

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM090119\
 Data File : BM022478.D
 Acq On : 01 Sep 2019 15:44
 Operator : HP/JU
 Sample : K4619-03MSD
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 TP1-COMPMSD

Manual Integrations
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mohammad
 9/6/2019 8:16:40 AM

Quant Time: Sep 02 04:17:08 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM082919.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Sep 02 03:54:42 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.50	152	12585	20.00	ng	0.00
21) Naphthalene-d8	10.27	136	46058	20.00	ng	0.00
39) Acenaphthene-d10	14.17	164	28616	20.00	ng	0.00
64) Phenanthrene-d10	16.93	188	70541	20.00	ng	0.00
76) Chrysene-d12	21.15	240	114922	20.00	ng	0.00
87) Perylene-d12	23.34	264	129643	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.13	112	87352	121.84	ng	0.00
7) Phenol-d6	6.70	99	114956	119.90	ng	0.00
23) Nitrobenzene-d5	8.67	82	83540	79.45	ng	0.00
42) 2,4,6-Tribromophenol	15.68	330	67276	114.89	ng	0.00
45) 2-Fluorobiphenyl	12.77	172	184083	72.87	ng	0.00
79) Terphenyl-d14	19.58	244	491028	56.39	ng	0.00

Target Compounds					Qvalue	
2) 1,4-Dioxane	3.12	88	11825	35.742	ng	# 88
3) Pyridine	3.53	79	15097	18.971	ng	# 90
4) n-Nitrosodimethylamine	3.45	42	23276	42.422	ng	92
6) Aniline	6.86	93	33449	27.375	ng	96
8) 2-Chlorophenol	7.07	128	33871	41.044	ng	99
9) Benzaldehyde	6.69	77	26844	44.940	ng	99
10) Phenol	6.73	94	41723	43.318	ng	98
11) bis(2-Chloroethyl)ether	6.96	93	28599	39.344	ng	97
12) 1,3-Dichlorobenzene	7.39	146	37583	37.534	ng	99
13) 1,4-Dichlorobenzene	7.54	146	38646	38.092	ng	99
14) 1,2-Dichlorobenzene	7.85	146	37713	37.079	ng	96
15) Benzyl Alcohol	7.77	79	34385	37.803	ng	94
16) 2,2'-oxybis(1-Chloropropan	8.04	45	36018	38.236	ng	99
17) 2-Methylphenol	7.96	107	27388	39.100	ng	97
18) Hexachloroethane	8.55	117	17370	36.926	ng	96
19) n-Nitroso-di-n-propylamine	8.32	70	26848	36.081	ng	97
20) 3+4-Methylphenols	8.30	107	36834	38.724	ng	94
22) Acetophenone	8.35	105	50978	40.082	ng	# 98
24) Nitrobenzene	8.72	77	43578	43.049	ng	99
25) Isophorone	9.23	82	70827	42.896	ng	97
26) 2-Nitrophenol	9.42	139	17857	44.038	ng	95
27) 2,4-Dimethylphenol	9.48	122	30647	50.668	ng	96
28) bis(2-Chloroethoxy)methane	9.72	93	38843	40.657	ng	95
29) 2,4-Dichlorophenol	9.96	162	33063	41.778	ng	95
30) 1,2,4-Trichlorobenzene	10.14	180	39172	38.871	ng	94
31) Naphthalene	10.32	128	100556	41.974	ng	100
32) Benzoic acid	9.63	122	5739	12.046	ng	# 86
33) 4-Chloroaniline	10.48	127	20610	19.994	ng	97
34) Hexachlorobutadiene	10.57	225	36956	37.180	ng	95
35) Caprolactam	11.33	113	9189m	45.682	ng	
36) 4-Chloro-3-methylphenol	11.61	107	35121	42.106	ng	98
37) 2-Methylnaphthalene	11.95	142	73062	40.133	ng	96
38) 1-Methylnaphthalene	12.17	142	68795	39.152	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.33	216	57729	42.508	ng	100

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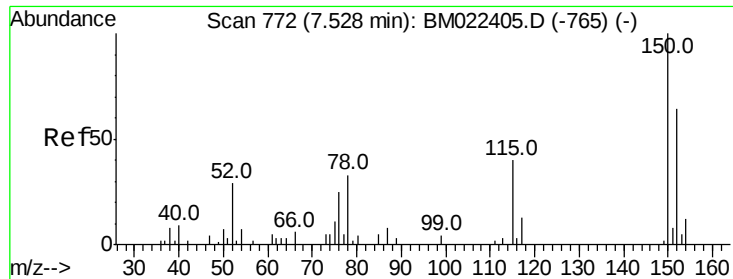
Manual Integrations
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.27	237	40694	74.143	ng	98
43) 2,4,6-Trichlorophenol	12.59	196	32484	44.313	ng	100
44) 2,4,5-Trichlorophenol	12.68	196	32672	44.949	ng	97
46) 1,1'-Biphenyl	12.99	154	98077	41.946	ng	99
47) 2-Chloronaphthalene	13.03	162	78637	42.356	ng	98
48) 2-Nitroaniline	13.29	65	26861	44.922	ng	92
49) Acenaphthylene	13.89	152	125090	44.642	ng	98
50) Dimethylphthalate	13.64	163	133434	53.612	ng	99
51) 2,6-Dinitrotoluene	13.79	165	22703	46.436	ng	99
52) Acenaphthene	14.23	154	72369	43.064	ng	99
53) 3-Nitroaniline	14.13	138	14504	30.896	ng	96
54) 2,4-Dinitrophenol	14.37	184	18079	63.420	ng	98
55) Dibenzofuran	14.57	168	124024	43.809	ng	100
56) 4-Nitrophenol	14.47	139	28287	88.792	ng	95
57) 2,4-Dinitrotoluene	14.60	165	32223	45.842	ng	# 97
58) Fluorene	15.23	166	101023	39.942	ng	98
59) 2,3,4,6-Tetrachlorophenol	14.82	232	37576	45.871	ng	97
60) Diethylphthalate	15.02	149	121268	46.647	ng	100
61) 4-Chlorophenyl-phenylether	15.23	204	66250	38.092	ng	97
62) 4-Nitroaniline	15.32	138	20520	46.702	ng	94
63) Azobenzene	15.52	77	124567	48.001	ng	98
65) 4,6-Dinitro-2-methylphenol	15.37	198	19594	46.549	ng	94
66) n-Nitrosodiphenylamine	15.45	169	89338	41.948	ng	99
67) 4-Bromophenyl-phenylether	16.12	248	43884	39.539	ng	97
68) Hexachlorobenzene	16.23	284	46586	37.055	ng	98
69) Atrazine	16.42	200	40424	44.581	ng	94
70) Pentachlorophenol	16.60	266	52379	93.146	ng	95
71) Phenanthrene	16.98	178	169197	41.149	ng	98
72) Anthracene	17.07	178	173650	42.924	ng	97
73) Carbazole	17.37	167	151444	45.288	ng	98
74) Di-n-butylphthalate	17.90	149	219587	48.427	ng	99
75) Fluoranthene	19.01	202	273964	50.032	ng	99
77) Benzidine	19.23	184	76100	39.325	ng	100
78) Pyrene	19.38	202	288688	36.860	ng	99
80) Butylbenzylphthalate	20.29	149	119750	43.812	ng	98
81) Benzo(a)anthracene	21.14	228	355628	43.113	ng	98
82) 3,3'-Dichlorobenzidine	21.09	252	88546	34.606	ng	99
83) Chrysene	21.19	228	340365	43.352	ng	100
84) Bis(2-ethylhexyl)phthalate	21.05	149	185621	50.016	ng	99
85) Di-n-octyl phthalate	21.92	149	341120	57.231	ng	100
86) Indeno(1,2,3-cd)pyrene	25.51	276	443745	56.189	ng	98
88) Benzo(b)fluoranthene	22.69	252	363336	40.342	ng	99
89) Benzo(k)fluoranthene	22.73	252	374053	41.866	ng	98
90) Benzo(a)pyrene	23.24	252	358213	44.810	ng	# 99
91) Dibenzo(a,h)anthracene	25.51	278	374696	47.005	ng	99
92) Benzo(g,h,i)perylene	26.18	276	332844	47.909	ng	99

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



#1

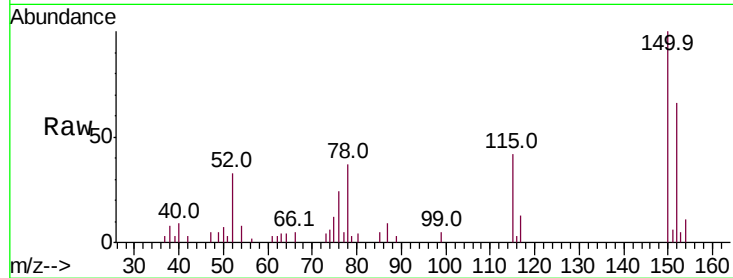
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.50 min Scan# 768
Delta R.T. -0.01 min
Lab File: BM022478.D
Acq: 01 Sep 2019 15:44

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Tot Ion	Ratio	Lower	Upper
152	100		
150	152.5	125.4	188.0
115	64.5	50.3	75.5

