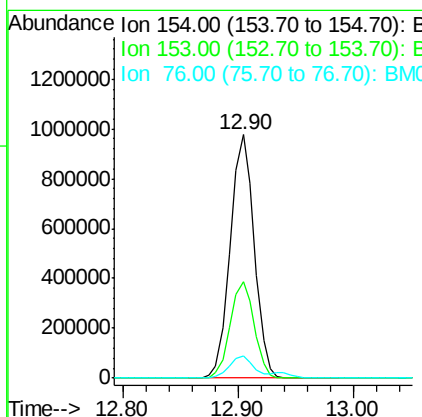
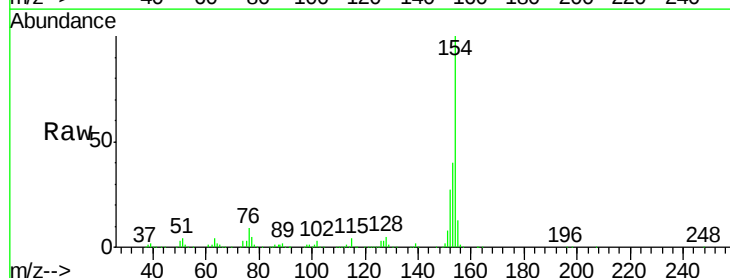
Manual Integrations
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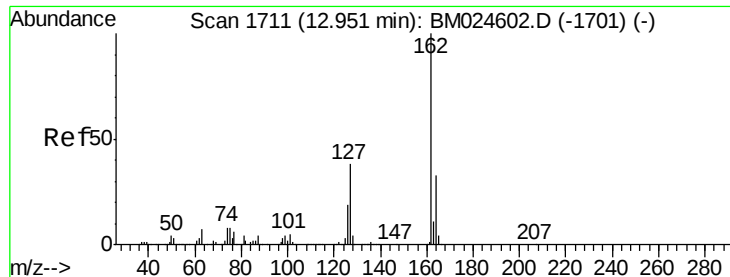
mohammad
2/3/2020 7:55:41 AM



#46
1,1'-Biphenyl
Concen: 47.229 ng
RT: 12.90 min Scan# 1703
Delta R.T. -0.02 min
Lab File: BM024670.D
Acq: 30 Jan 2020 22:07

Tgt Ion	Ratio	Lower	Upper
154	100		
153	39.8	20.3	60.3
76	9.4	0.0	30.5





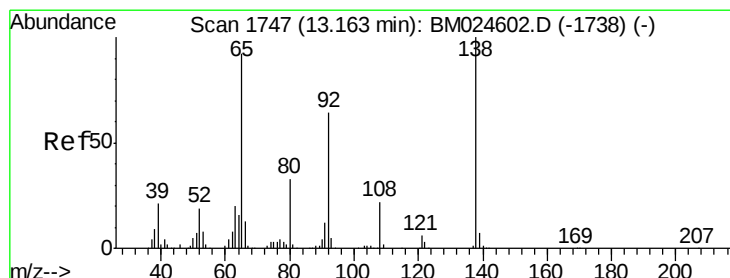
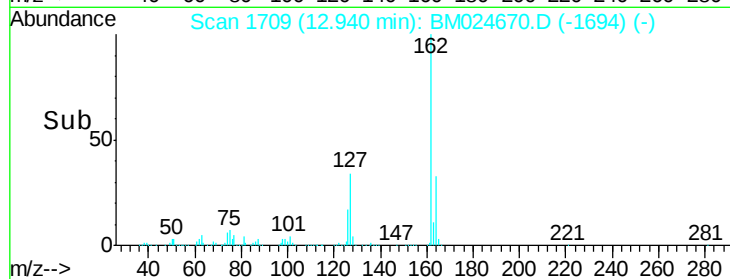
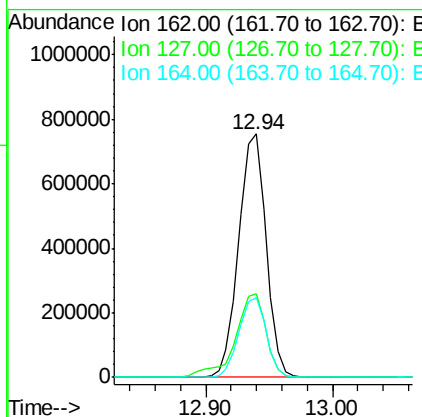
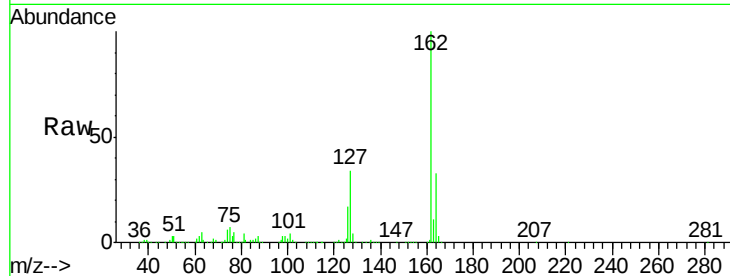
#47
2-Chloronaphthalene
Concen: 47.263 ng
RT: 12.94 min Scan# 1709
Delta R.T. -0.01 min
Lab File: BM024670.D
Acq: 30 Jan 2020 22:07

Instrument :
BNA_M
ClientSampleId :
RAINEY-PARK-BH-04-AMSD

Tot Ion	Ratio	Lower	Upper
162	100		
127	34.2	30.4	45.6
164	32.7	26.5	39.7

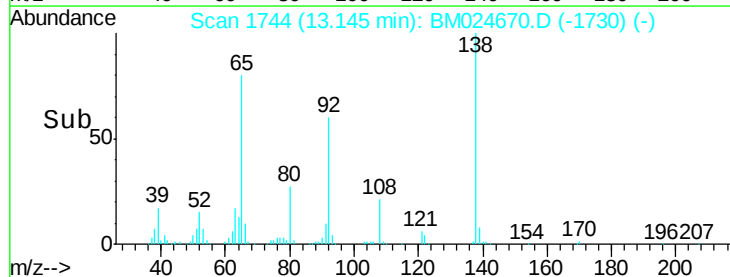
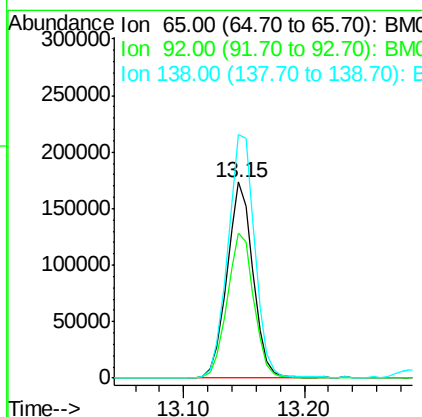
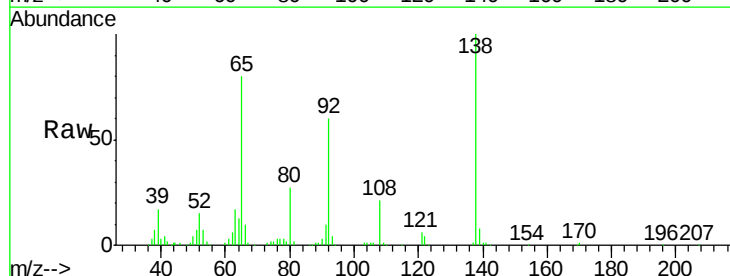
Manual Integrations
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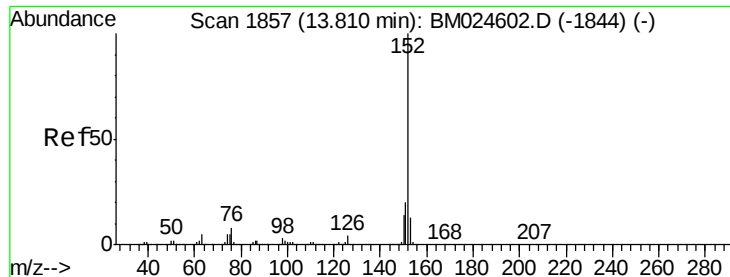
mohammad
2/3/2020 7:55:41 AM



#48
2-Nitroaniline
Concen: 35.635 ng
RT: 13.15 min Scan# 1744
Delta R.T. -0.02 min
Lab File: BM024670.D
Acq: 30 Jan 2020 22:07

Tgt Ion	Ratio	Lower	Upper
65	100		
92	74.1	55.4	83.2
138	124.3	86.6	129.8





#49

Acenaphthylene

Concen: 48.782 ng

RT: 13.79 min Scan# 1854

Delta R.T. -0.02 min

Lab File: BM024670.D

Acq: 30 Jan 2020 22:07

Instrument :

BNA_M

ClientSampleId :

RAINEY-PARK-BH-04-AMSD

Tot Ion:152 Resp: 1749913

Ion Ratio Lower Upper

152 100

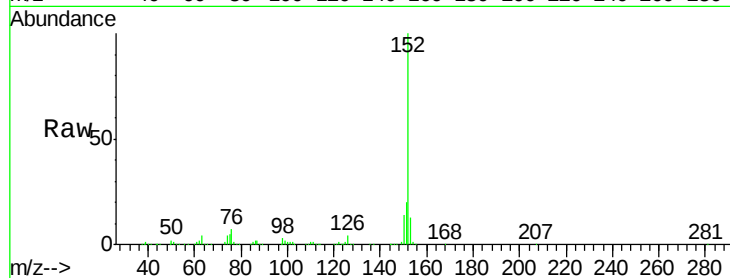
151 19.7 15.8 23.6

153 12.9 10.4 15.6

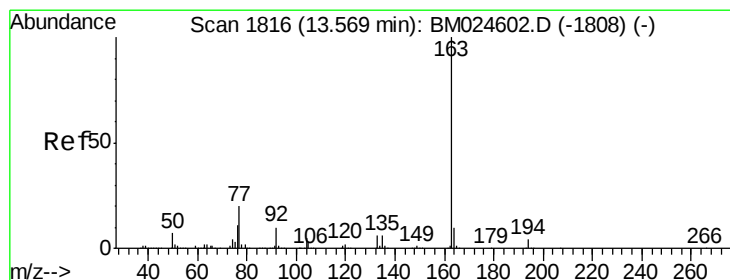
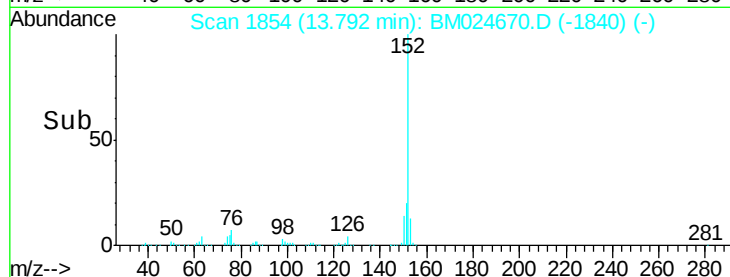
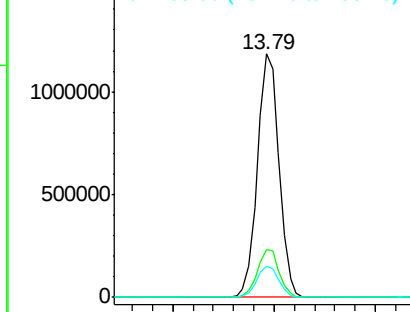
Manual Integrations
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2/3/2020 7:55:41 AM



Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 46.009 ng

RT: 13.55 min Scan# 1813

Delta R.T. -0.02 min

Lab File: BM024670.D

Acq: 30 Jan 2020 22:07

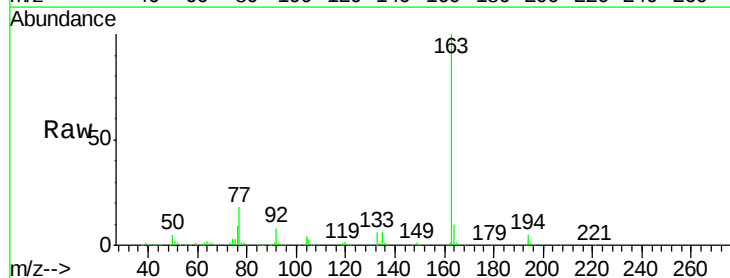
Tgt Ion:163 Resp: 1459207

Ion Ratio Lower Upper

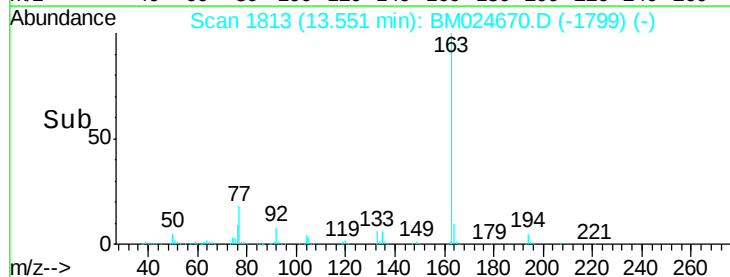
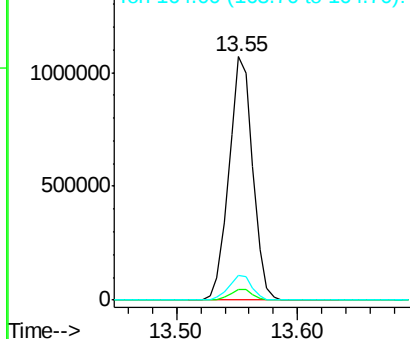
163 100

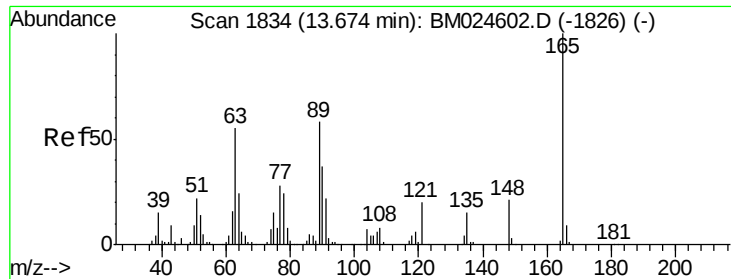
194 4.5 3.4 5.0

164 10.3 8.0 12.0



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 46.536 ng

RT: 13.66 min Scan# 1832

Delta R.T. -0.01 min

Lab File: BM024670.D

Acq: 30 Jan 2020 22:07

Instrument :

BNA_M

ClientSampleId :

RAINEY-PARK-BH-04-AMSD

Tot Ion:165 Resp: 313793
Ion Ratio Lower Upper

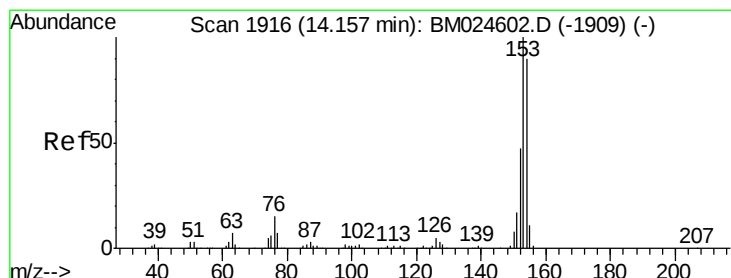
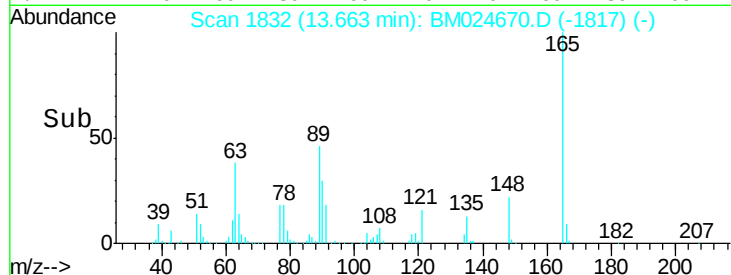
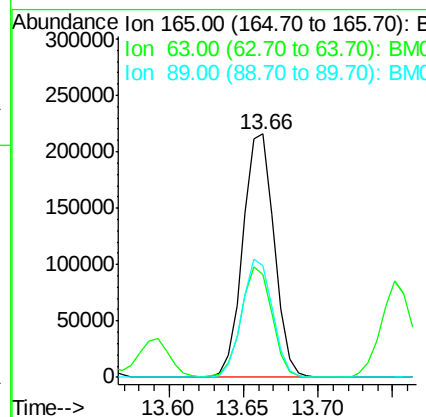
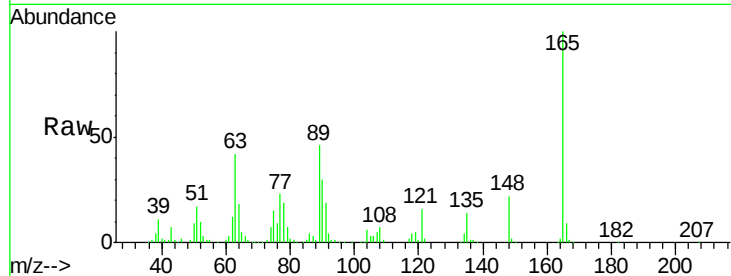
165 100

63 42.4 45.4 68.0#

89 45.7 46.6 69.8#

Manual Integrations
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mohammad
2/3/2020 7:55:41 AM