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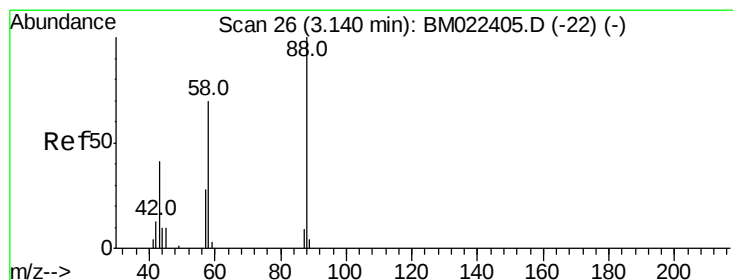
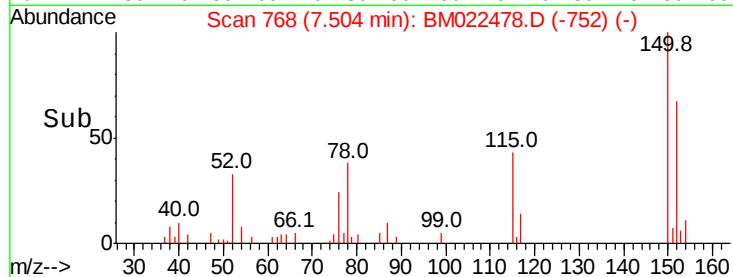
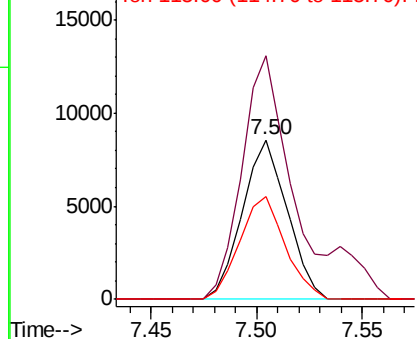


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

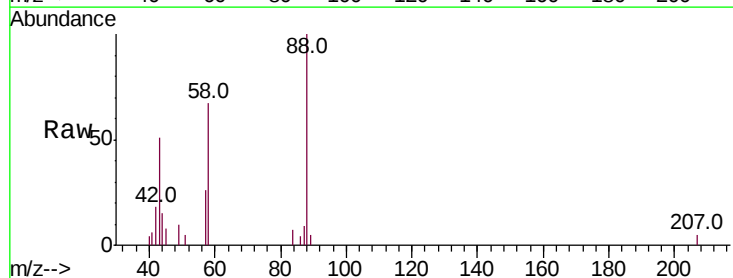
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 35.742 ng
RT: 3.12 min Scan# 23
Delta R.T. -0.01 min
Lab File: BM022478.D
Acq: 01 Sep 2019 15:44

Tgt Ion	Ratio	Lower	Upper
88	100		
58	75.0	53.8	80.8
43	47.7	30.6	46.0#

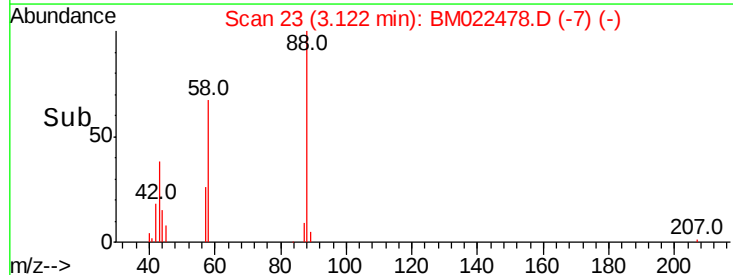
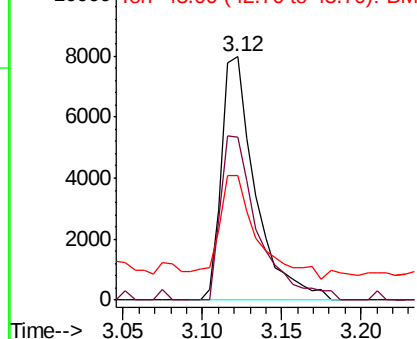


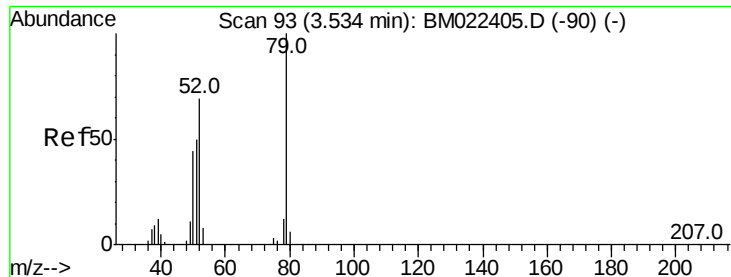
Abundance

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: 18.971 ng

RT: 3.53 min Scan# 93

Delta R.T. 0.01 min

Lab File: BM022478.D

Acq: 01 Sep 2019 15:44

Instrument :

BNA_M

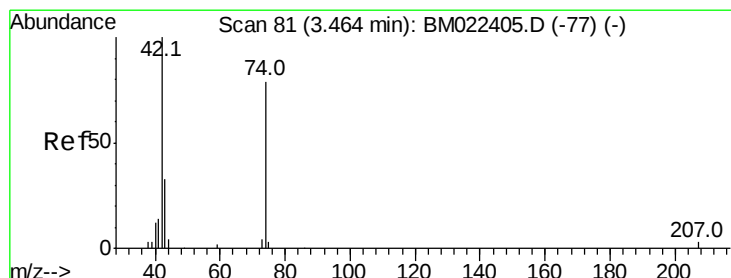
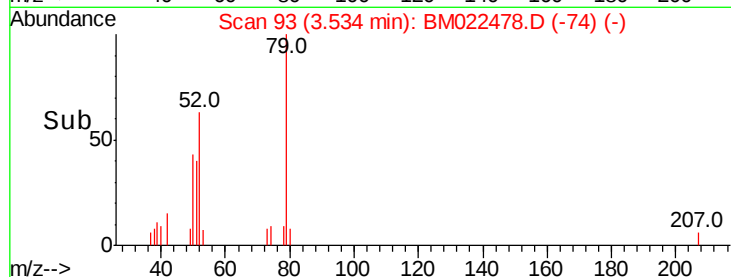
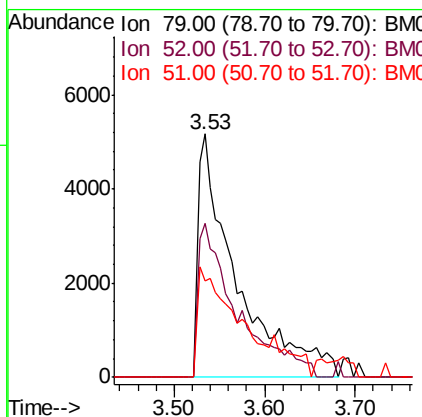
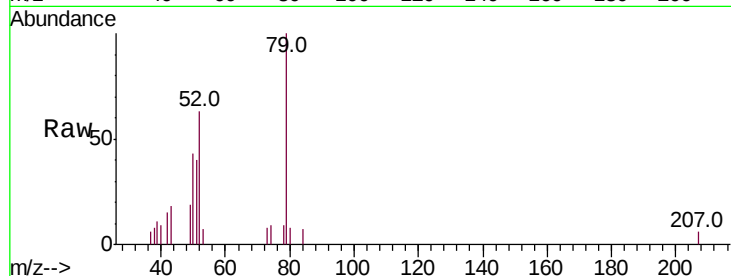
ClientSampleId :

TP1-COMPMSD

Tot Ion:	79	Resp:	15097
Ion Ratio	Lower	Upper	
79	100		
52	63.3	54.8	82.2
51	39.5	40.2	60.4#

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#4

n-Nitrosodimethylamine

Concen: 42.422 ng

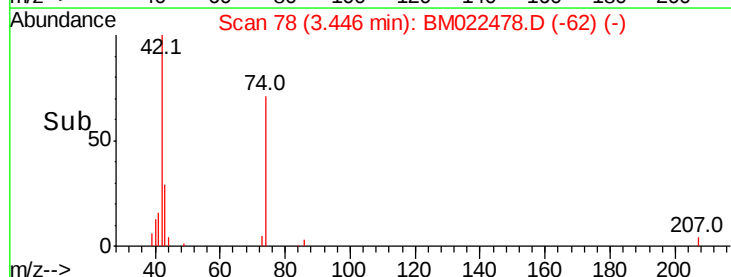
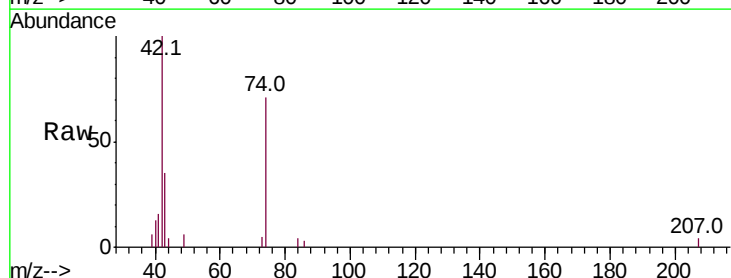
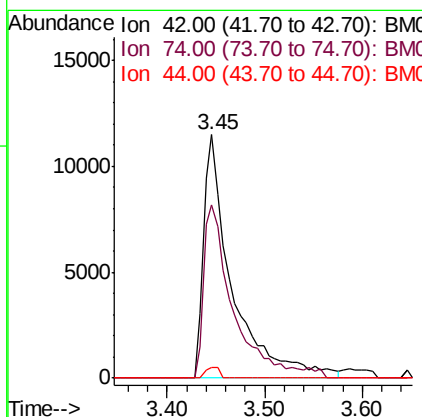
RT: 3.45 min Scan# 78

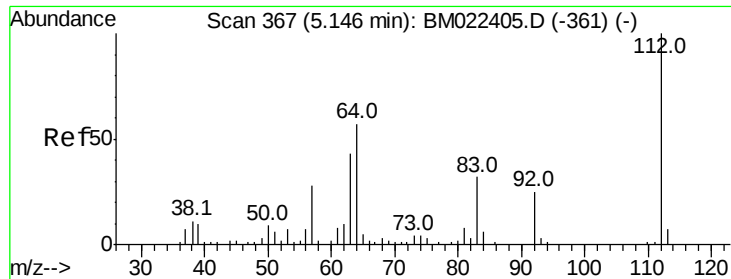
Delta R.T. -0.01 min

Lab File: BM022478.D

Acq: 01 Sep 2019 15:44

Tgt Ion:	42	Resp:	23276
Ion Ratio	Lower	Upper	
42	100		
74	71.2	63.0	94.6
44	4.4	3.0	4.6





#5

2-Fluorophenol

Concen: 121.837 ng

RT: 5.13 min Scan# 364

Delta R.T. -0.00 min

Lab File: BM022478.D

Acq: 01 Sep 2019 15:44

Instrument :

BNA_M

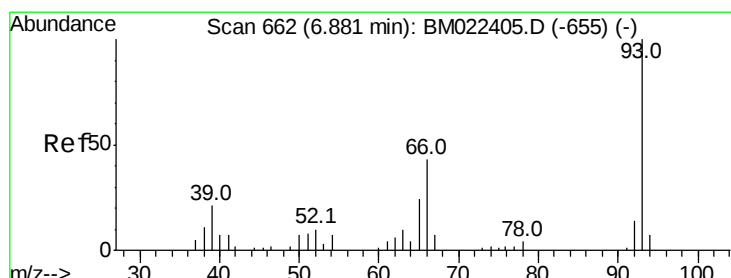
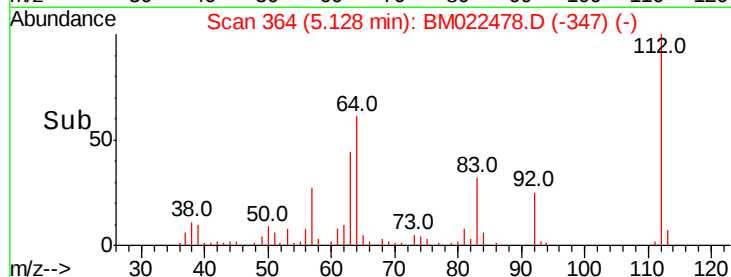
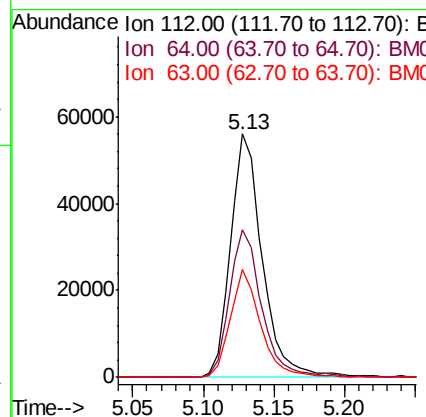
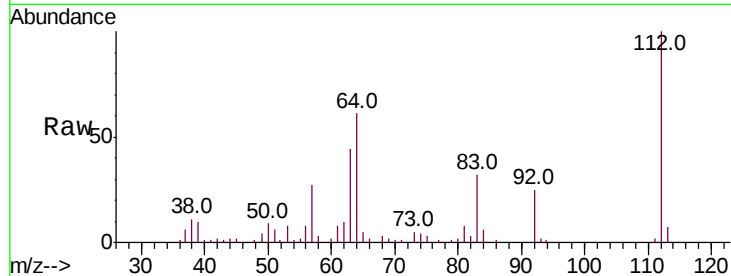
ClientSampleId :

TP1-COMPMSD

Tot Ion:	112	Resp:	87352
Ion Ratio	Lower	Upper	
112	100		
64	60.8	45.4	68.2
63	44.2	34.5	51.7

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#6

Aniline

Concen: 27.375 ng

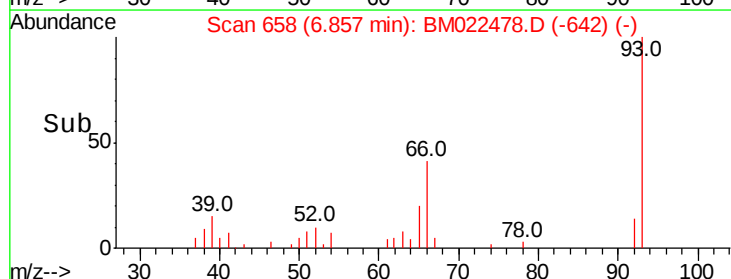
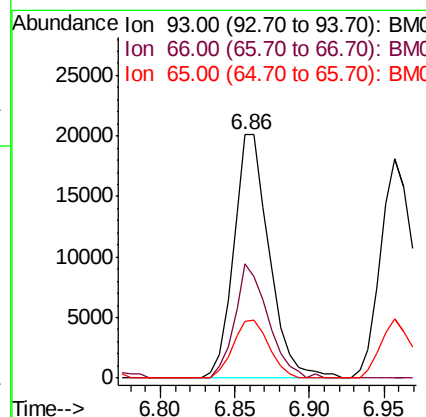
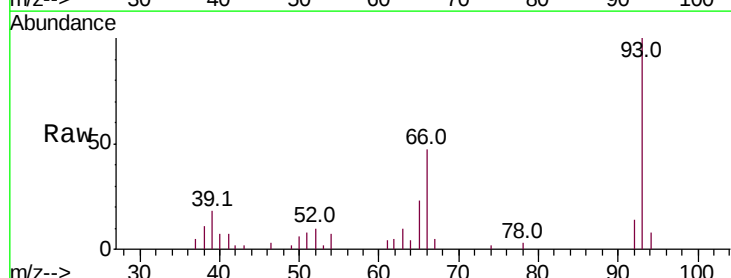
RT: 6.86 min Scan# 658

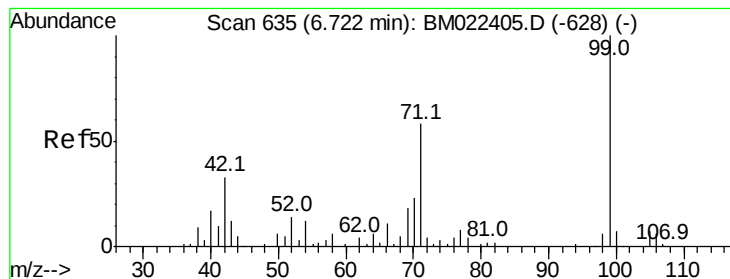
Delta R.T. -0.01 min

Lab File: BM022478.D

Acq: 01 Sep 2019 15:44

Tgt Ion:	93	Resp:	33449
Ion Ratio	Lower	Upper	
93	100		
66	46.8	34.7	52.1
65	23.3	18.8	28.2





#7

Phenol-d6

Concen: 119.900 ng

RT: 6.70 min Scan# 632

Delta R.T. -0.01 min

Lab File: BM022478.D

Acq: 01 Sep 2019 15:44

Instrument :

BNA_M

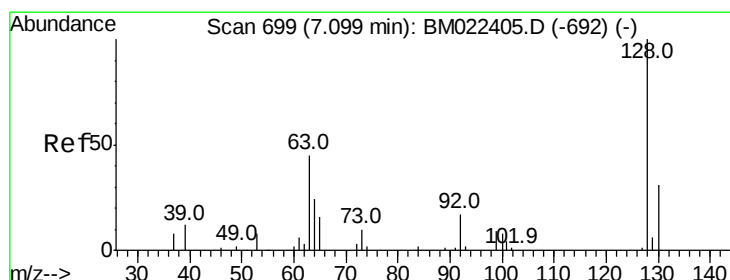
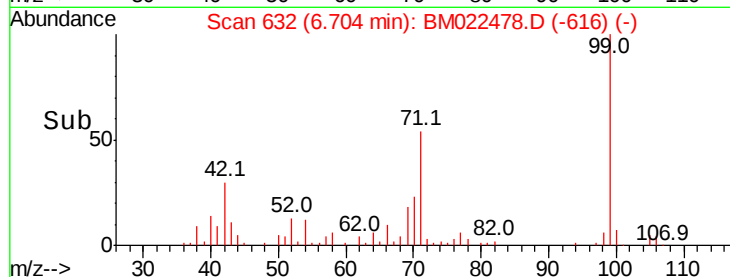
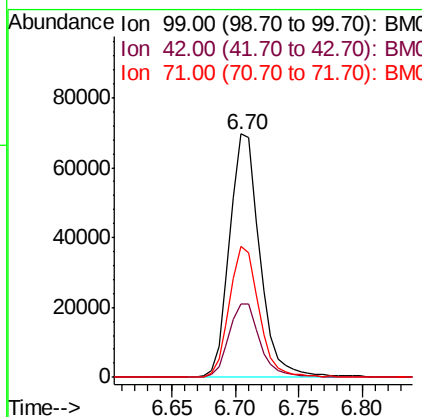
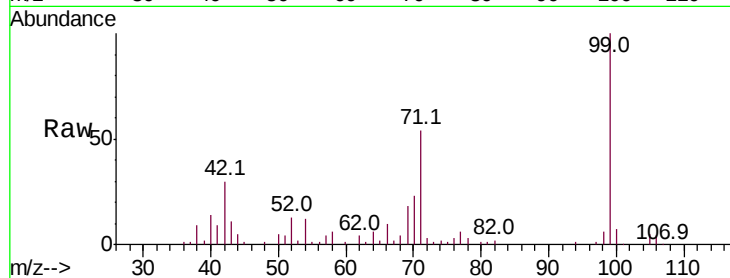
ClientSampleId :

TP1-COMPMSD

Tot Ion:	99	Resp:	114956
Ion Ratio	Lower	Upper	
99	100		
42	29.9	26.3	39.5
71	53.7	46.6	69.8