#52

Acenaphthene

Concen: 46.561 ng

RT: 14.15 min Scan# 1914

Delta R.T. -0.01 min

Lab File: BM024670.D

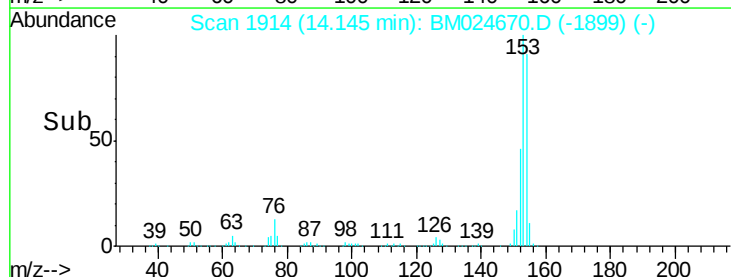
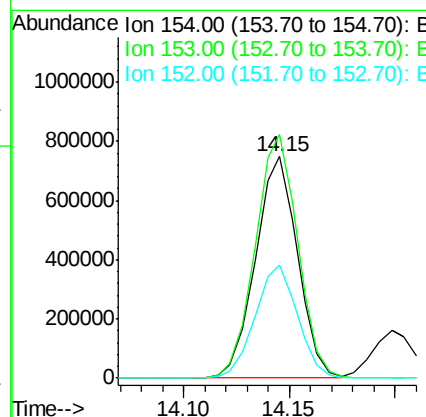
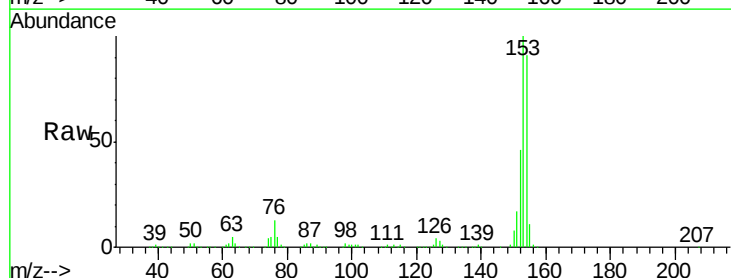
Acq: 30 Jan 2020 22:07

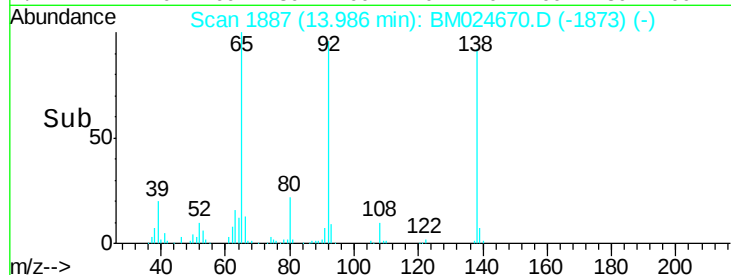
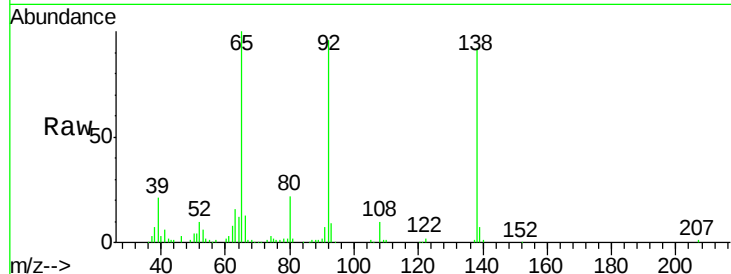
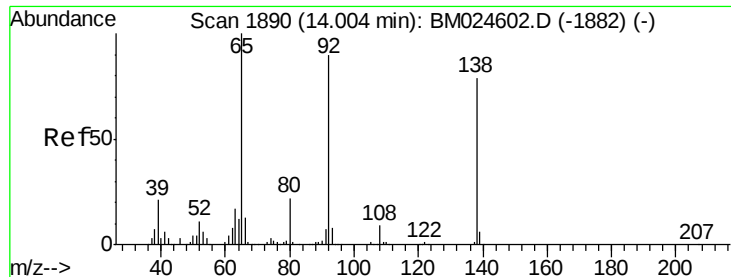
Tgt Ion:154 Resp: 1036434
Ion Ratio Lower Upper

154 100

153 109.9 89.1 133.7

152 50.8 41.9 62.9





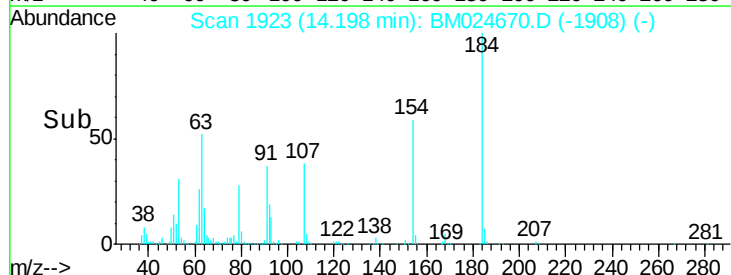
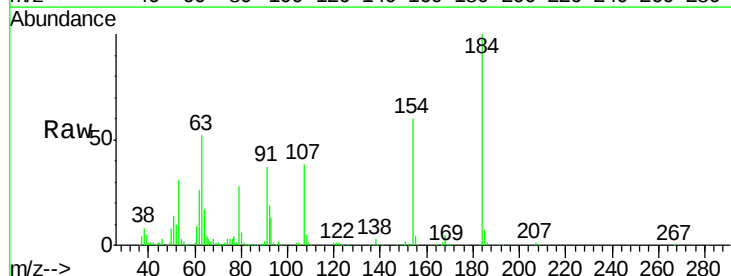
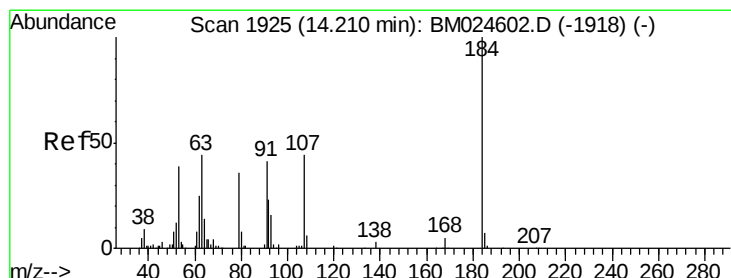
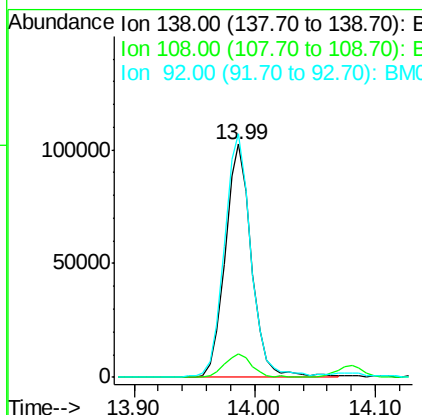
#53
3-Nitroaniline
Concen: 22.119 ng
RT: 13.99 min Scan# 1887
Delta R.T. -0.02 min
Lab File: BM024670.D
Acq: 30 Jan 2020 22:07

Instrument :
BNA_M
ClientSampleId :
RAINEY-PARK-BH-04-AMSD

Tot Ion	Ratio	Resp	Lower	Upper
138	100	154695		
108	10.3	8.7	13.1	
92	104.5	91.0	136.4	

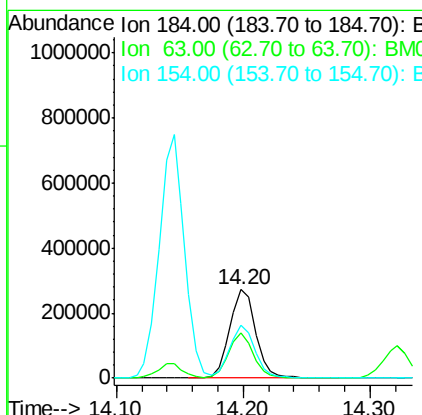
Manual Integrations
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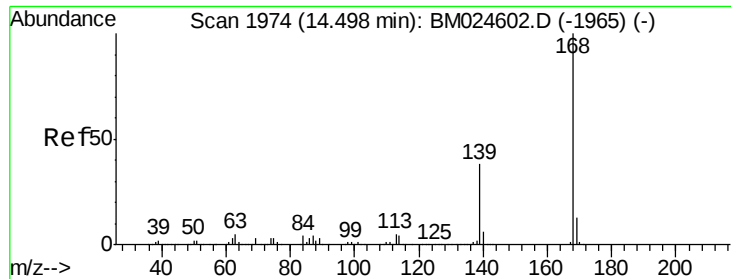
mohammad
2/3/2020 7:55:41 AM



#54
2,4-Dinitrophenol
Concen: 96.445 ng
RT: 14.20 min Scan# 1923
Delta R.T. -0.01 min
Lab File: BM024670.D
Acq: 30 Jan 2020 22:07

Tgt Ion	Ratio	Resp	Lower	Upper
184	100	388893		
63	51.6	51.8	77.8#	
154	59.5	50.2	75.4	





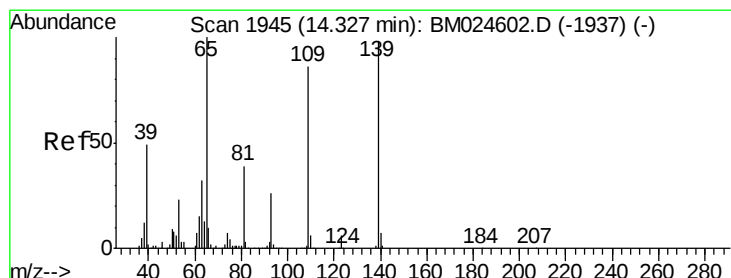
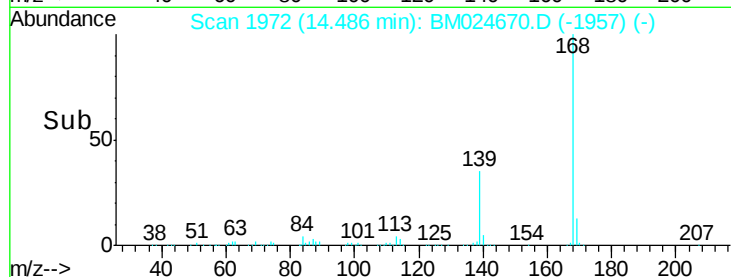
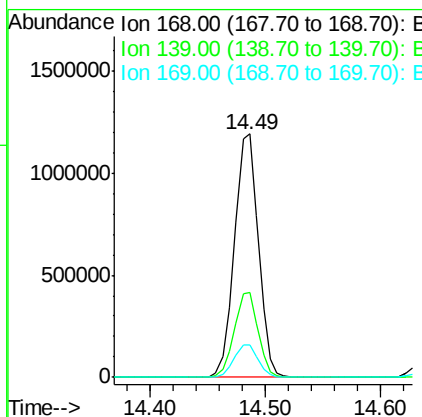
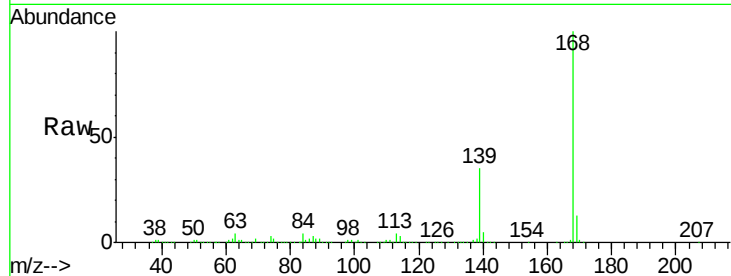
#55
Dibenzofuran
Concen: 47.141 ng
RT: 14.49 min Scan# 1972
Delta R.T. -0.01 min
Lab File: BM024670.D
Acq: 30 Jan 2020 22:07

Instrument :
BNA_M
ClientSampleId :
RAINEY-PARK-BH-04-AMSD

Tot Ion	Ratio	Lower	Upper
168	100		
139	34.8	30.2	45.4
169	13.3	10.7	16.1

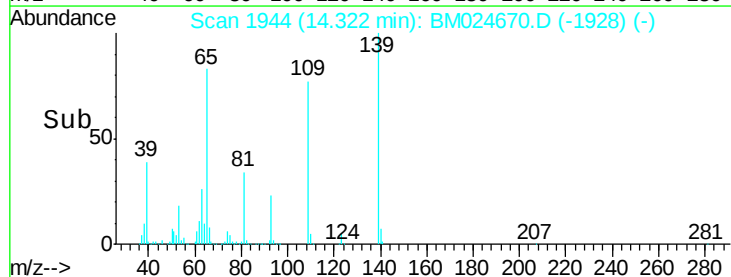
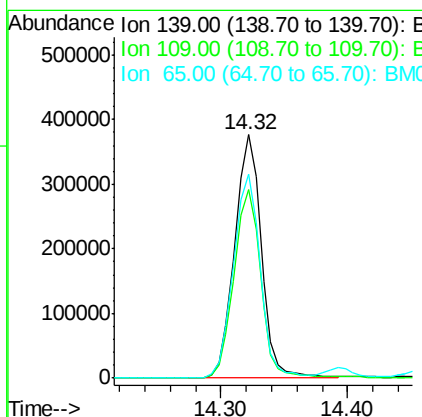
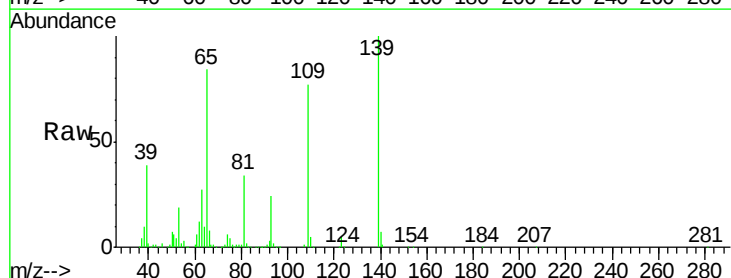
Manual Integrations
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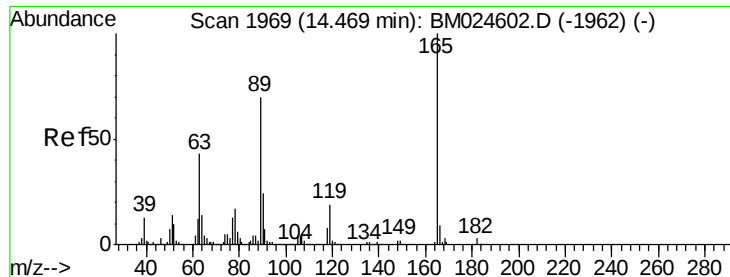
mohammad
2/3/2020 7:55:41 AM



#56
4-Nitrophenol
Concen: 100.921 ng
RT: 14.32 min Scan# 1944
Delta R.T. -0.01 min
Lab File: BM024670.D
Acq: 30 Jan 2020 22:07

Tgt Ion	Ratio	Lower	Upper
139	100		
109	77.3	67.4	107.4
65	83.5	82.1	122.1





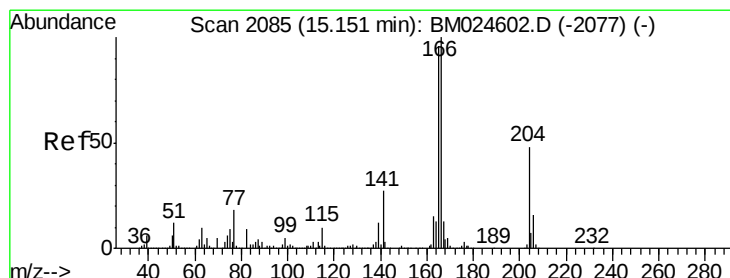
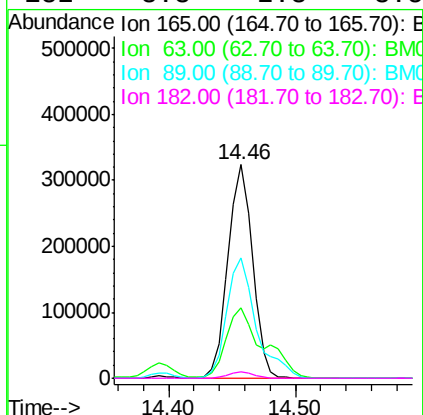
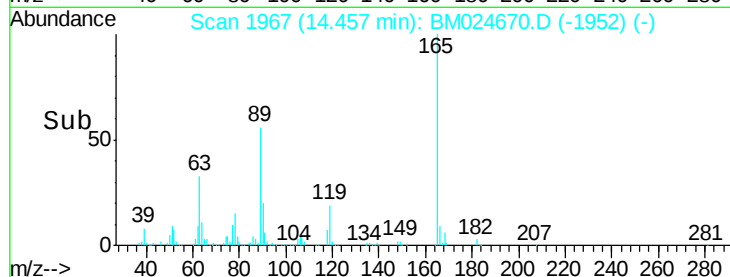
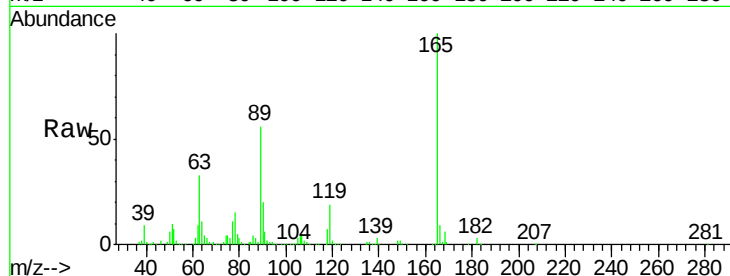
#57
2,4-Dinitrotoluene
Concen: 44.939 ng
RT: 14.46 min Scan# 1967
Delta R.T. -0.01 min
Lab File: BM024670.D
Acq: 30 Jan 2020 22:07

Instrument :
BNA_M
ClientSampleId :
RAINEY-PARK-BH-04-AMSD

Tot Ion	Ratio	Resp	Lower	Upper
165	100	434288		
63	33.3		34.5	51.7#
89	56.3		55.8	83.8
182	3.3		2.3	3.5

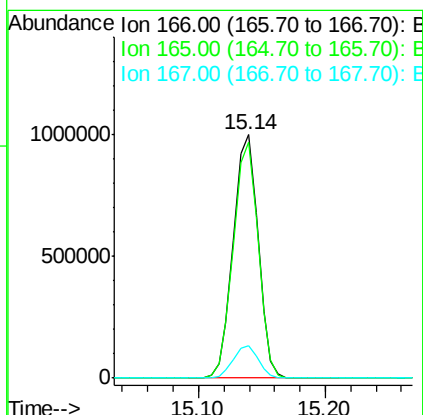
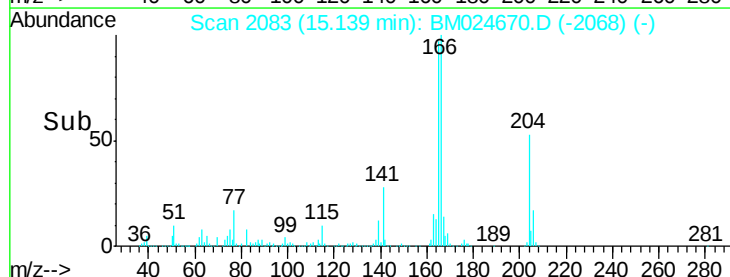
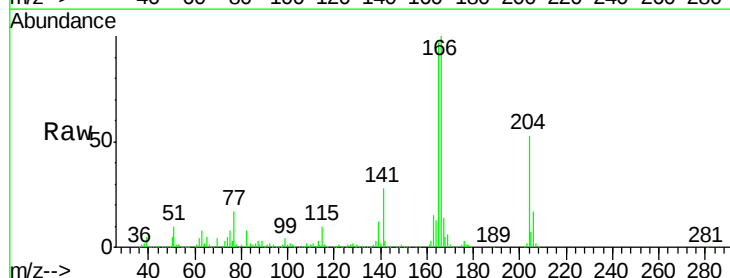
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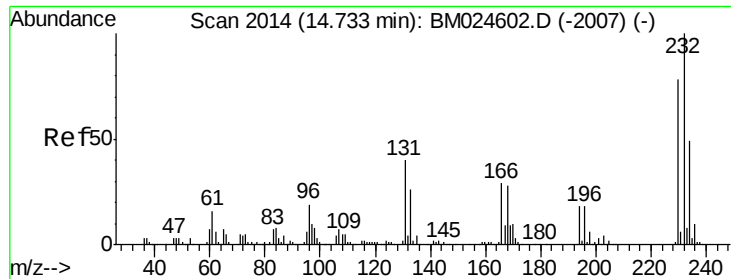
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#58
Fluorene
Concen: 44.465 ng
RT: 15.14 min Scan# 2083
Delta R.T. -0.01 min
Lab File: BM024670.D
Acq: 30 Jan 2020 22:07

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	1356531		
165	96.9		76.6	114.8
167	13.5		10.8	16.2





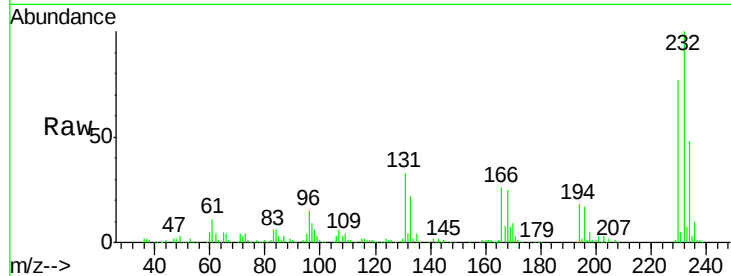
#59
2,3,4,6-Tetrachlorophenol
Concen: 48.946 ng
RT: 14.72 min Scan# 2012
Delta R.T. -0.01 min
Lab File: BM024670.D
Acq: 30 Jan 2020 22:07

Instrument :
BNA_M
ClientSampleId :
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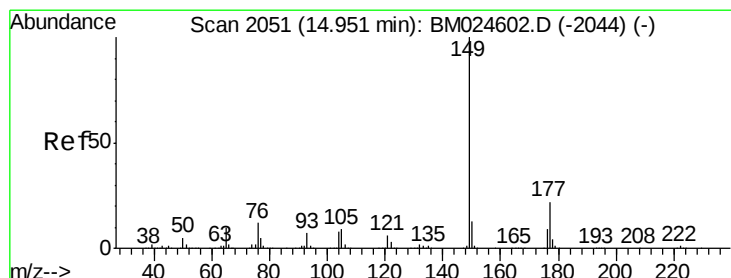
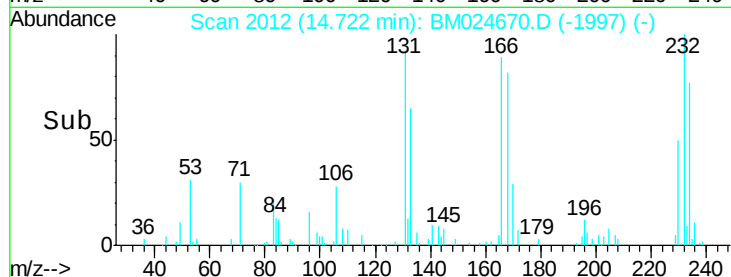
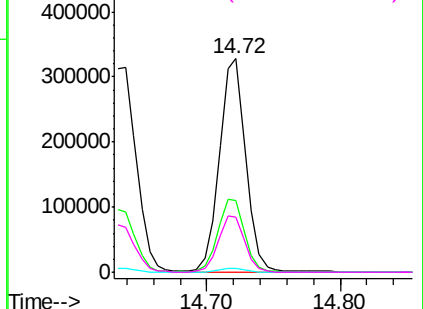
Tot Ion	Ratio	Resp	Lower	Upper
232	100	451558		
131	34.9	32.2	48.4	
130	1.9	1.9	2.9	
166	27.2	23.4	35.0	

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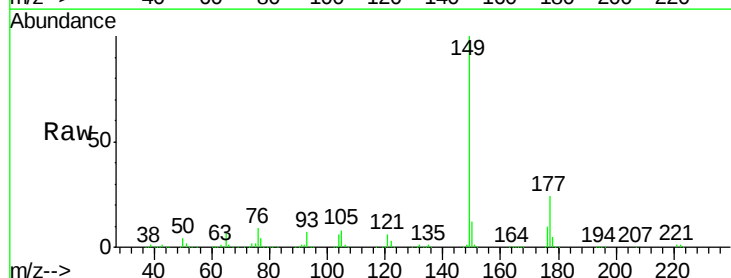


Abundance Ion 232.00 (231.70 to 232.70): E
Ion 131.00 (130.70 to 131.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 166.00 (165.70 to 166.70): E

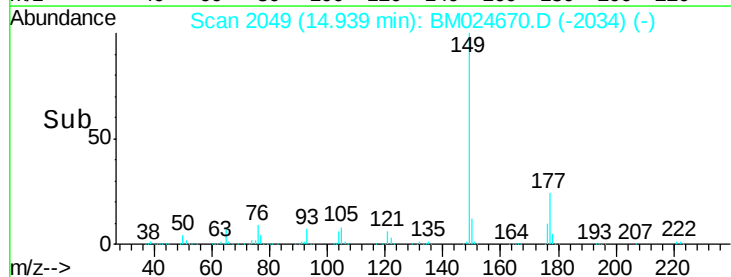
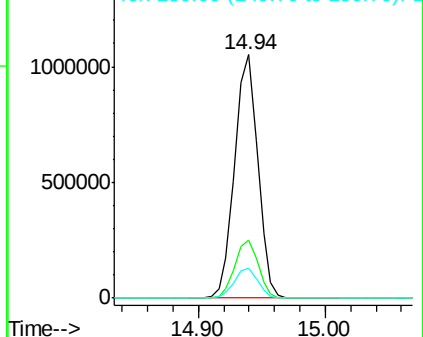


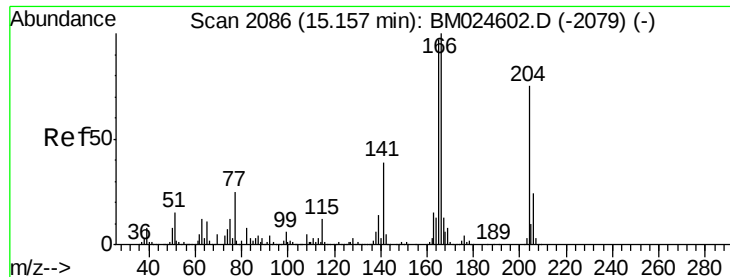
#60
Diethylphthalate
Concen: 41.184 ng
RT: 14.94 min Scan# 2049
Delta R.T. -0.01 min
Lab File: BM024670.D
Acq: 30 Jan 2020 22:07

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	1326063		
177	23.7	18.0	27.0	
150	12.3	10.2	15.4	



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E





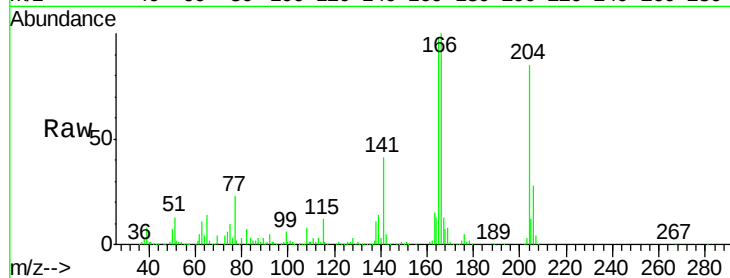
#61
4-Chlorophenyl-phenylether
Concen: 44.009 ng
RT: 15.15 min Scan# 2084
Delta R.T. -0.01 min
Lab File: BM024670.D
Acq: 30 Jan 2020 22:07

Instrument :
BNA_M
ClientSampleId :
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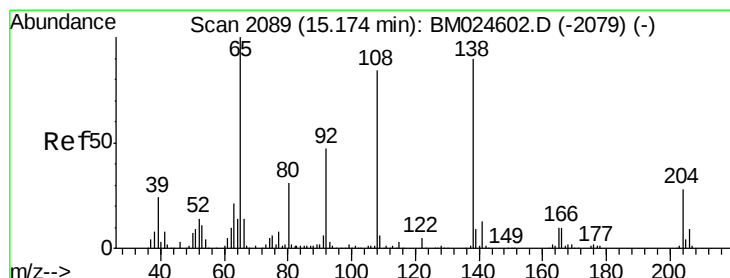
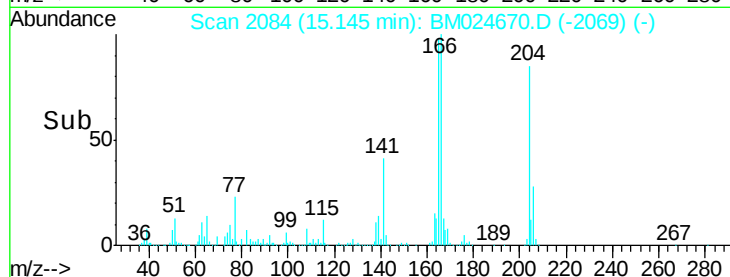
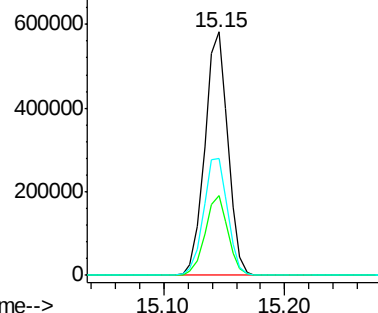
Tot Ion	Ratio	Lower	Upper
204	100		
206	32.6	26.2	39.2
141	47.9	42.2	63.2

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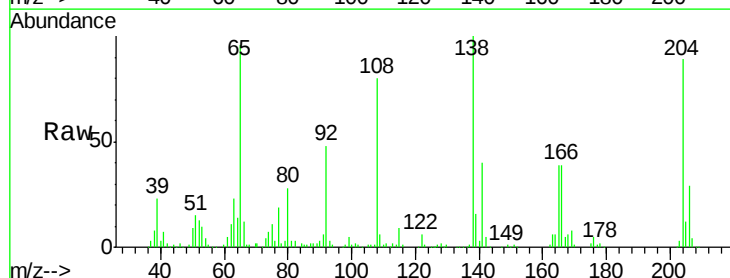


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

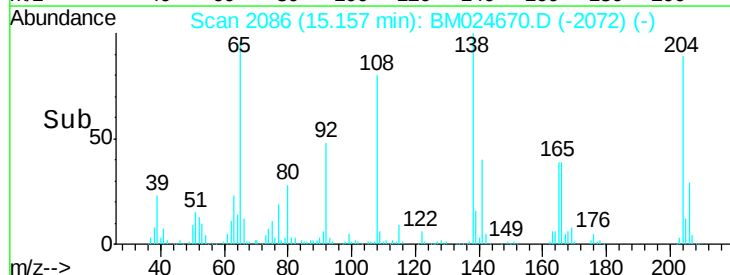
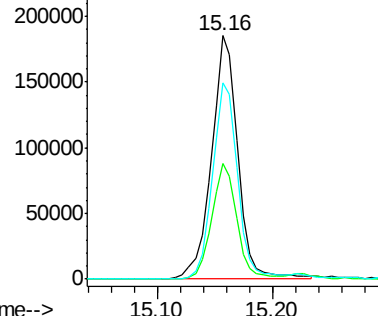


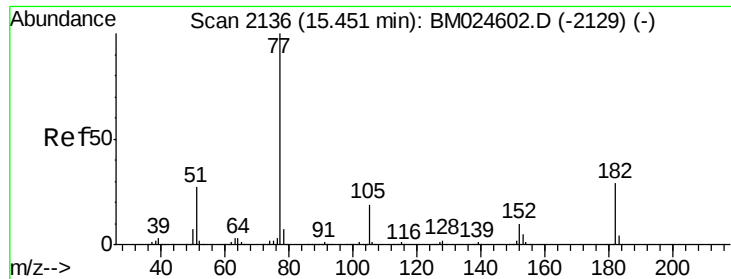
#62
4-Nitroaniline
Concen: 37.963 ng
RT: 15.16 min Scan# 2086
Delta R.T. -0.02 min
Lab File: BM024670.D
Acq: 30 Jan 2020 22:07

Tgt Ion	Ratio	Lower	Upper
138	100		
92	47.5	32.4	72.4
108	80.5	73.3	113.3



Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BM
Ion 108.00 (107.70 to 108.70): E





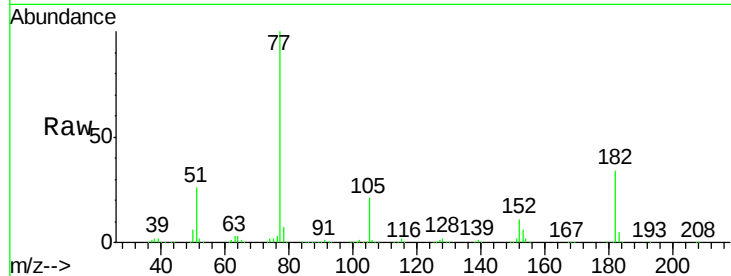
#63
Azobenzene
Concen: 37.464 ng
RT: 15.43 min Scan# 2133
Delta R.T. -0.02 min
Lab File: BM024670.D
Acq: 30 Jan 2020 22:07

Instrument :
BNA_M
ClientSampleId :
RAINEY-PARK-BH-04-AMSD

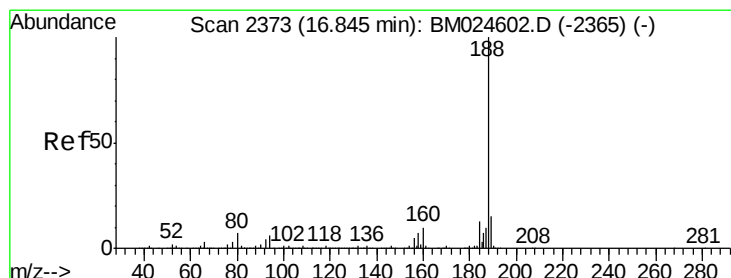
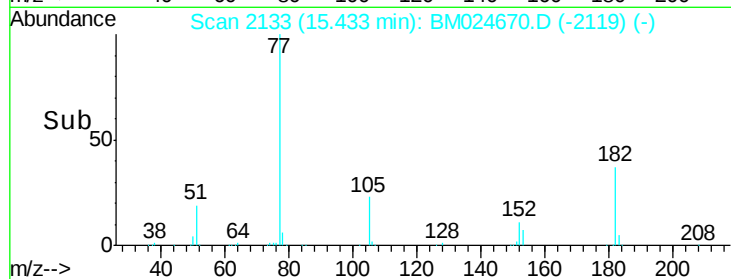
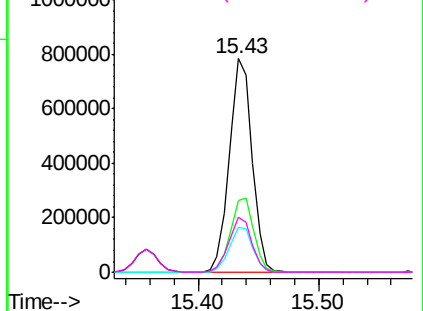
Tot Ion	Ion	Ratio	Lower	Upper
77	100			
182	33.8	8.7	48.7	
105	21.1	0.0	39.2	
51	25.9	7.5	47.5	