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#8

2-Chlorophenol

Concen: 41.044 ng

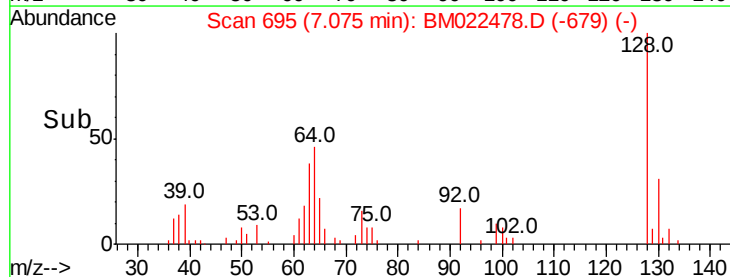
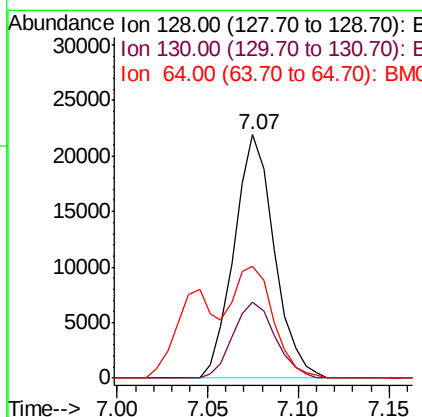
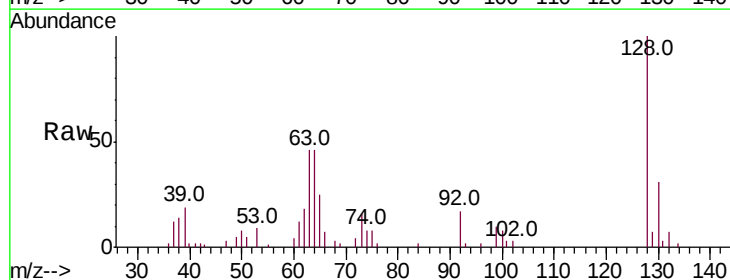
RT: 7.07 min Scan# 695

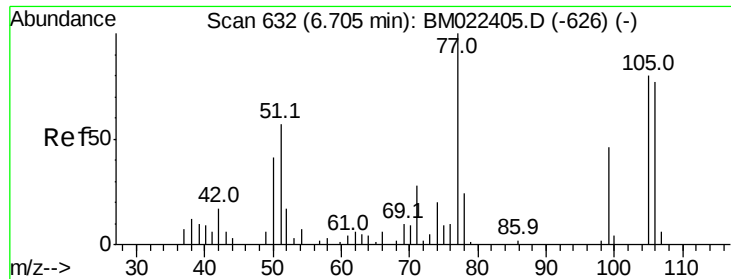
Delta R.T. -0.01 min

Lab File: BM022478.D

Acq: 01 Sep 2019 15:44

Tgt Ion:	128	Resp:	33871
Ion Ratio	Lower	Upper	
128	100		
130	31.4	11.5	51.5
64	46.1	26.7	66.7





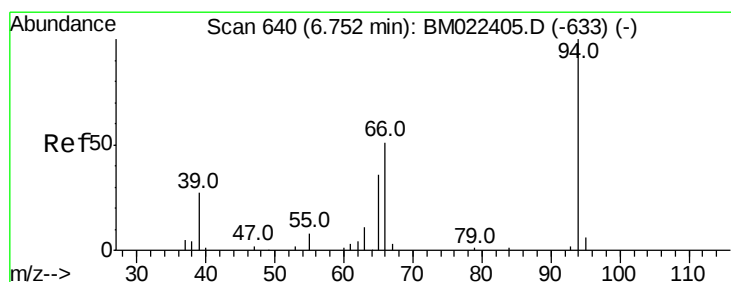
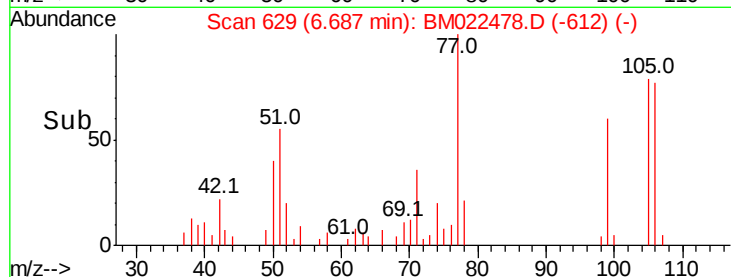
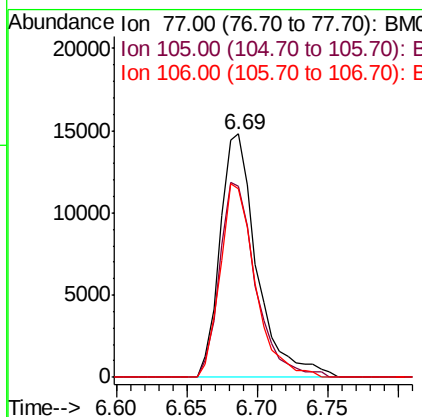
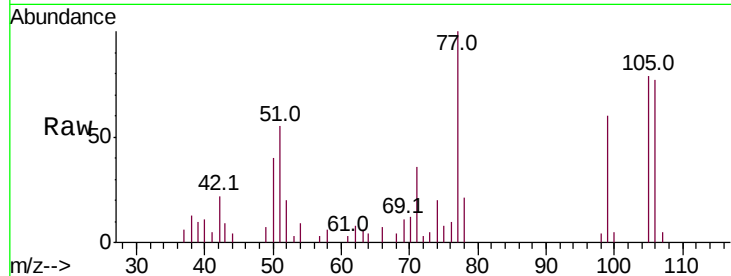
#9
Benzaldehyde
Concen: 44.940 ng
RT: 6.69 min Scan# 629
Delta R.T. -0.00 min
Lab File: BM022478.D
Acq: 01 Sep 2019 15:44

Instrument :
BNA_M
ClientSampleId :
TP1-COMPMSD

Tot Ion: 77 Resp: 26844
Ion Ratio Lower Upper
77 100
105 78.5 60.1 100.1
106 77.3 57.4 97.4

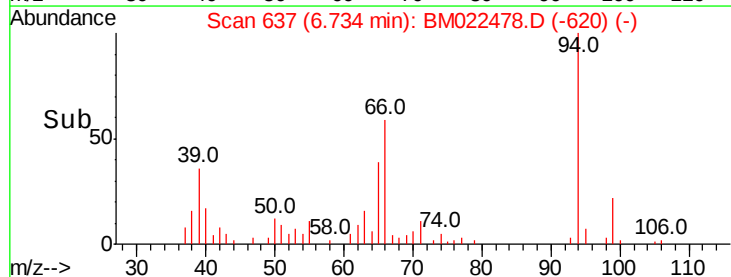
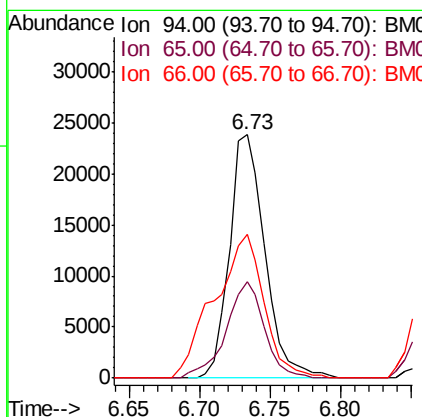
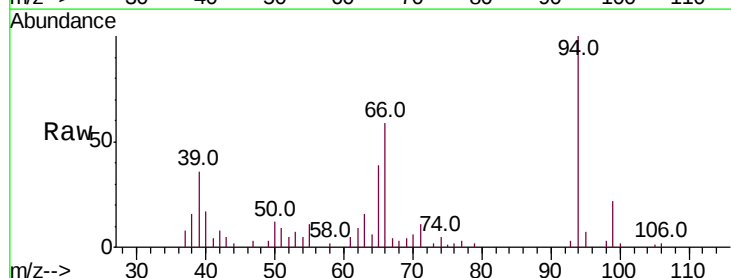
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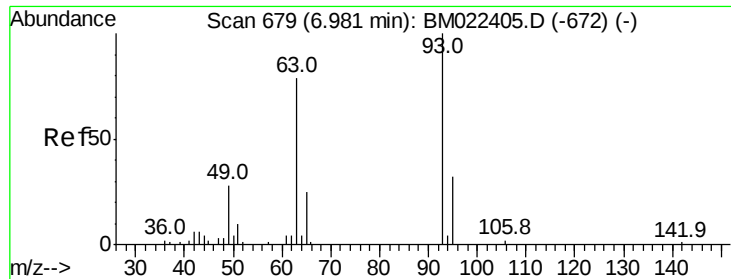
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#10
Phenol
Concen: 43.318 ng
RT: 6.73 min Scan# 637
Delta R.T. -0.00 min
Lab File: BM022478.D
Acq: 01 Sep 2019 15:44

Tgt Ion: 94 Resp: 41723
Ion Ratio Lower Upper
94 100
65 39.4 17.7 57.7
66 59.0 39.6 79.6