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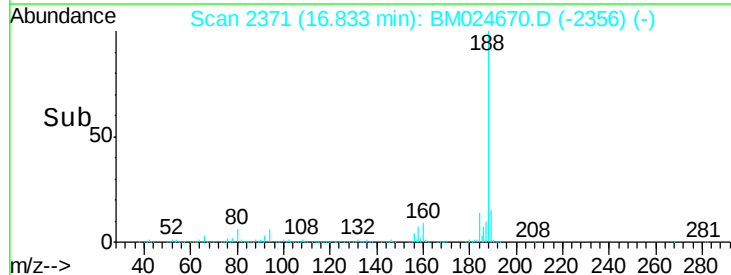
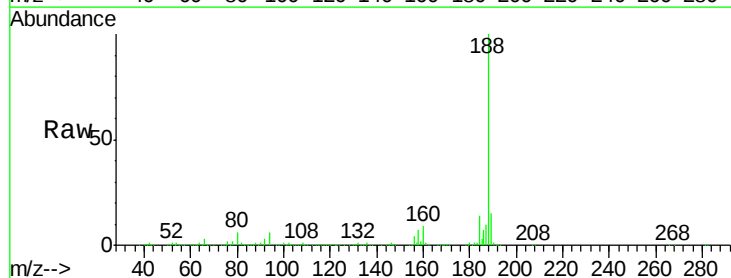
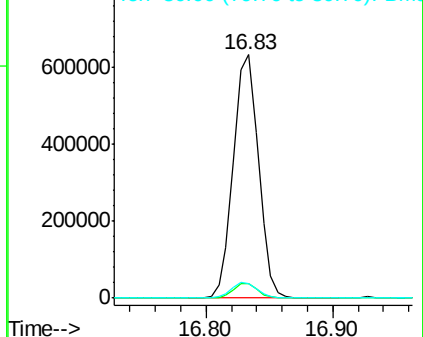
Abundance Ion 77.00 (76.70 to 77.70): BM024670.D (-2119) (-)
Ion 182.00 (181.70 to 182.70): BM024670.D (-2119) (-)
Ion 105.00 (104.70 to 105.70): BM024670.D (-2119) (-)
Ion 51.00 (50.70 to 51.70): BM024670.D (-2119) (-)

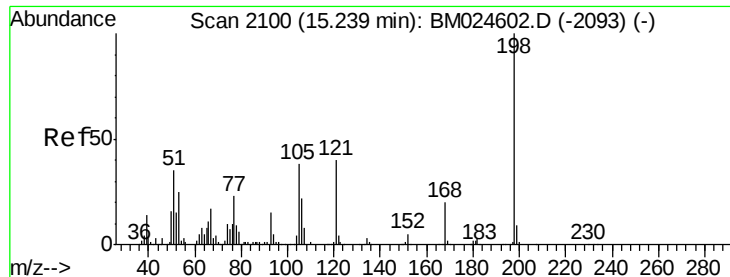


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.83 min Scan# 2371
Delta R.T. -0.01 min
Lab File: BM024670.D
Acq: 30 Jan 2020 22:07

Tgt Ion	Ion	Ratio	Lower	Upper
188	100			
94	5.9	5.0	7.6	
80	6.0	5.8	8.8	

Abundance Ion 188.00 (187.70 to 188.70): BM024670.D (-2356) (-)
Ion 94.00 (93.70 to 94.70): BM024670.D (-2356) (-)
Ion 80.00 (79.70 to 80.70): BM024670.D (-2356) (-)





#65

4,6-Dinitro-2-methylphenol

Concen: 53.459 ng

RT: 15.23 min Scan# 2098

Delta R.T. -0.01 min

Lab File: BM024670.D

Acq: 30 Jan 2020 22:07

Instrument :

BNA_M

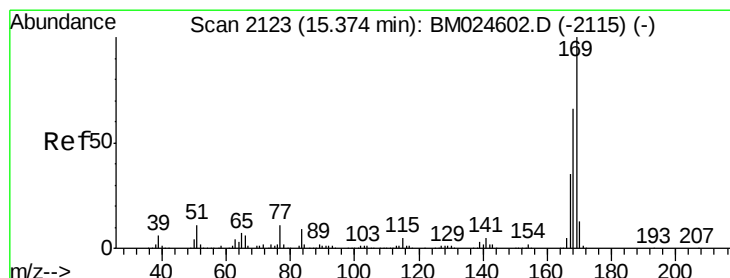
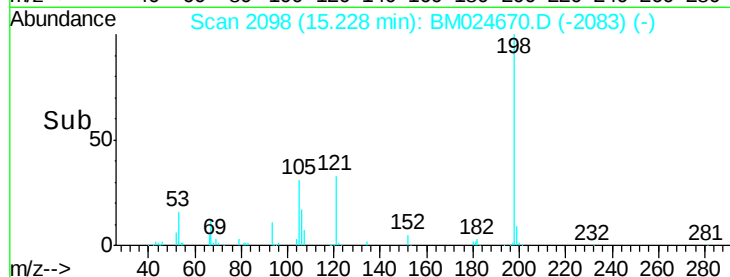
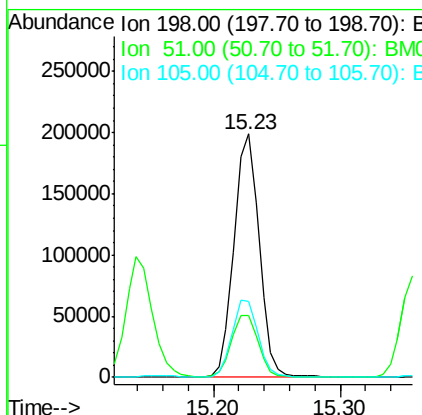
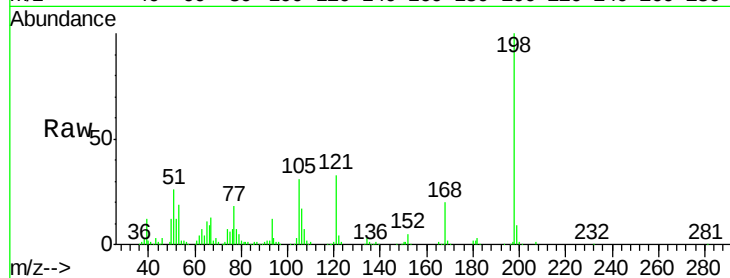
ClientSampleId :

RAINEY-PARK-BH-04-AMSD

Tot Ion	Ratio	Resp	Lower	Upper
198	100	273664		
51	25.7		15.8	55.8
105	31.0		18.5	58.5

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#66

n-Nitrosodiphenylamine

Concen: 48.623 ng

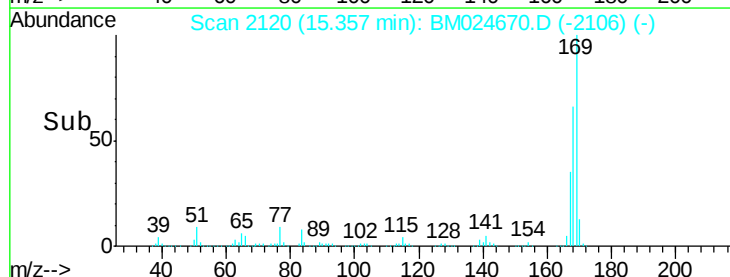
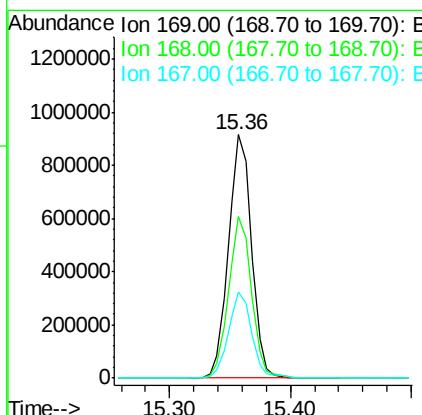
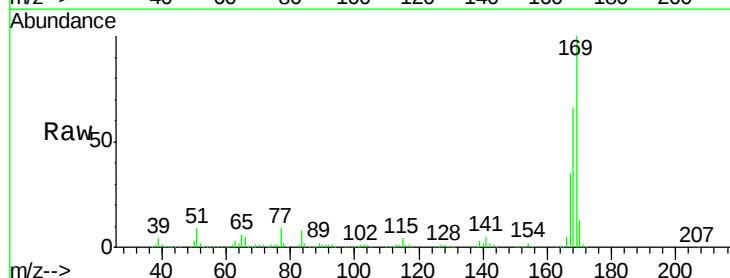
RT: 15.36 min Scan# 2120

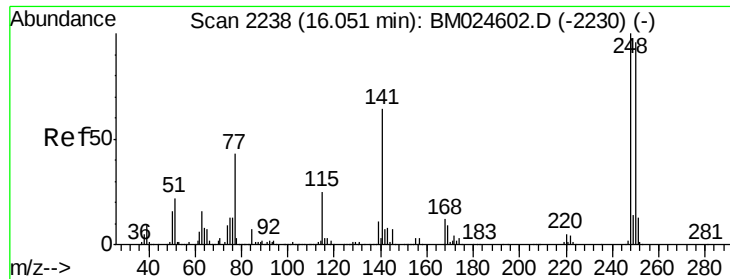
Delta R.T. -0.02 min

Lab File: BM024670.D

Acq: 30 Jan 2020 22:07

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	1216017		
168	66.4		52.8	79.2
167	35.3		28.2	42.2





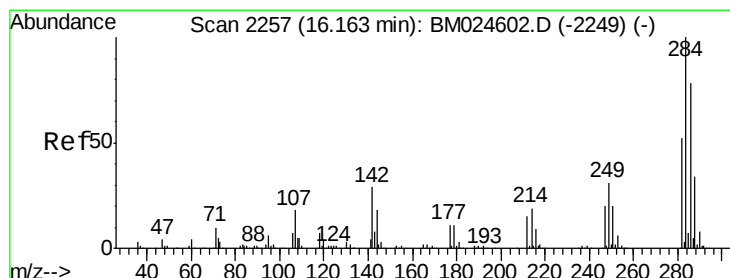
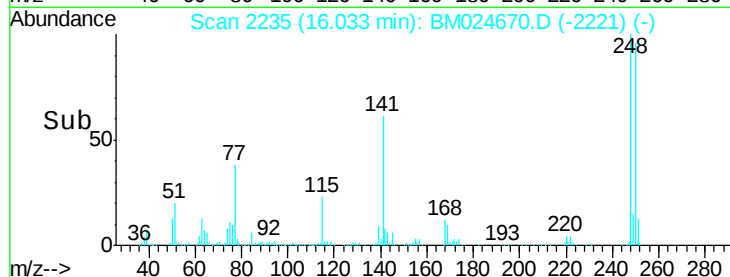
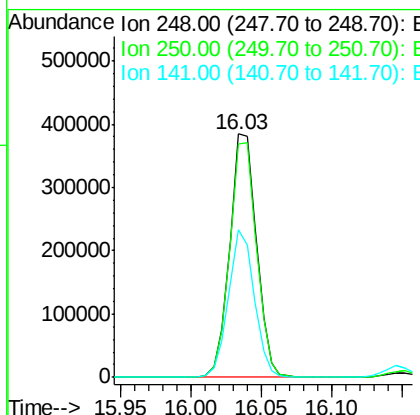
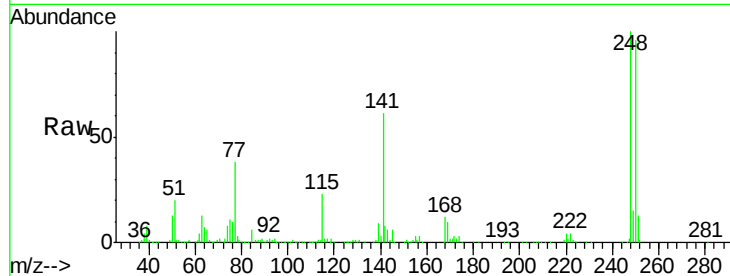
#67
 4-Bromophenyl-phenylether
 Concen: 47.012 ng
 RT: 16.03 min Scan# 2235
 Delta R.T. -0.02 min
 Lab File: BM024670.D
 Acq: 30 Jan 2020 22:07

Instrument :
 BNA_M
 ClientSampleId :
 RAINEY-PARK-BH-04-AMSD

Tot Ion	Ratio	Lower	Upper
248	100		
250	95.8	77.0	115.6
141	60.8	50.9	76.3

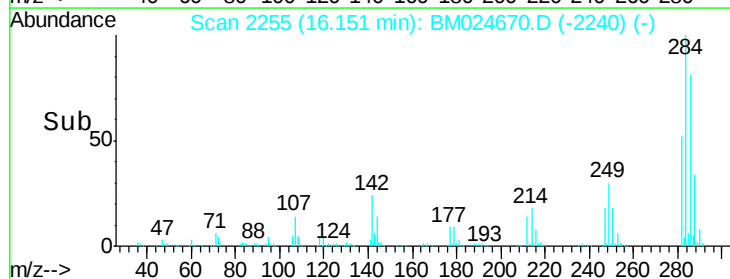
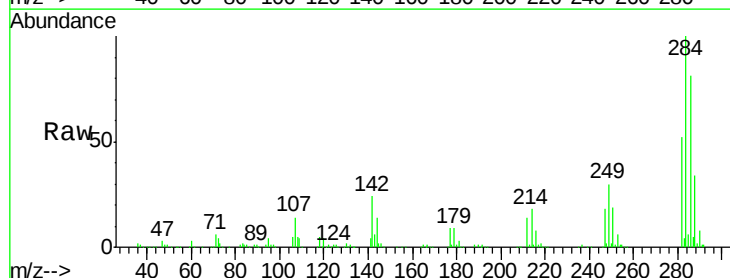
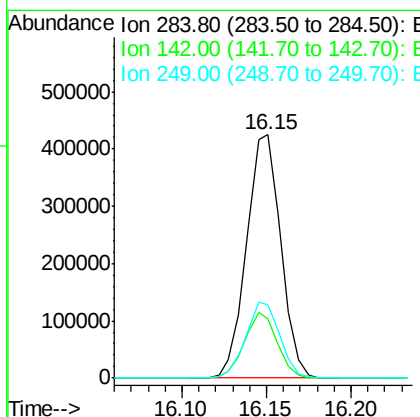
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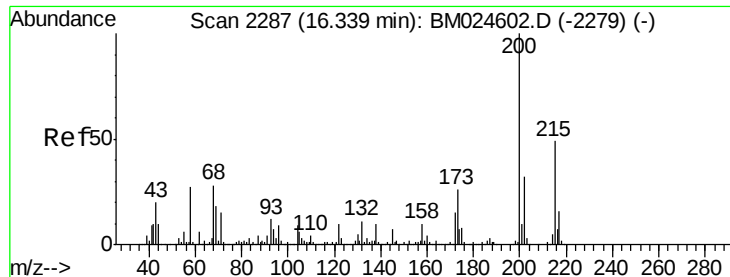
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#68
 Hexachlorobenzene
 Concen: 48.343 ng
 RT: 16.15 min Scan# 2255
 Delta R.T. -0.01 min
 Lab File: BM024670.D
 Acq: 30 Jan 2020 22:07

Tgt Ion	Ratio	Lower	Upper
284	100		
142	24.2	23.5	35.3
249	30.2	24.6	36.8





#69

Atrazine

Concen: 50.582 ng

RT: 16.33 min Scan# 2285

Delta R.T. -0.01 min

Lab File: BM024670.D

Acq: 30 Jan 2020 22:07

Instrument :