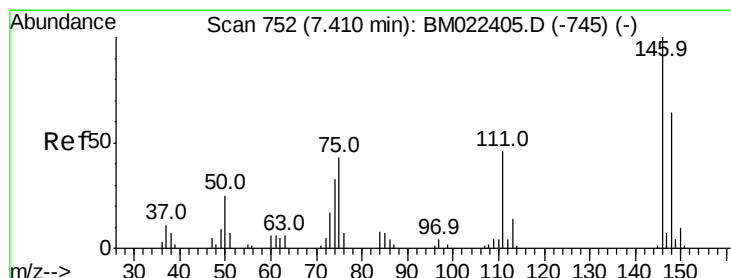
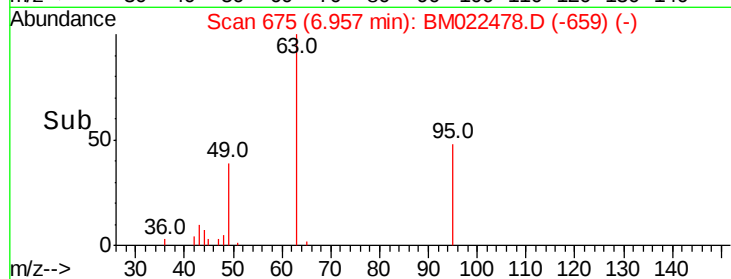
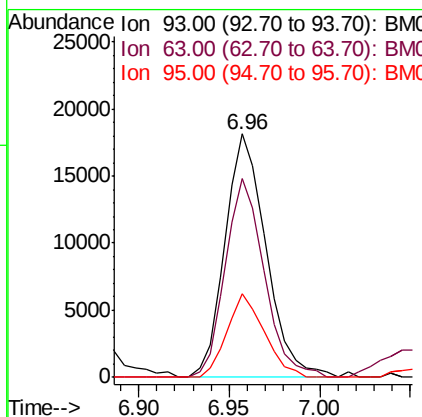
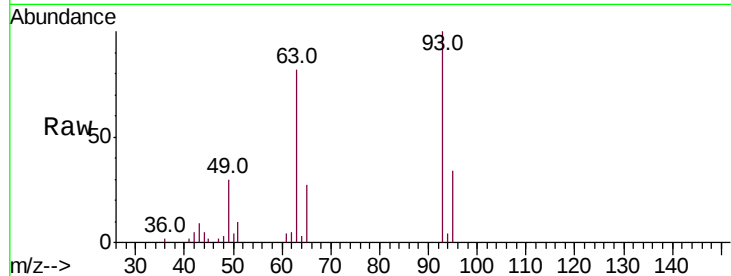
#11
bis(2-Chloroethyl)ether
Concen: 39.344 ng
RT: 6.96 min Scan# 675
Delta R.T. -0.01 min
Lab File: BM022478.D
Acq: 01 Sep 2019 15:44

Instrument :
BNA_M
ClientSampleId :
TP1-COMPMSD

Tot Ion:	93	Resp:	28599
Ion Ratio	Lower	Upper	
93	100		
63	81.6	59.1	99.1
95	34.1	12.0	52.0

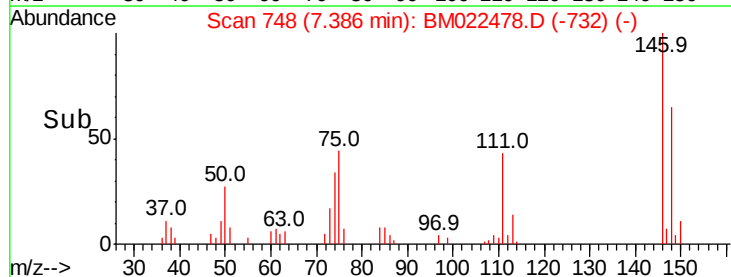
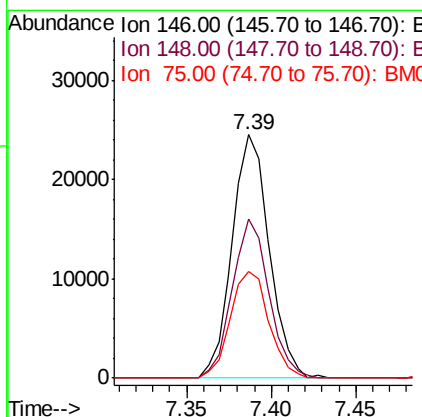
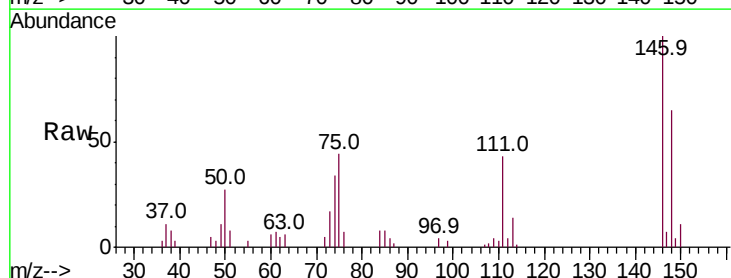
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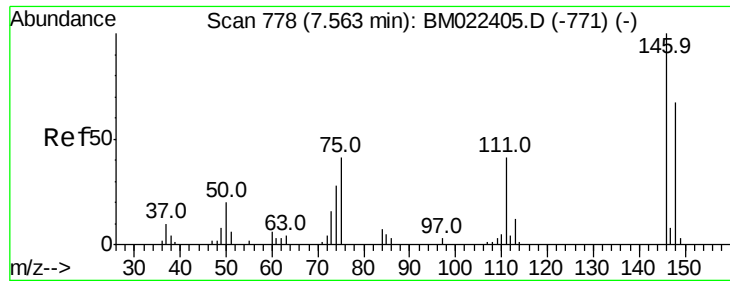
mohammad
9/6/2019 8:16:40 AM



#12
1,3-Dichlorobenzene
Concen: 37.534 ng
RT: 7.39 min Scan# 748
Delta R.T. -0.01 min
Lab File: BM022478.D
Acq: 01 Sep 2019 15:44

Tgt Ion:	146	Resp:	37583
Ion Ratio	Lower	Upper	
146	100		
148	65.1	51.5	77.3
75	44.0	34.6	52.0





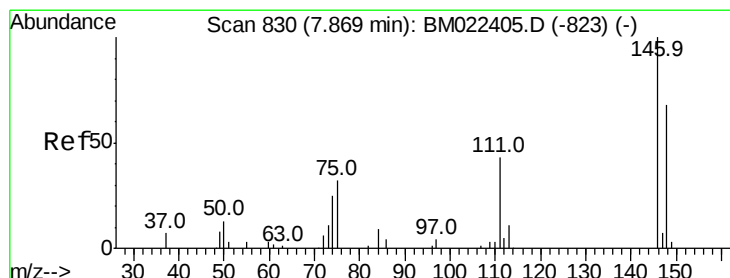
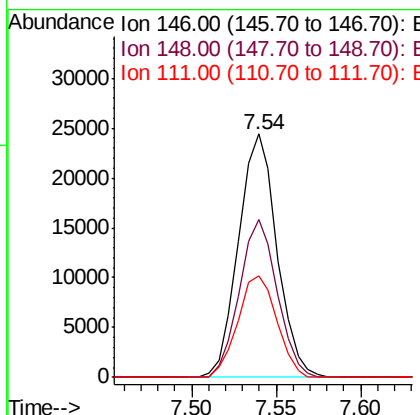
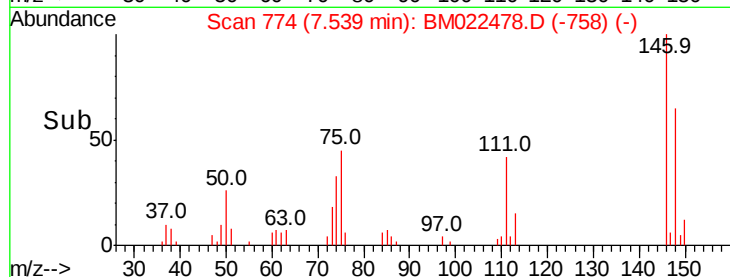
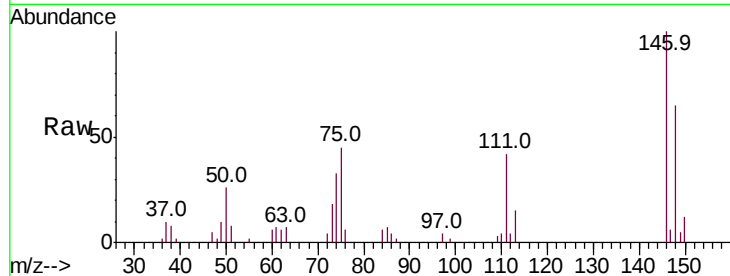
#13
 1,4-Dichlorobenzene
 Concen: 38.092 ng
 RT: 7.54 min Scan# 774
 Delta R.T. -0.01 min
 Lab File: BM022478.D
 Acq: 01 Sep 2019 15:44

Instrument :
 BNA_M
 ClientSampleId :
 TP1-COMPMSD

Tot Ion	Ratio	Lower	Upper
146	100		
148	64.9	53.4	80.0
111	41.8	33.5	50.3

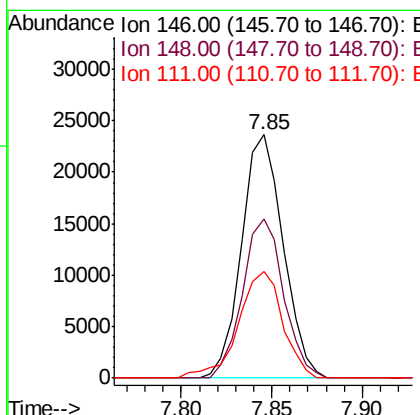
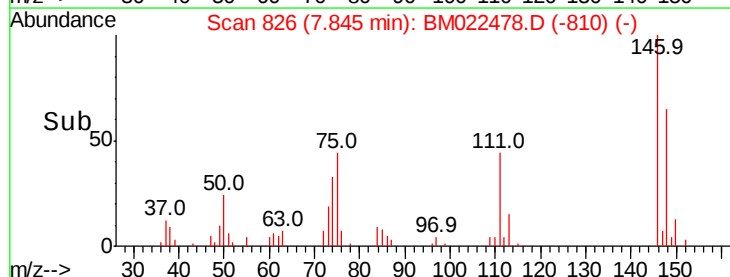
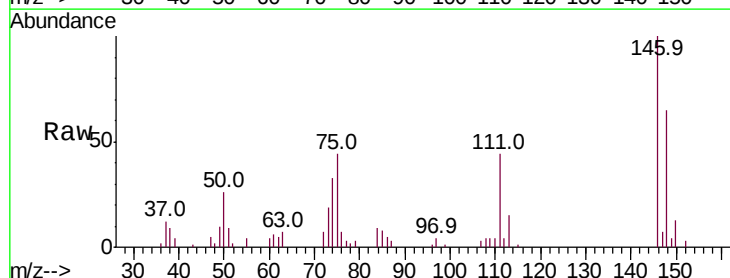
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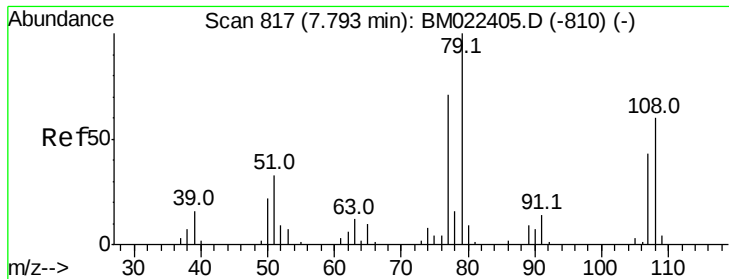
mohammad
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#14
 1,2-Dichlorobenzene
 Concen: 37.079 ng
 RT: 7.85 min Scan# 826
 Delta R.T. -0.01 min
 Lab File: BM022478.D
 Acq: 01 Sep 2019 15:44

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.4	54.7	82.1
111	43.6	36.7	55.1





#15

Benzyl Alcohol

Concen: 37.803 ng

RT: 7.77 min Scan# 814

Delta R.T. -0.00 min

Lab File: BM022478.D

Acq: 01 Sep 2019 15:44

Instrument :

BNA_M

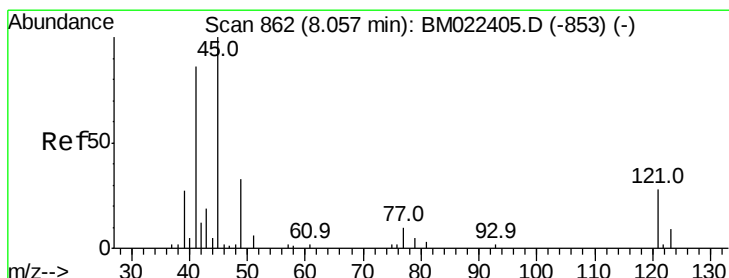
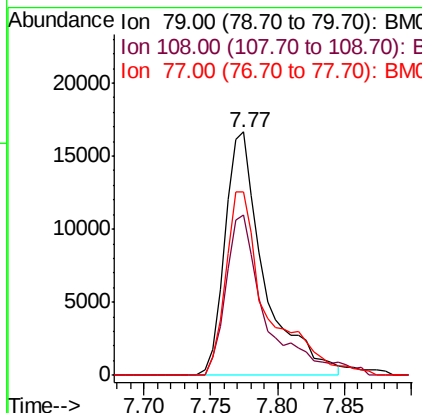
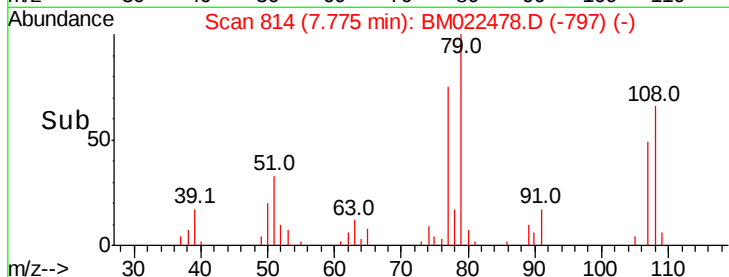
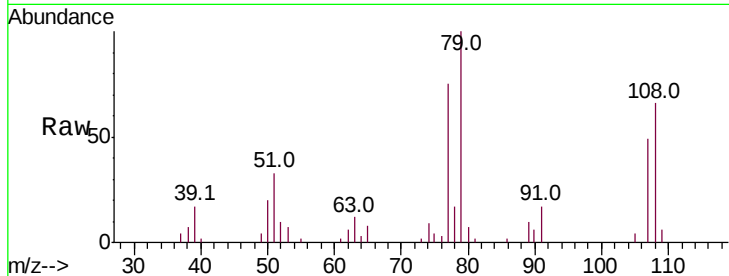
ClientSampleId :

TP1-COMPMSD

Tot Ion:	79	Resp:	34385
Ion	Ratio	Lower	Upper
79	100		
108	66.0	48.2	72.4
77	75.2	56.6	85.0

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 38.236 ng

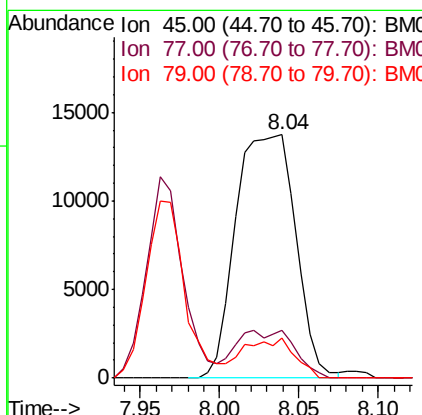
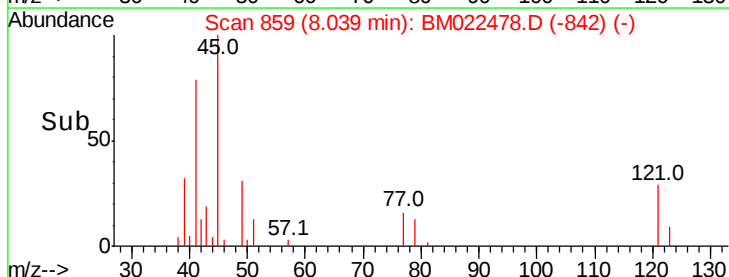
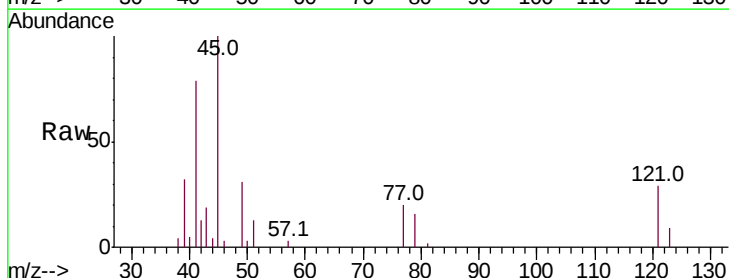
RT: 8.04 min Scan# 859

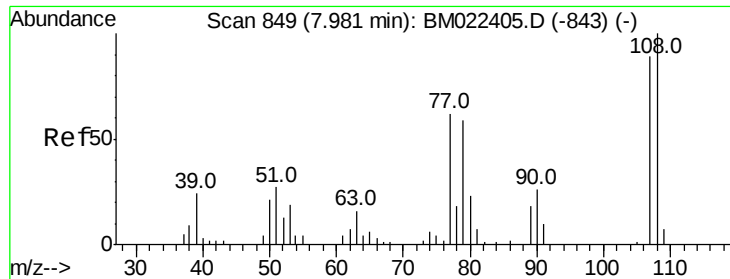
Delta R.T. -0.00 min

Lab File: BM022478.D

Acq: 01 Sep 2019 15:44

Tgt Ion:	45	Resp:	36018
Ion	Ratio	Lower	Upper
45	100		
77	19.8	0.4	40.4
79	16.3	0.0	35.6





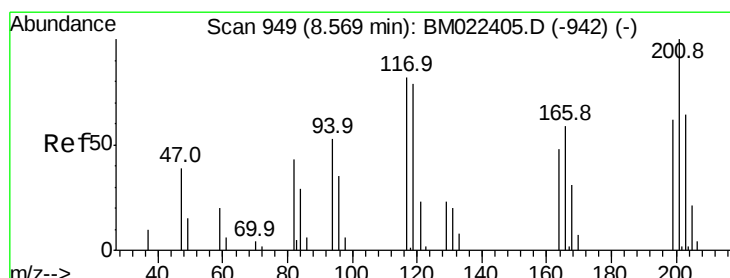
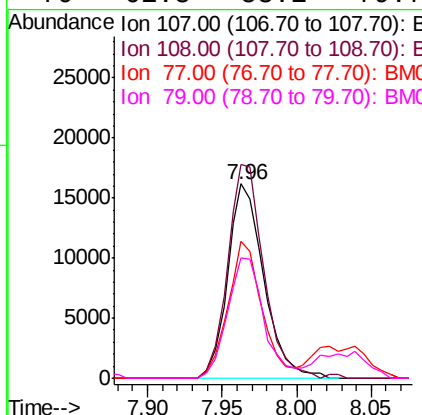
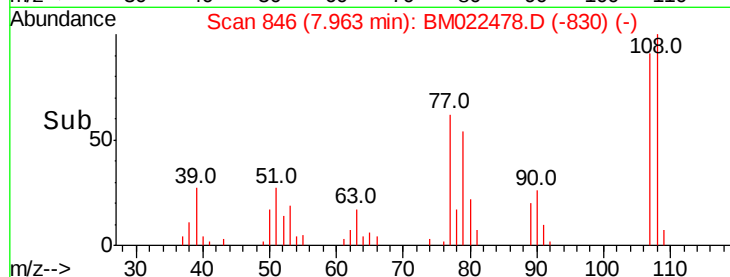
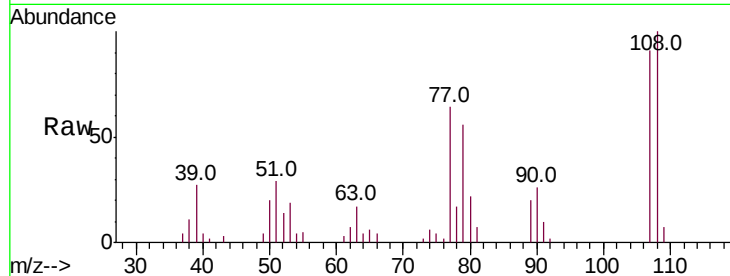
#17
2-Methylphenol
Concen: 39.100 ng
RT: 7.96 min Scan# 846
Delta R.T. -0.01 min
Lab File: BM022478.D
Acq: 01 Sep 2019 15:44