BNA_M

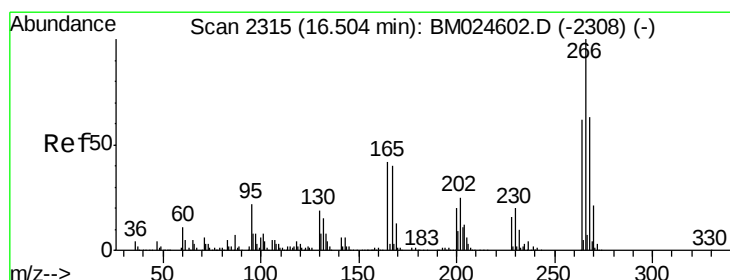
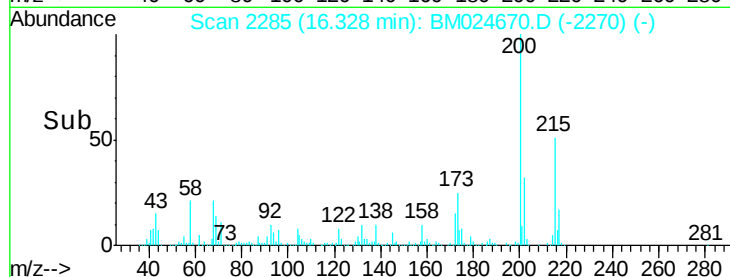
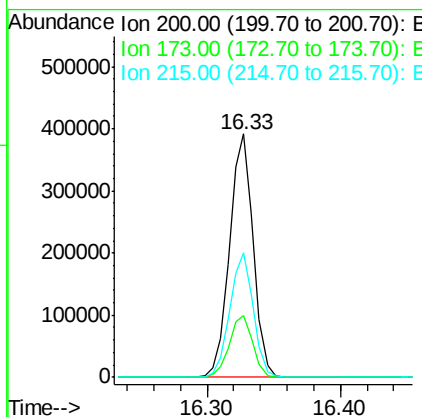
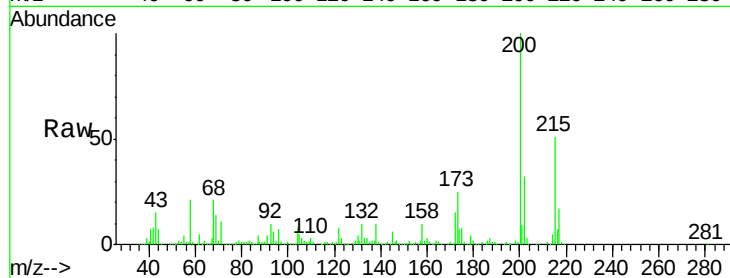
ClientSampleId :

RAINEY-PARK-BH-04-AMSD

Tot Ion:	200	Resp:	485569
Ion Ratio	Lower	Upper	
200	100		
173	25.4	5.5	45.5
215	51.0	29.4	69.4

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#70

Pentachlorophenol

Concen: 103.096 ng

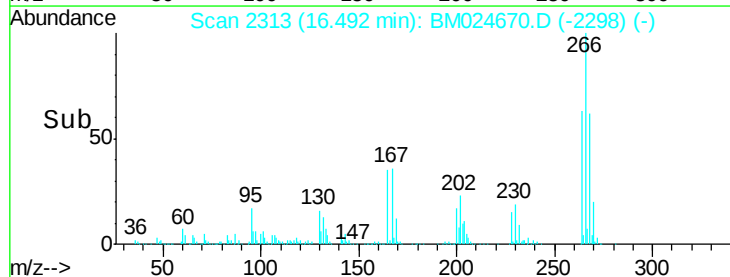
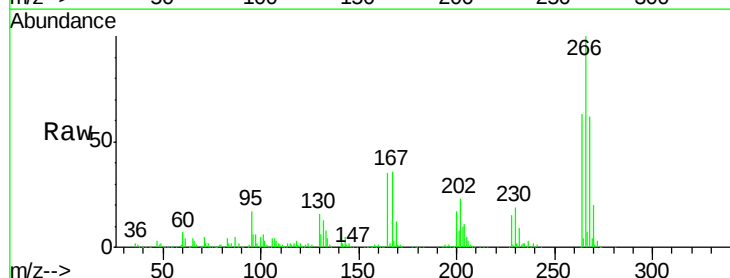
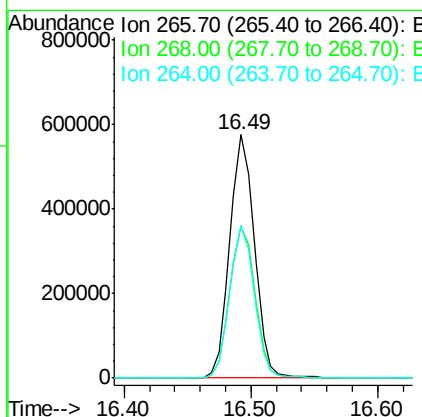
RT: 16.49 min Scan# 2313

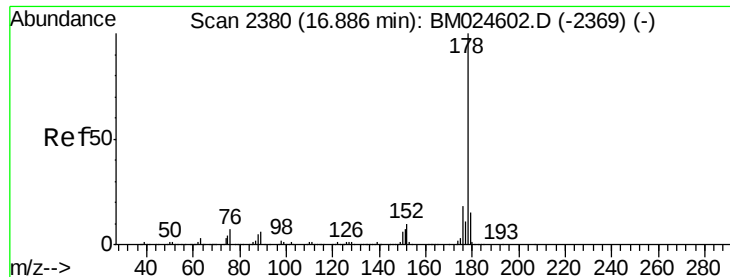
Delta R.T. -0.01 min

Lab File: BM024670.D

Acq: 30 Jan 2020 22:07

Tgt Ion:	266	Resp:	780234
Ion Ratio	Lower	Upper	
266	100		
268	62.2	50.4	75.6
264	62.8	49.9	74.9





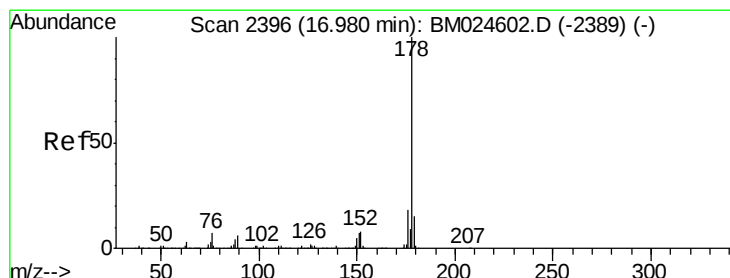
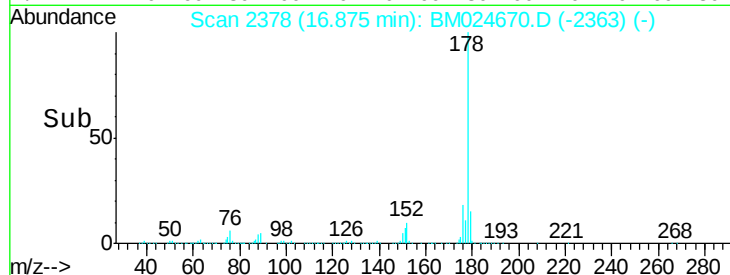
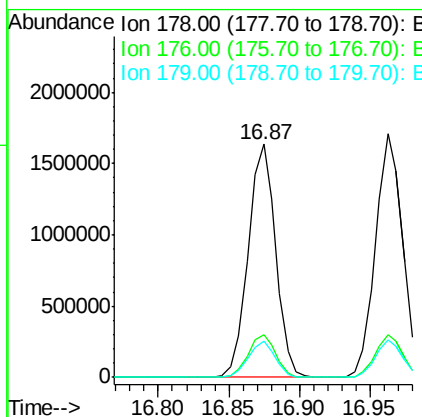
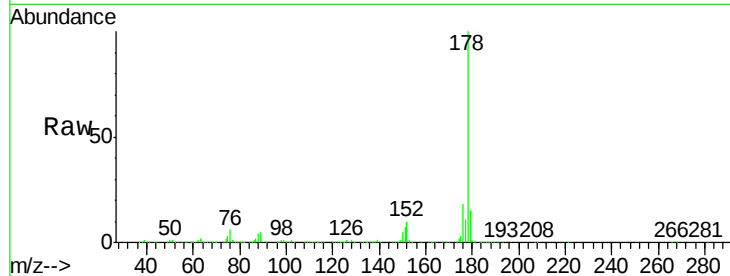
#71
Phenanthrene
Concen: 47.407 ng
RT: 16.87 min Scan# 2378
Delta R.T. -0.01 min
Lab File: BM024670.D
Acq: 30 Jan 2020 22:07

Instrument :
BNA_M
ClientSampleId :
RAINEY-PARK-BH-04-AMSD

Tot Ion:178 Resp: 2235079
Ion Ratio Lower Upper
178 100
176 18.5 14.5 21.7
179 15.4 11.9 17.9

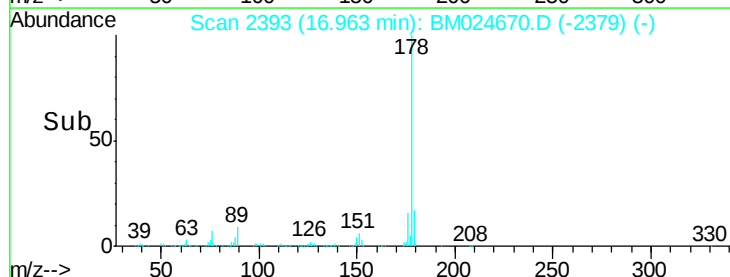
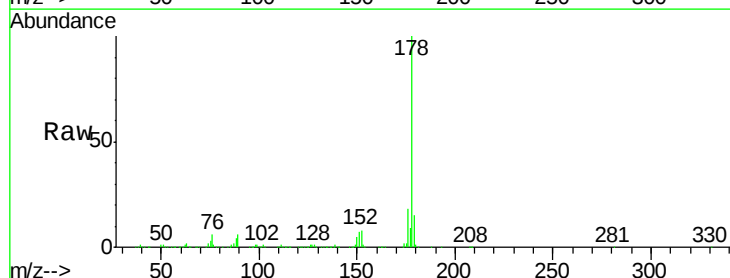
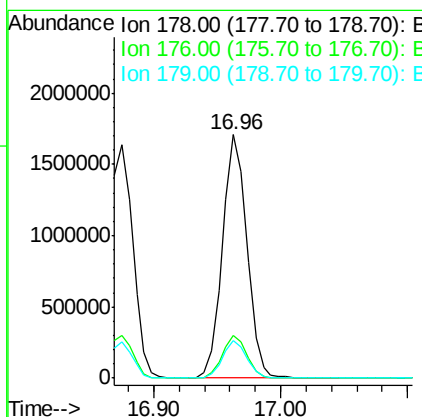
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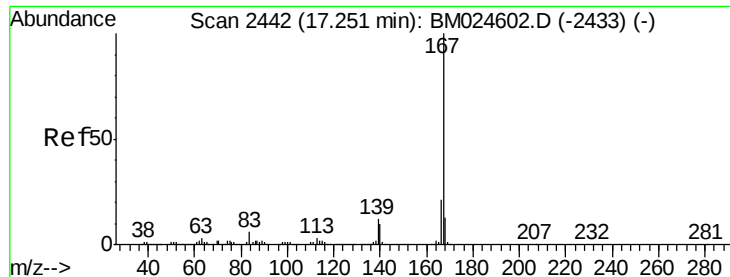
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#72
Anthracene
Concen: 49.319 ng
RT: 16.96 min Scan# 2393
Delta R.T. -0.02 min
Lab File: BM024670.D
Acq: 30 Jan 2020 22:07

Tgt Ion:178 Resp: 2275170
Ion Ratio Lower Upper
178 100
176 17.6 14.3 21.5
179 15.5 12.1 18.1





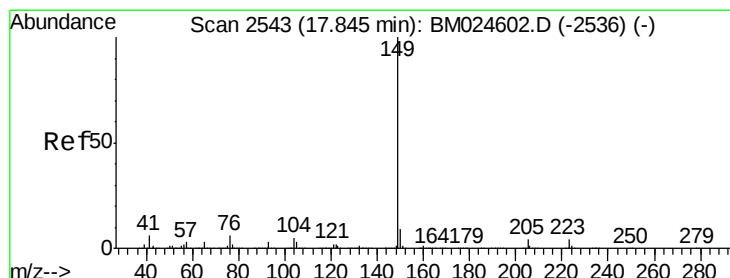
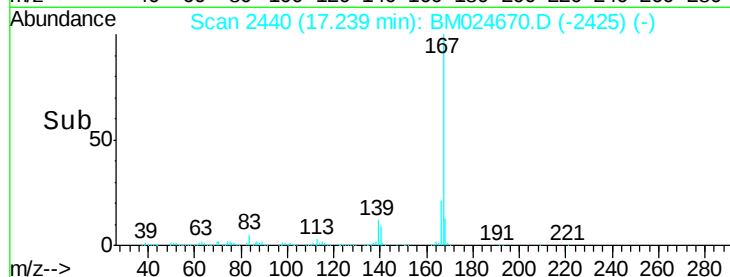
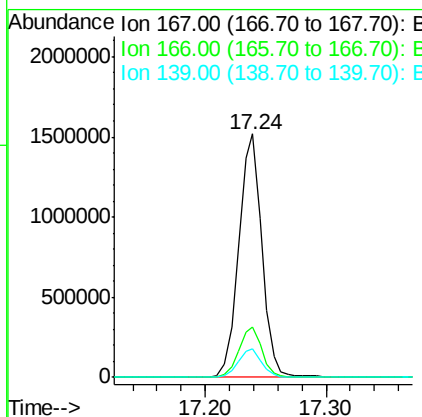
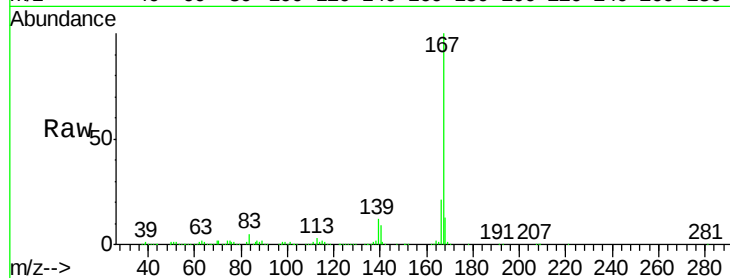
#73
 Carbazole
 Concen: 48.235 ng
 RT: 17.24 min Scan# 2440
 Delta R.T. -0.01 min
 Lab File: BM024670.D
 Acq: 30 Jan 2020 22:07

Instrument :
 BNA_M
 ClientSampleId :
 RAINEY-PARK-BH-04-AMSD

Tot Ion	Ratio	Lower	Upper
167	100		
166	20.8	17.1	25.7
139	11.8	9.8	14.8

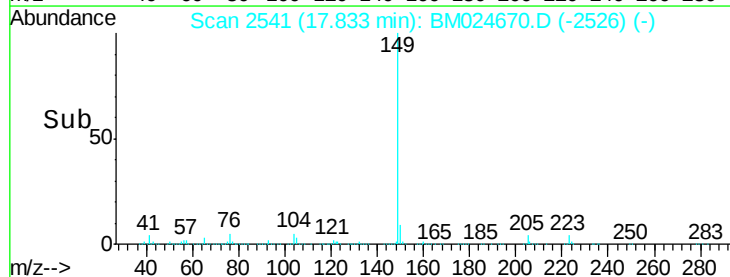
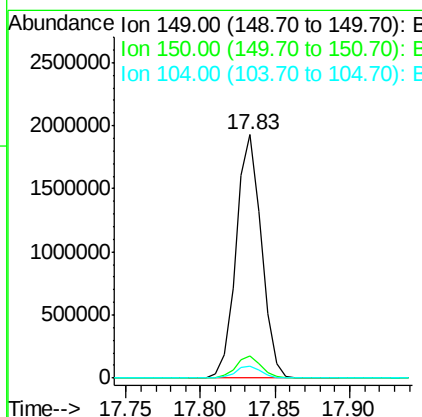
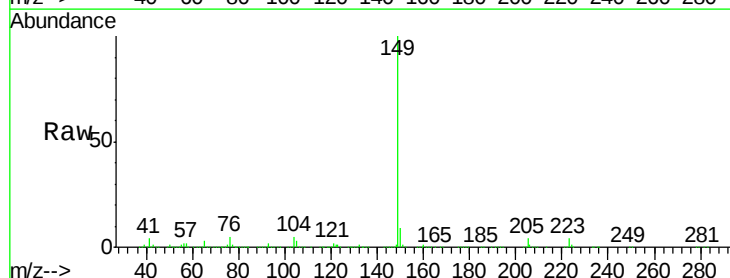
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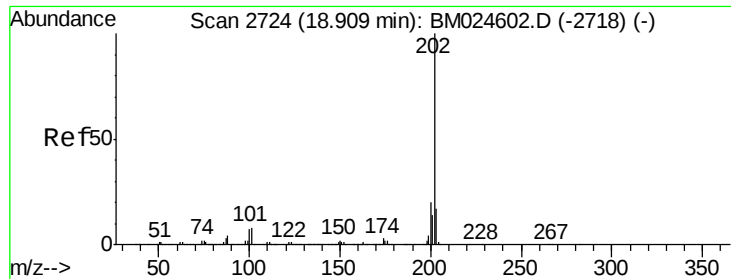
mohammad
 2/3/2020 7:55:41 AM



#74
 Di-n-butylphthalate
 Concen: 42.413 ng
 RT: 17.83 min Scan# 2541
 Delta R.T. -0.01 min
 Lab File: BM024670.D
 Acq: 30 Jan 2020 22:07

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.1	7.4	11.0
104	4.8	4.3	6.5





#75

Fluoranthene

Concen: 48.576 ng

RT: 18.90 min Scan# 2722

Delta R.T. -0.01 min

Lab File: BM024670.D

Acq: 30 Jan 2020 22:07

Instrument :