Instrument :
BNA_M
ClientSampleId :
TP1-COMPMSD

Tot Ion	107	Resp	27388
Ion Ratio	Lower	Upper	
107	100		
108	109.8	89.6	134.4
77	70.1	55.3	82.9
79	61.8	53.1	79.7

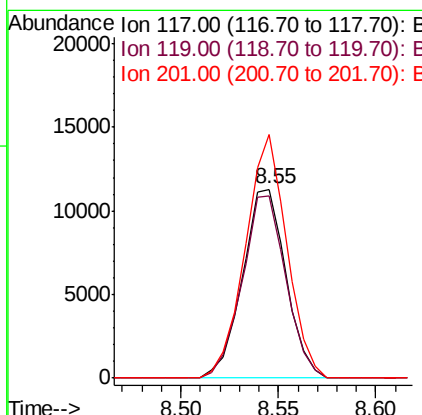
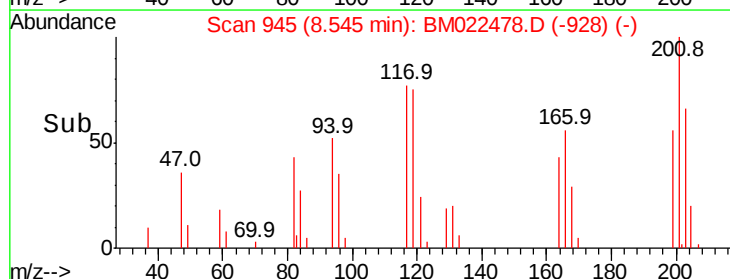
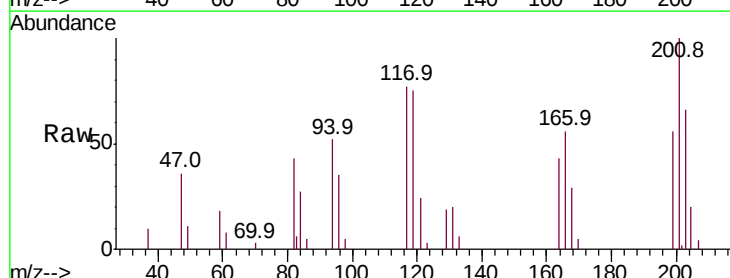
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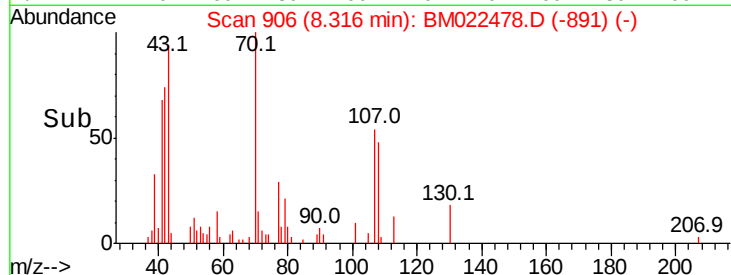
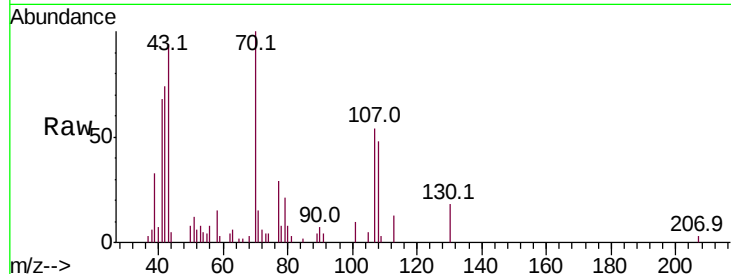
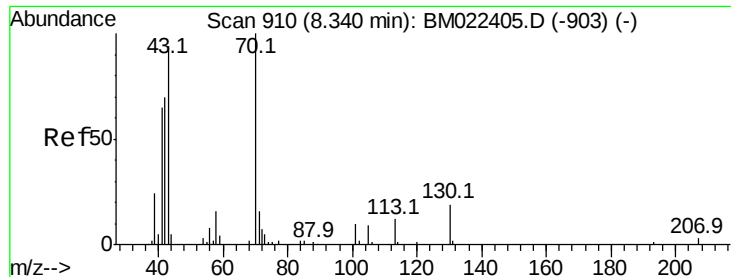
mohammad
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#18
Hexachloroethane
Concen: 36.926 ng
RT: 8.55 min Scan# 945
Delta R.T. -0.00 min
Lab File: BM022478.D
Acq: 01 Sep 2019 15:44

Tgt Ion	117	Resp	17370
Ion Ratio	Lower	Upper	
117	100		
119	96.8	77.4	116.0
201	131.7	99.6	149.4





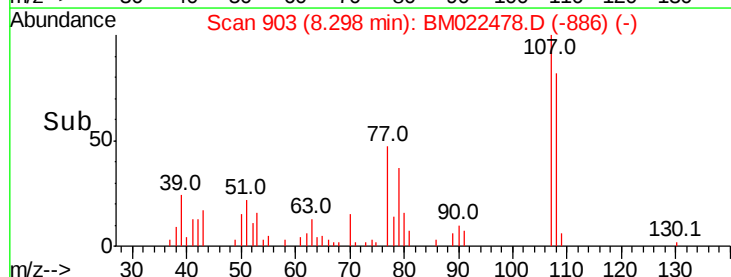
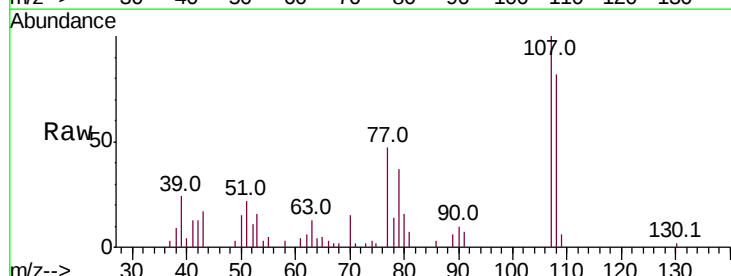
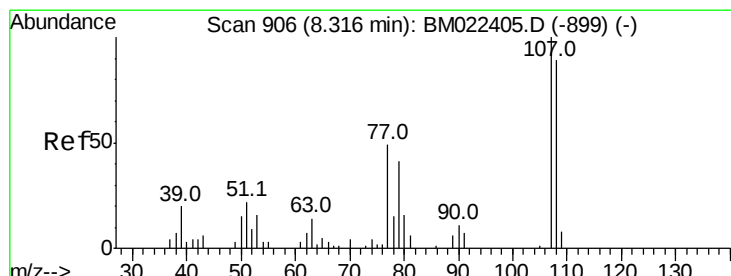
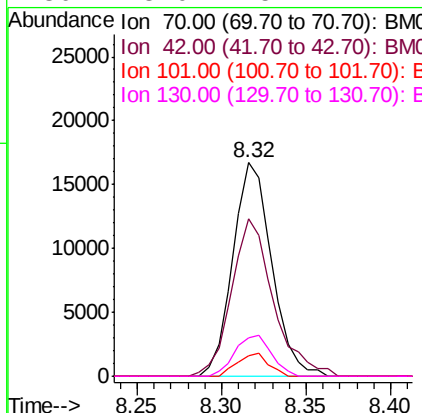
#19
n-Nitroso-di-n-propylamine
Concen: 36.081 ng
RT: 8.32 min Scan# 906
Delta R.T. -0.01 min
Lab File: BM022478.D
Acq: 01 Sep 2019 15:44

Instrument :
BNA_M
ClientSampleId :
TP1-COMPMSD

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	73.6	56.2	84.4	
101	9.7	7.6	11.4	
130	18.0	15.1	22.7	

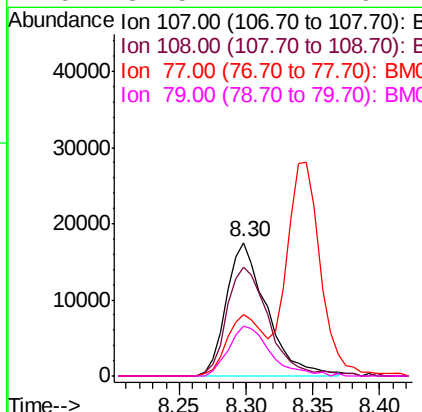
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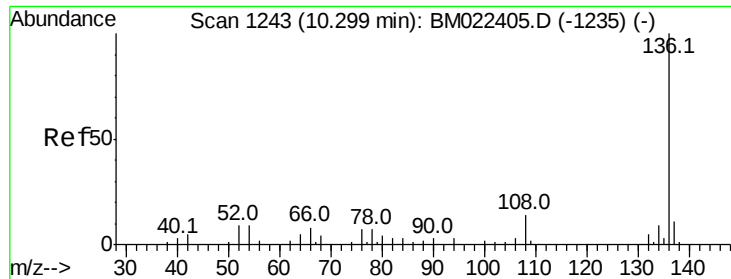
mohammad
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#20
3+4-Methylphenols
Concen: 38.724 ng
RT: 8.30 min Scan# 903
Delta R.T. -0.00 min
Lab File: BM022478.D
Acq: 01 Sep 2019 15:44

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	82.0	68.5	108.5	
77	46.5	29.0	69.0	
79	37.5	21.4	61.4	