BNA_M

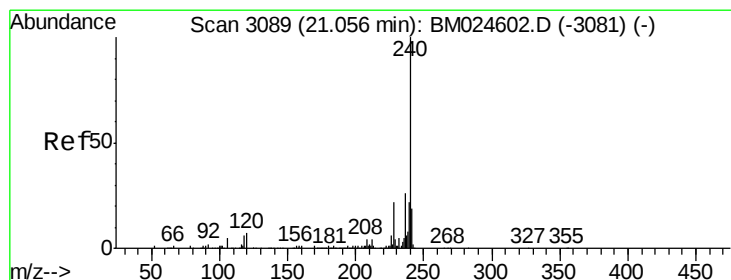
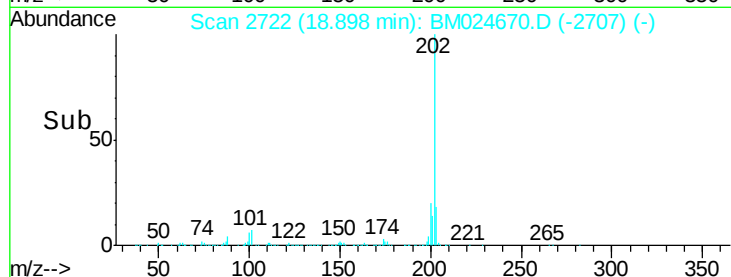
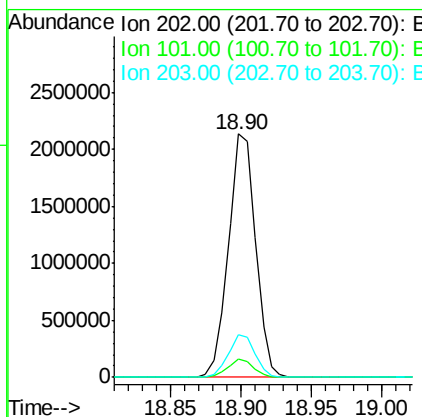
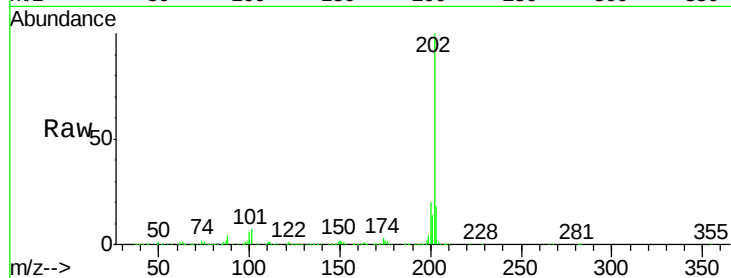
ClientSampleId :

RAINEY-PARK-BH-04-AMSD

Tot Ion:	202	Resp:	2858414
Ion	Ratio	Lower	Upper
202	100		
101	7.3	0.0	28.4
203	17.6	0.0	37.5

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#76

Chrysene-d12

Concen: 20.000 ng

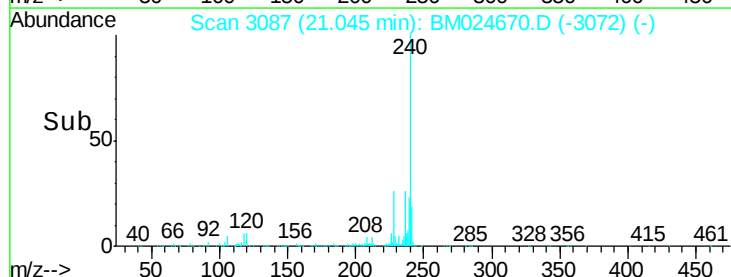
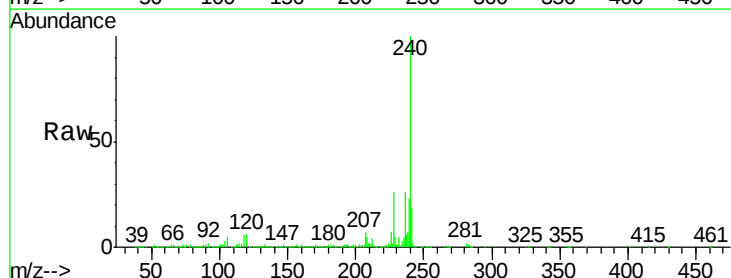
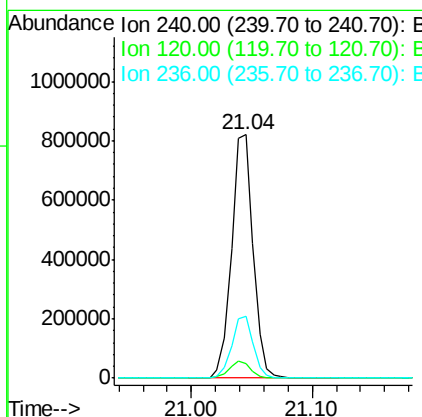
RT: 21.04 min Scan# 3087

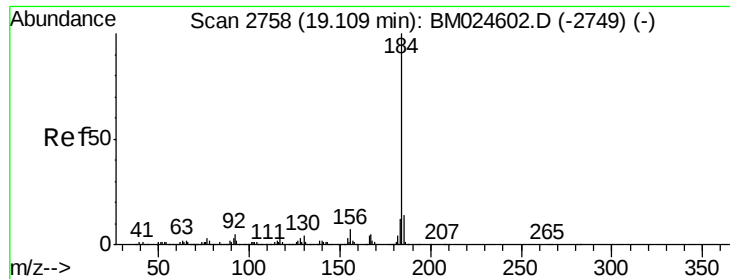
Delta R.T. -0.01 min

Lab File: BM024670.D

Acq: 30 Jan 2020 22:07

Tgt Ion:	240	Resp:	1020621
Ion	Ratio	Lower	Upper
240	100		
120	6.1	5.3	7.9
236	25.7	20.6	31.0





#77

Benzidine

Concen: 66.211 ng

RT: 19.10 min Scan# 2756

Delta R.T. -0.01 min

Lab File: BM024670.D

Acq: 30 Jan 2020 22:07

Instrument :

BNA_M

ClientSampleId :

RAINEY-PARK-BH-04-AMSD

Tot Ion:184 Resp: 1573760

Ion Ratio Lower Upper

184 100

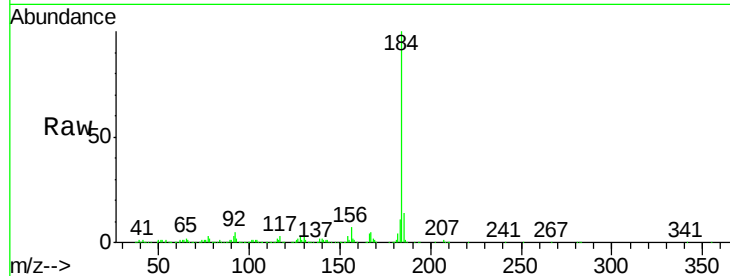
185 14.3 11.3 16.9

183 11.3 9.6 14.4

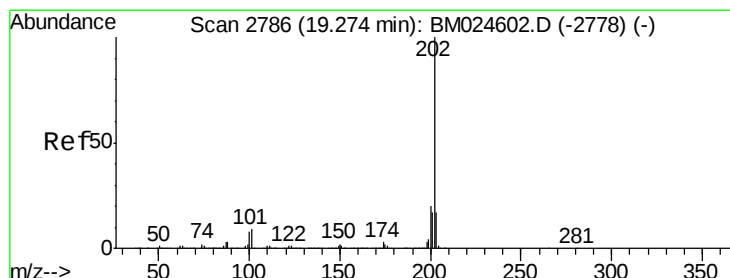
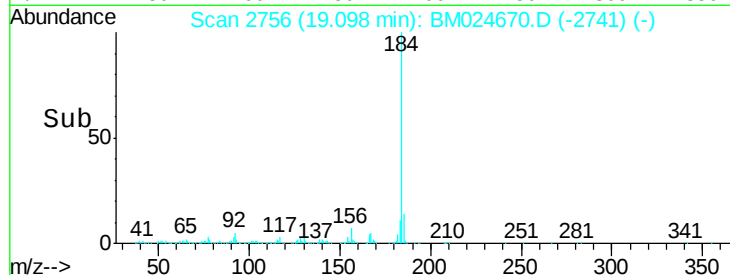
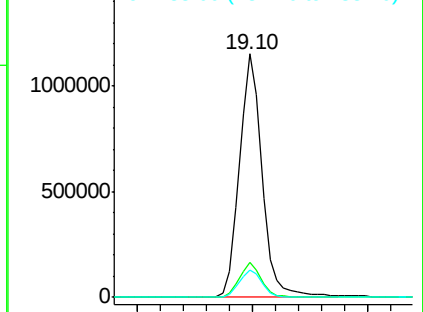
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Abundance Ion 184.00 (183.70 to 184.70): E
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 43.958 ng

RT: 19.26 min Scan# 2784

Delta R.T. -0.01 min

Lab File: BM024670.D

Acq: 30 Jan 2020 22:07

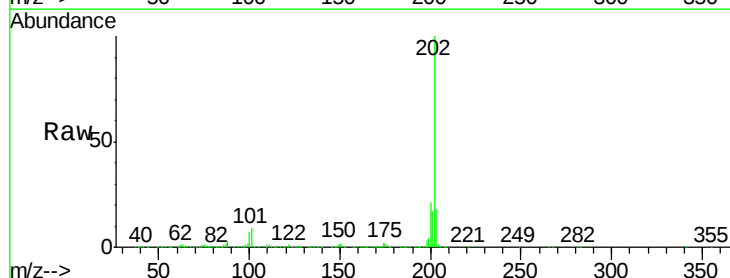
Tgt Ion:202 Resp: 2957640

Ion Ratio Lower Upper

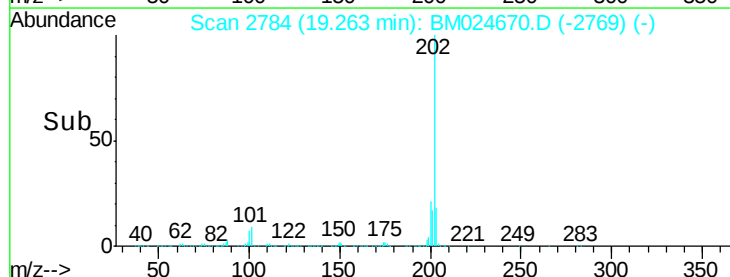
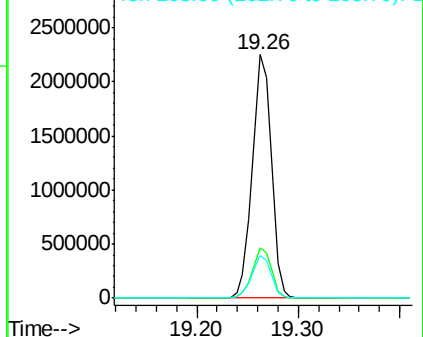
202 100

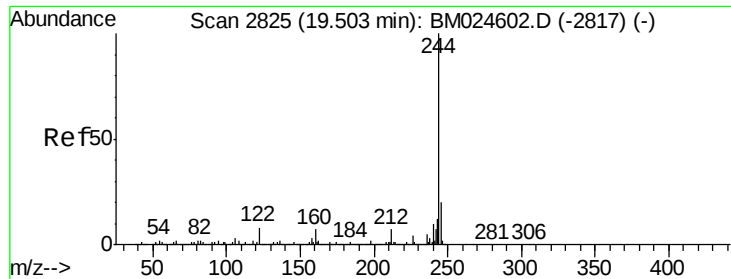
200 20.7 16.2 24.2

203 17.7 14.0 21.0



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





#79

Terphenyl-d14

Concen: 62.898 ng

RT: 19.49 min Scan# 2822

Delta R.T. -0.02 min

Lab File: BM024670.D

Acq: 30 Jan 2020 22:07

Instrument :

BNA_M

ClientSampleId :

RAINEY-PARK-BH-04-AMSD

Tot Ion:244 Resp: 3438579

Ion Ratio Lower Upper

244 100

212 6.4 5.4 8.2

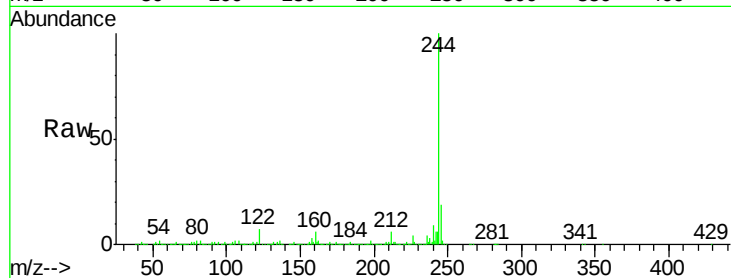
122 7.3 6.2 9.4

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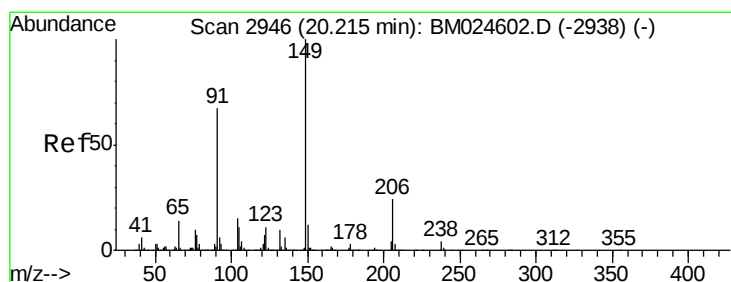
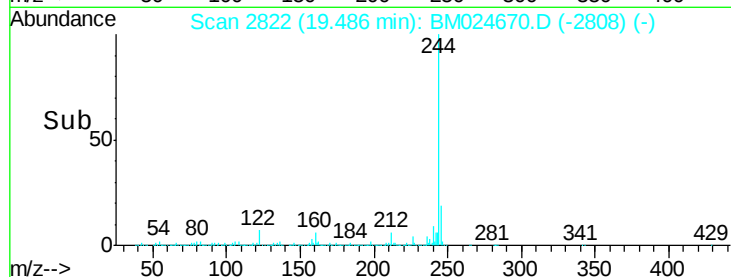
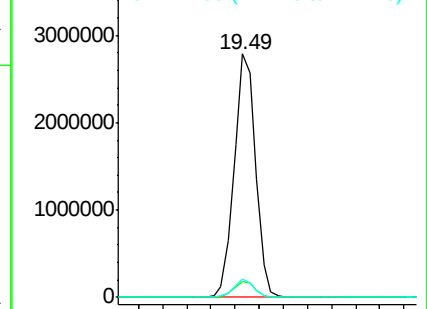
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Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 39.035 ng

RT: 20.20 min Scan# 2944

Delta R.T. -0.01 min

Lab File: BM024670.D

Acq: 30 Jan 2020 22:07

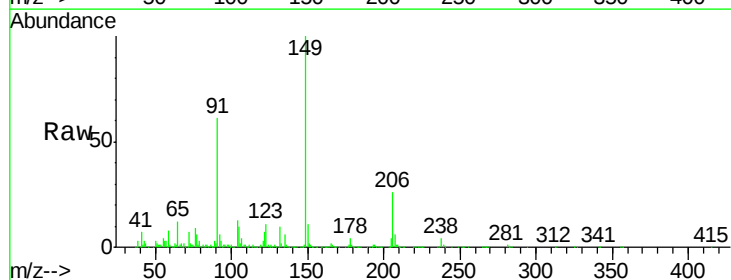
Tgt Ion:149 Resp: 1102069

Ion Ratio Lower Upper

149 100

91 60.7 53.9 80.9

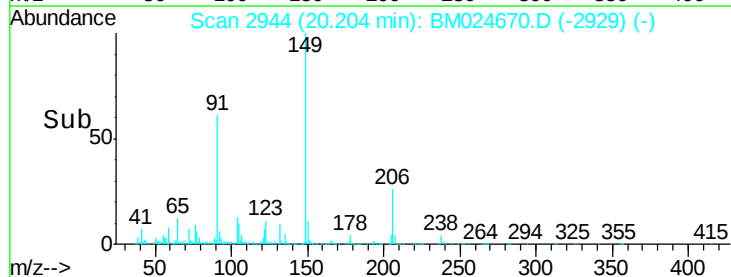
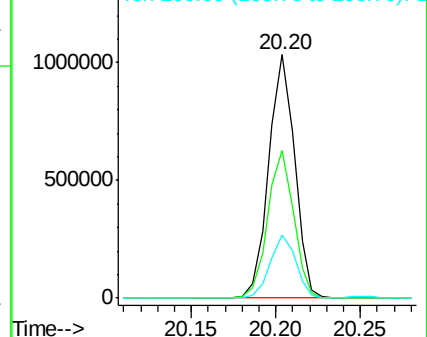
206 25.9 19.0 28.6

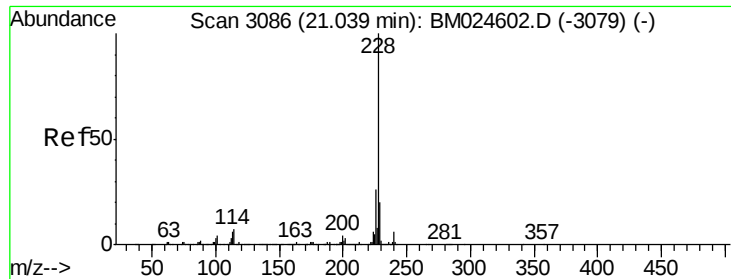


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BM

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 46.234 ng

RT: 21.03 min Scan# 3084

Delta R.T. -0.01 min

Lab File: BM024670.D

Acq: 30 Jan 2020 22:07

Instrument :

BNA_M

ClientSampleId :

RAINEY-PARK-BH-04-AMSD

Tot Ion:228 Resp: 3275075

Ion Ratio Lower Upper

228 100

226 26.4 21.1 31.7

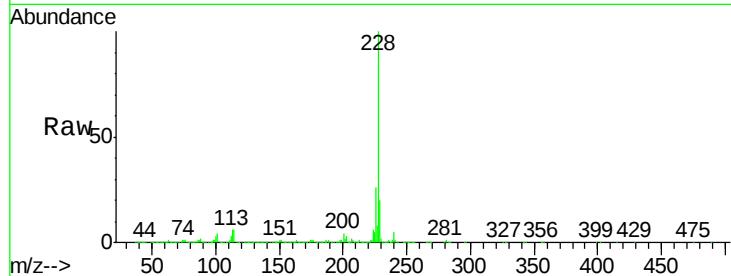
229 19.5 15.8 23.6

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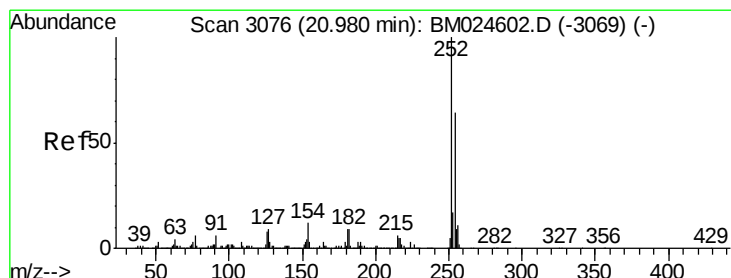
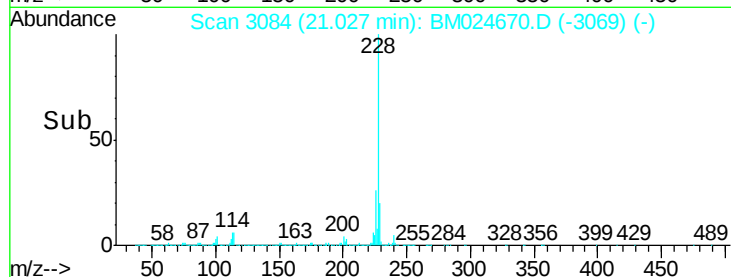
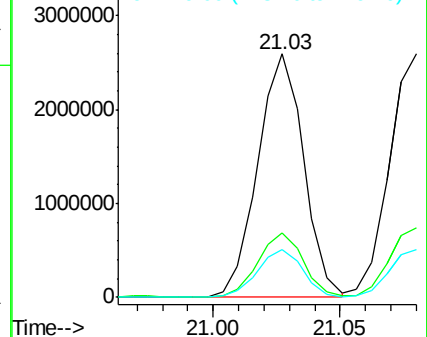
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Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 41.505 ng

RT: 20.97 min Scan# 3074

Delta R.T. -0.01 min

Lab File: BM024670.D

Acq: 30 Jan 2020 22:07

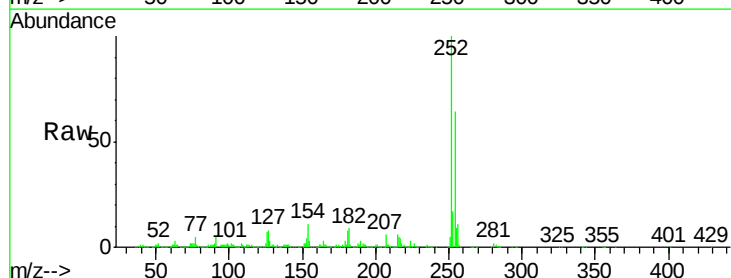
Tgt Ion:252 Resp: 1057628

Ion Ratio Lower Upper

252 100

254 64.0 51.5 77.3

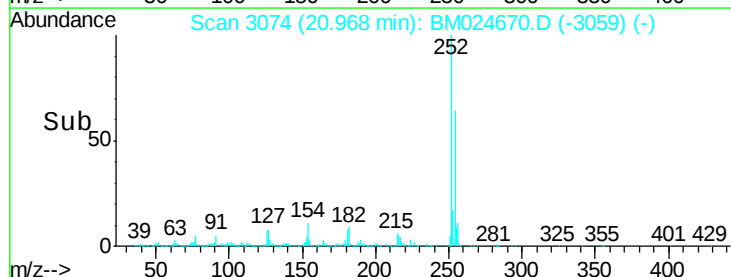
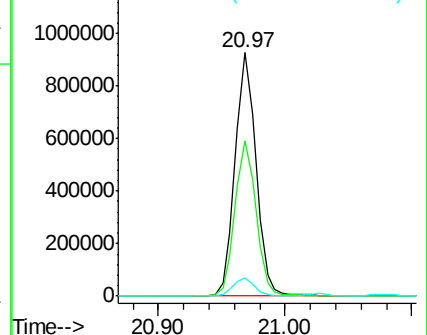
126 7.4 6.7 10.1

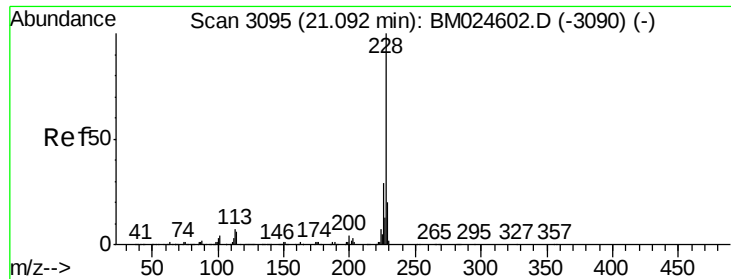


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





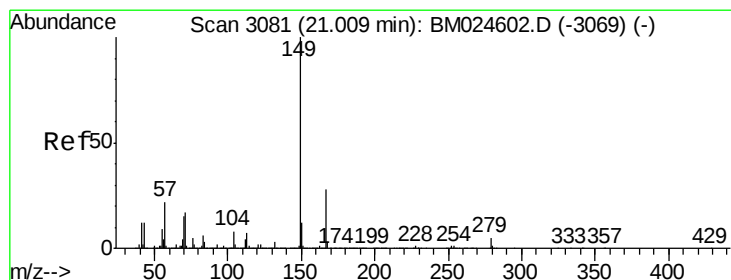
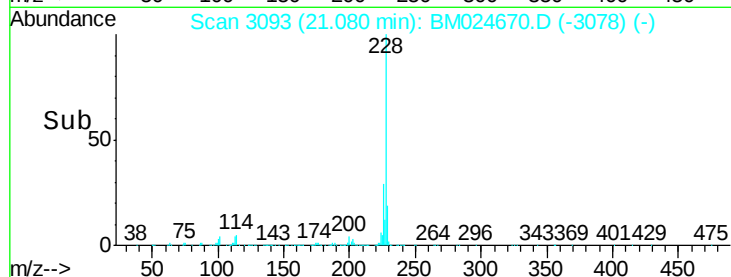
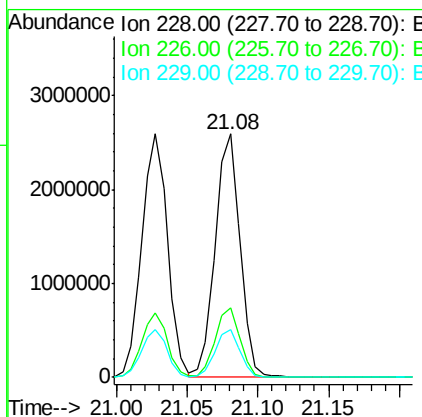
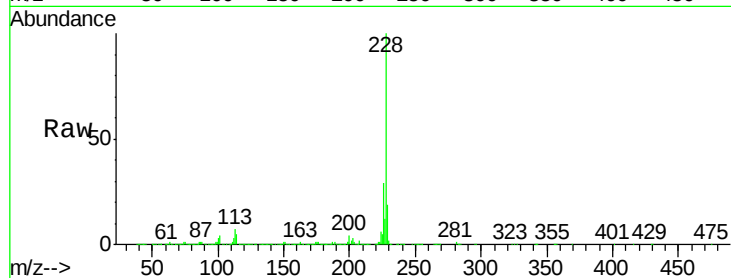
#83
 Chrvsene
 Concen: 46.849 ng
 RT: 21.08 min Scan# 3093
 Delta R.T. -0.01 min
 Lab File: BM024670.D
 Acq: 30 Jan 2020 22:07

Instrument :
 BNA_M
 ClientSampleId :
 RAINEY-PARK-BH-04-AMSD

Tot Ion:228 Resp: 3166685
 Ion Ratio Lower Upper
 228 100
 226 28.7 23.2 34.8
 229 19.4 15.7 23.5

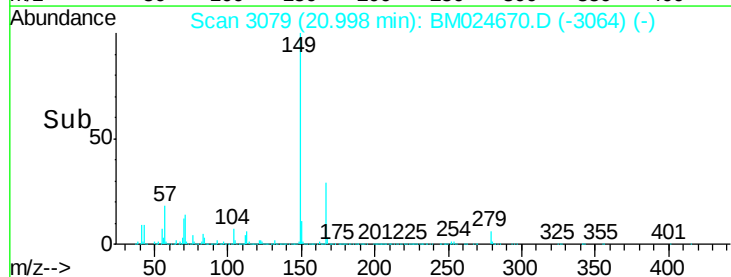
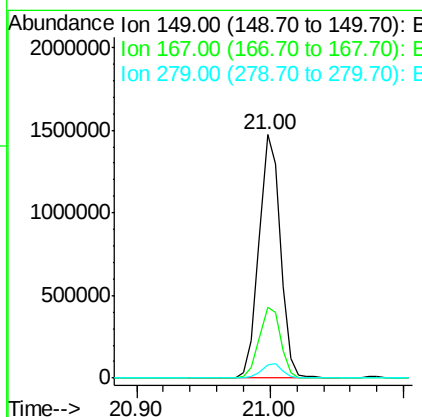
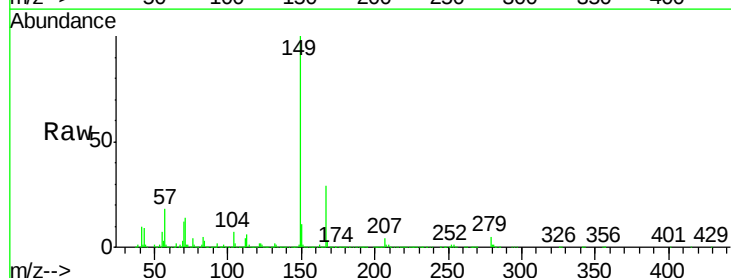
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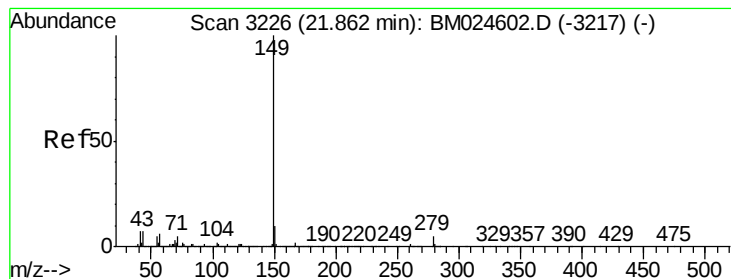
mohammad
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#84
 Bis(2-ethylhexyl)phthalate
 Concen: 38.664 ng
 RT: 21.00 min Scan# 3079
 Delta R.T. -0.01 min
 Lab File: BM024670.D
 Acq: 30 Jan 2020 22:07

Tgt Ion:149 Resp: 1610664
 Ion Ratio Lower Upper
 149 100
 167 29.3 22.5 33.7
 279 5.5 4.0 6.0





#85

Di-n-octyl phthalate

Concen: 42.875 ng

RT: 21.85 min Scan# 3224

Delta R.T. -0.01 min

Lab File: BM024670.D

Acq: 30 Jan 2020 22:07

Instrument :

BNA_M

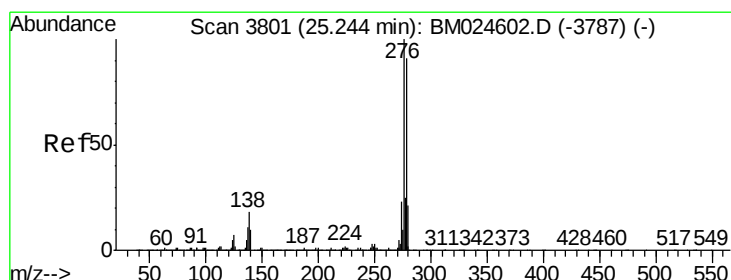
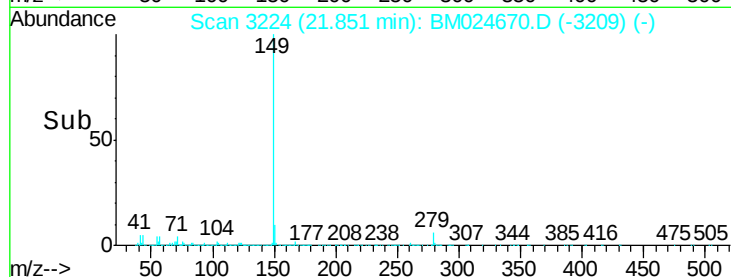
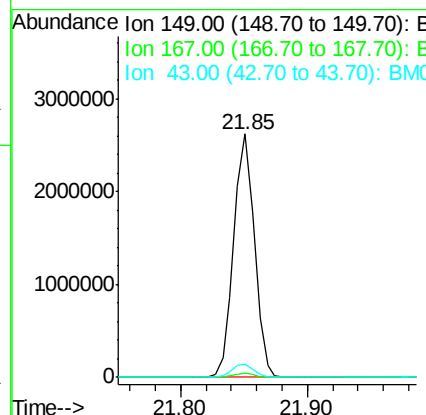
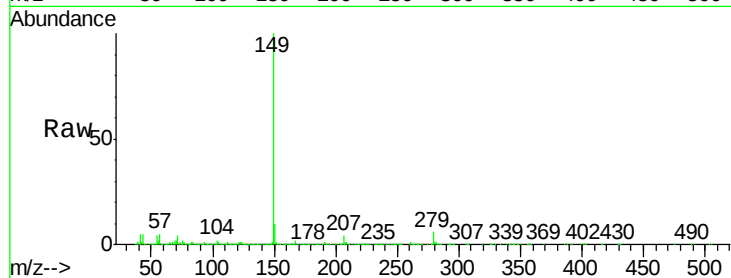
ClientSampleId :

RAINEY-PARK-BH-04-AMSD

Tot Ion:	149	Resp:	2950812
Ion Ratio	Lower	Upper	
149	100		
167	1.6	1.3	1.9
43	5.5	5.8	8.6#

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#86

Indeno(1,2,3-cd)pyrene

Concen: 61.639 ng

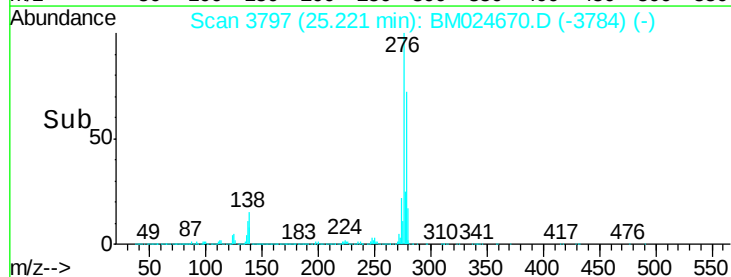
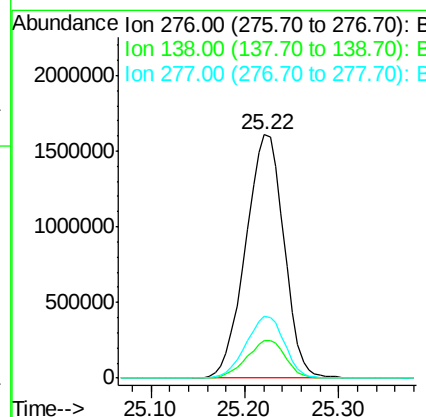
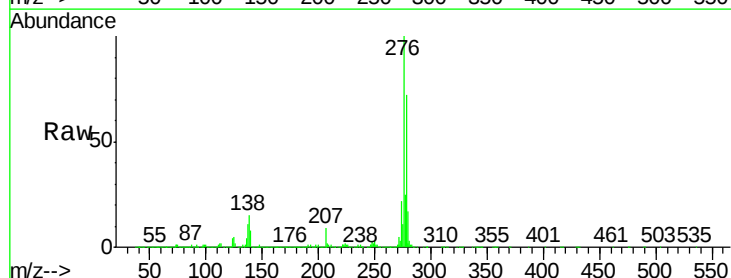
RT: 25.22 min Scan# 3797

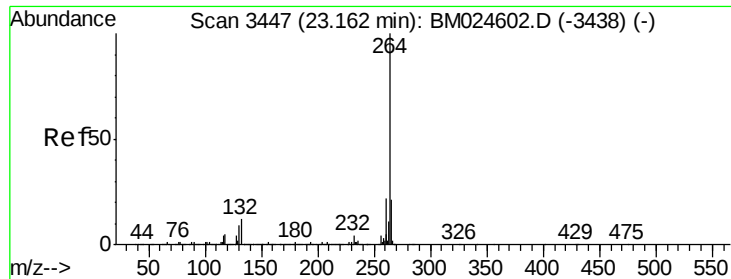
Delta R.T. -0.02 min

Lab File: BM024670.D

Acq: 30 Jan 2020 22:07

Tgt Ion:	276	Resp:	4541076
Ion Ratio	Lower	Upper	
276	100		
138	15.6	13.4	20.0
277	25.3	19.6	29.4





#87

Pervlene-d12

Concen: 20.000 ng

RT: 23.15 min Scan# 3445

Delta R.T. -0.01 min

Lab File: BM024670.D

Acq: 30 Jan 2020 22:07

Instrument :

BNA_M

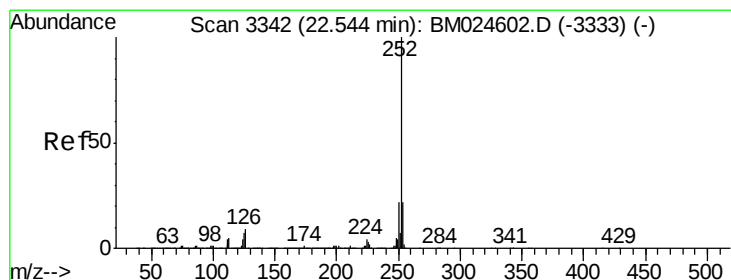
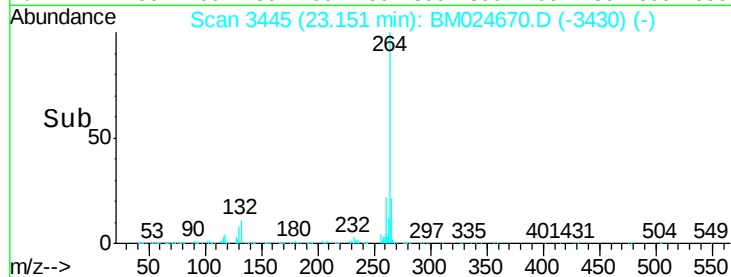
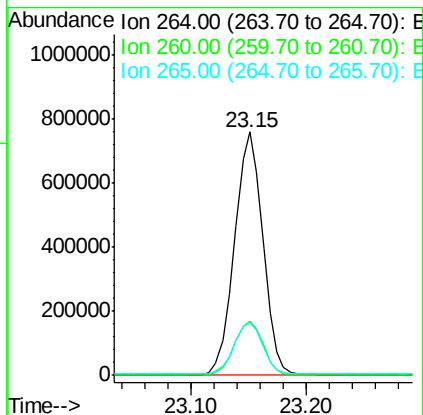
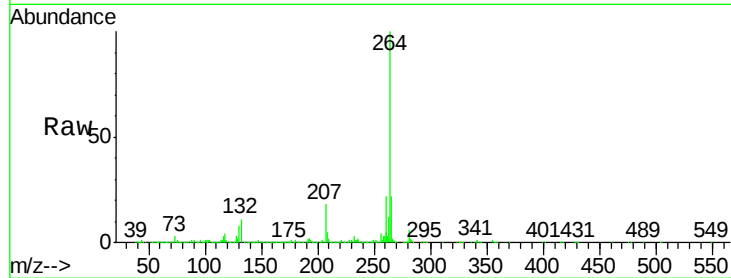
ClientSampleId :

RAINEY-PARK-BH-04-AMSD

Tot Ion:	264	Resp:	1297062
Ion	Ratio	Lower	Upper
264	100		
260	22.4	17.9	26.9
265	21.8	17.3	25.9

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#88

Benzo(b)fluoranthene

Concen: 43.465 ng

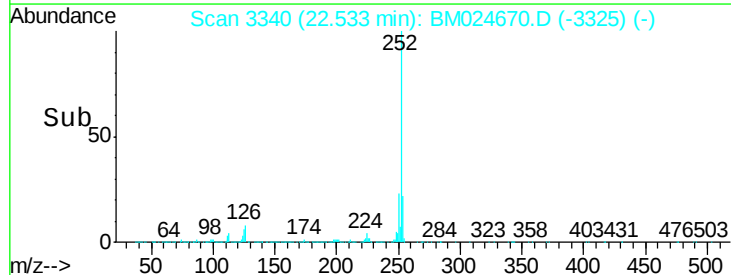
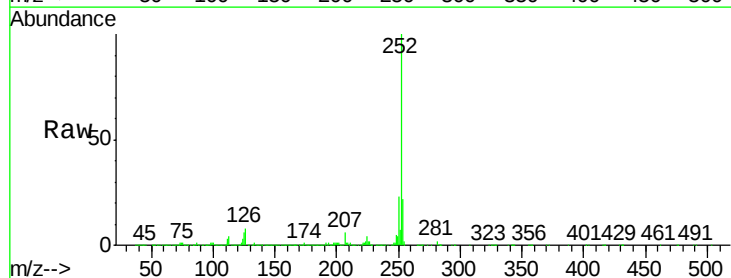
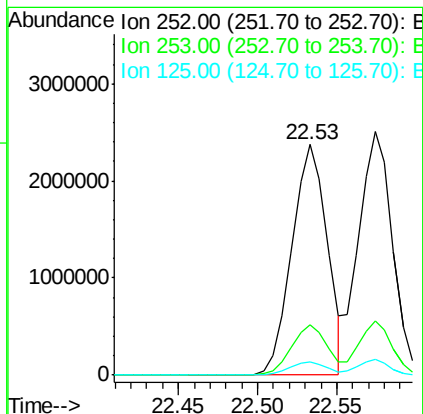
RT: 22.53 min Scan# 3340

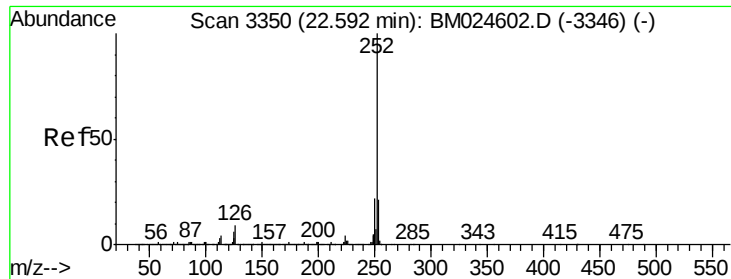
Delta R.T. -0.01 min

Lab File: BM024670.D

Acq: 30 Jan 2020 22:07

Tgt Ion:	252	Resp:	3656477
Ion	Ratio	Lower	Upper
252	100		
253	21.7	17.6	26.4
125	6.0	5.7	8.5





#89

Benzo(k)fluoranthene

Concen: 45.350 ng

RT: 22.57 min Scan# 3347

Delta R.T. -0.02 min

Lab File: BM024670.D

Acq: 30 Jan 2020 22:07

Instrument :

BNA_M

ClientSampleId :

RAINEY-PARK-BH-04-AMSD

Tot Ion:252 Resp: 3723866

Ion Ratio Lower Upper

252 100

253 22.2 17.3 25.9

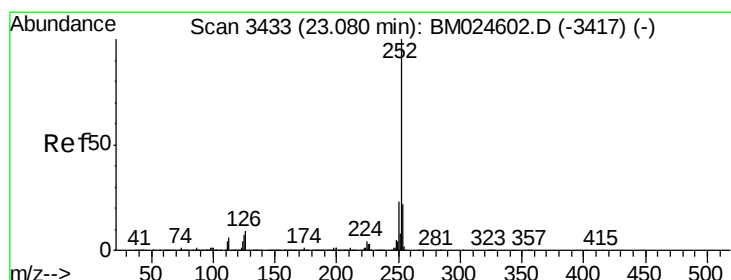
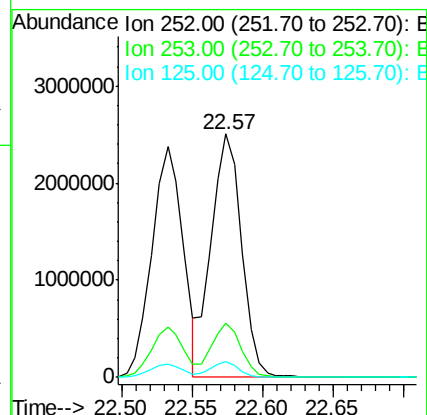
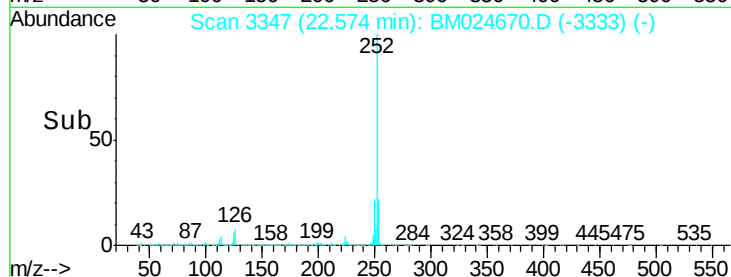
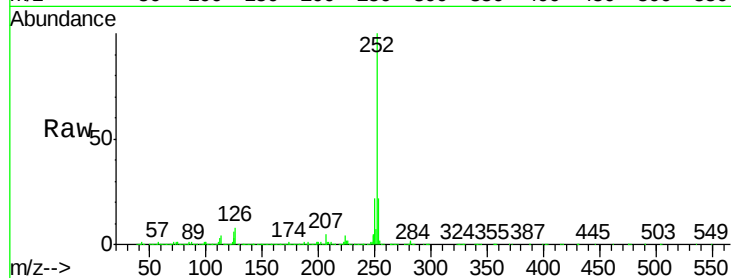
125 6.4 5.2 7.8

Manual Integrations

APPROVED

mohammad

2/3/2020 7:55:41 AM



#90

Benzo(a)pyrene

Concen: 45.099 ng

RT: 23.06 min Scan# 3430

Delta R.T. -0.02 min

Lab File: BM024670.D

Acq: 30 Jan 2020 22:07

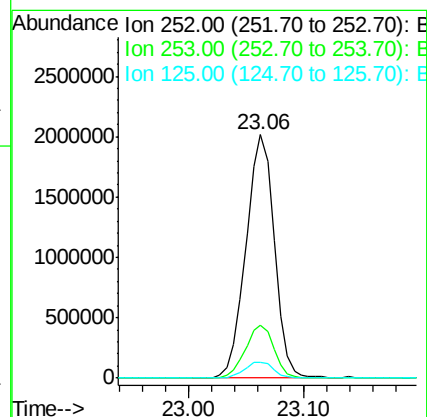
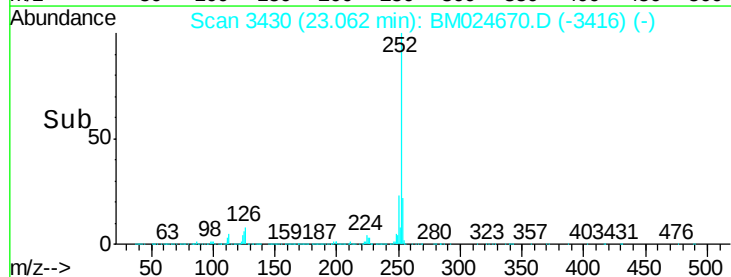
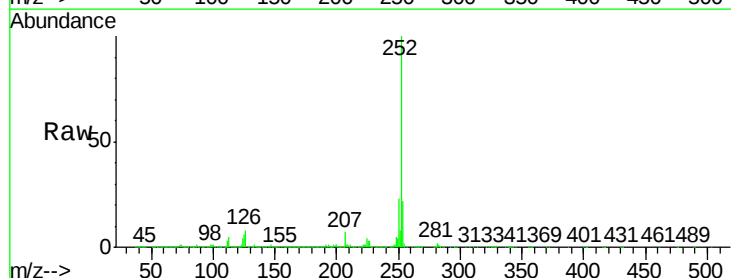
Tgt Ion:252 Resp: 3449314

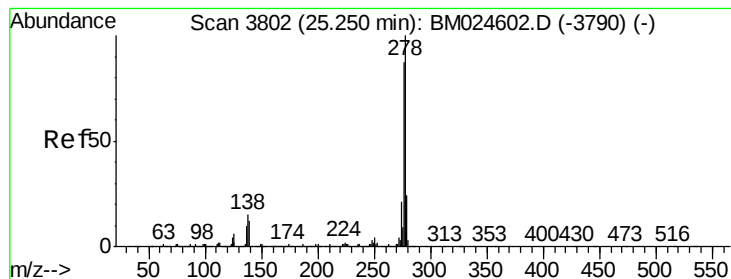
Ion Ratio Lower Upper

252 100

253 22.0 17.3 25.9

125 6.4 5.8 8.8





#91

Dibenzo(a,h)anthracene

Concen: 53.035 ng

RT: 25.23 min Scan# 3799

Delta R.T. -0.02 min

Lab File: BM024670.D

Acq: 30 Jan 2020 22:07

Instrument :

BNA_M

ClientSampleId :

RAINEY-PARK-BH-04-AMSD

Tot Ion:278 Resp: 3849976

Ion Ratio Lower Upper

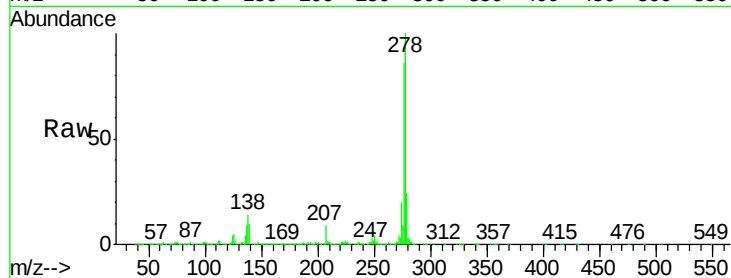
278 100

139 10.0 9.3 13.9

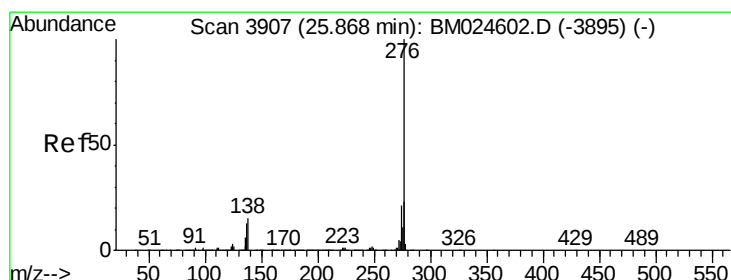
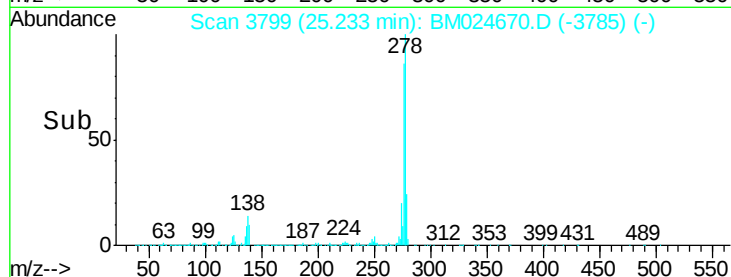
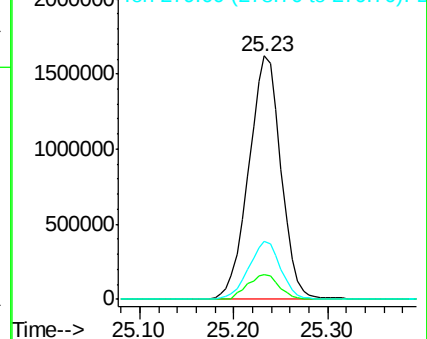
279 23.7 18.9 28.3

Manual Integrations
APPROVED

mohammad
2/3/2020 7:55:41 AM



Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 57.927 ng

RT: 25.85 min Scan# 3904

Delta R.T. -0.02 min

Lab File: BM024670.D

Acq: 30 Jan 2020 22:07

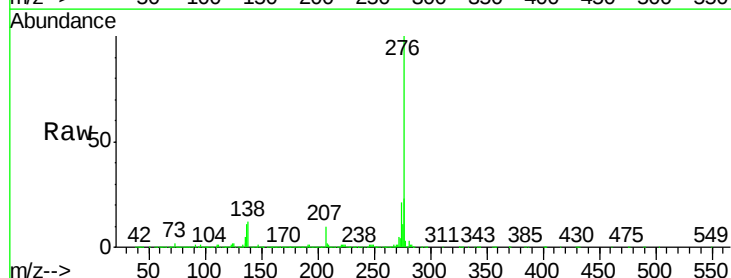
Tgt Ion:276 Resp: 3818304

Ion Ratio Lower Upper

276 100

277 23.2 18.6 28.0

138 12.3 11.9 17.9



Abundance Ion 276.00 (275.70 to 276.70): E
Ion 277.00 (276.70 to 277.70): E
Ion 138.00 (137.70 to 138.70): E