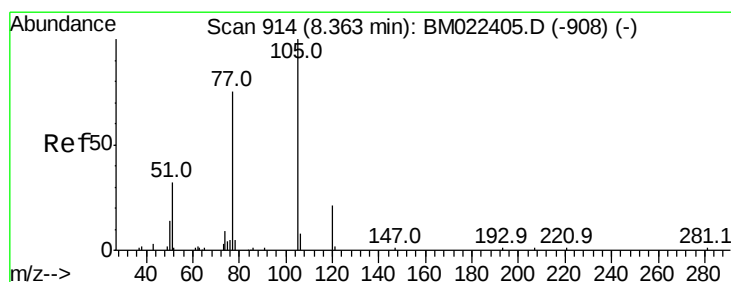
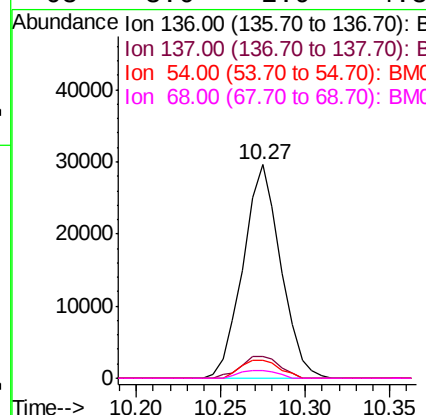
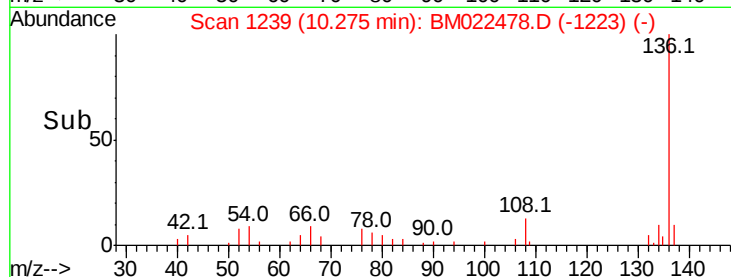
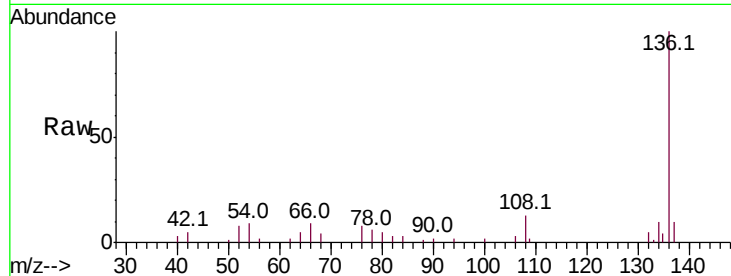
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.27 min Scan# 1239
Delta R.T. -0.01 min
Lab File: BM022478.D
Acq: 01 Sep 2019 15:44

Instrument :
BNA_M
ClientSampleId :
TP1-COMPMSD

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	10.0	8.6	13.0	
54	8.7	7.0	10.6	
68	3.6	2.9	4.3	

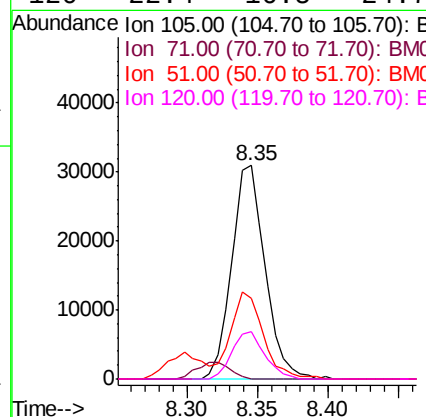
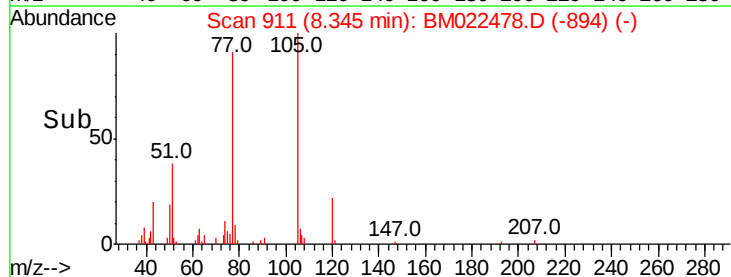
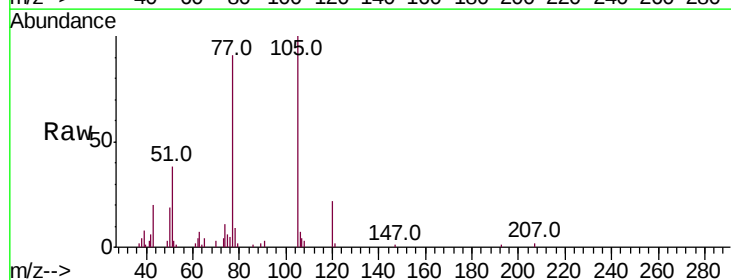
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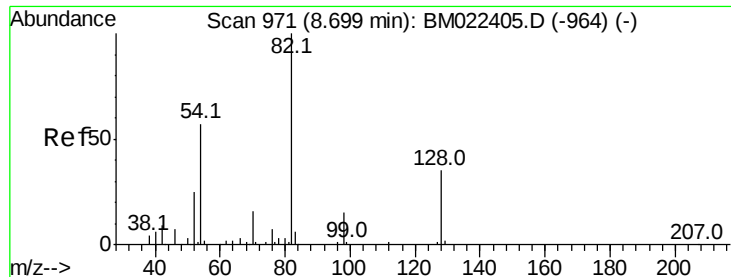
mohammad
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#22
Acetophenone
Concen: 40.082 ng
RT: 8.35 min Scan# 911
Delta R.T. -0.00 min
Lab File: BM022478.D
Acq: 01 Sep 2019 15:44

Tgt Ion	Ratio	Resp	Lower	Upper
105	100			
71	0.0	0.6	1.0#	
51	37.9	30.6	46.0	
120	22.4	16.5	24.7	





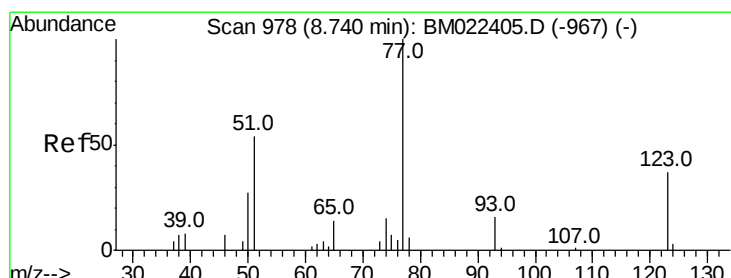
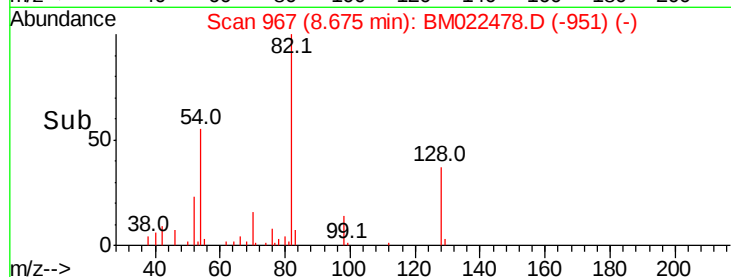
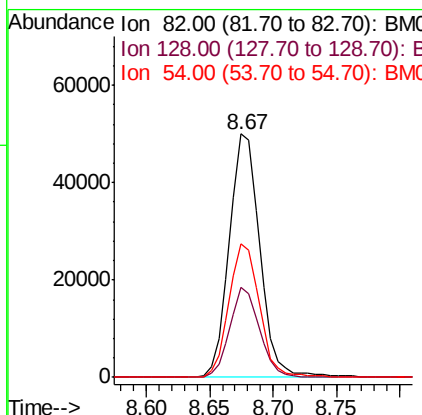
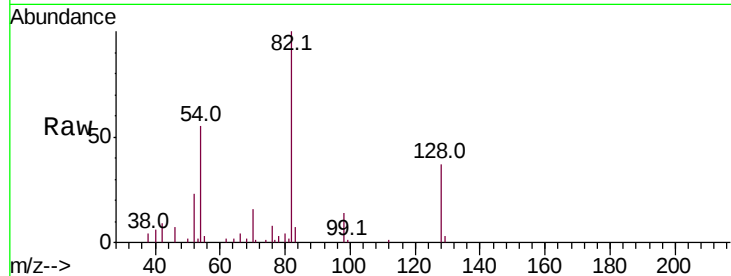
#23
Nitrobenzene-d5
Concen: 79.445 ng
RT: 8.67 min Scan# 967
Delta R.T. -0.01 min
Lab File: BM022478.D
Acq: 01 Sep 2019 15:44

Instrument :
BNA_M
ClientSampleId :
TP1-COMPMSD

Tot Ion	Ratio	Lower	Upper
82	100		
128	36.9	27.9	41.9
54	55.1	45.2	67.8

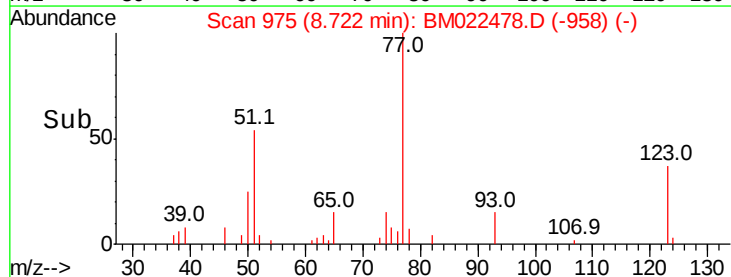
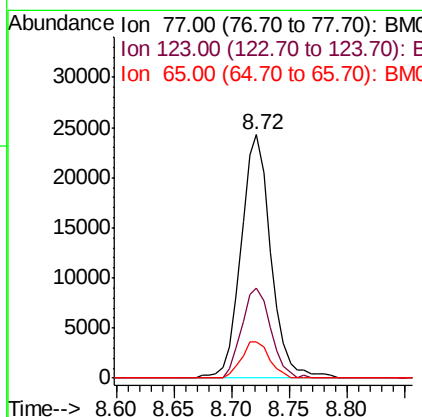
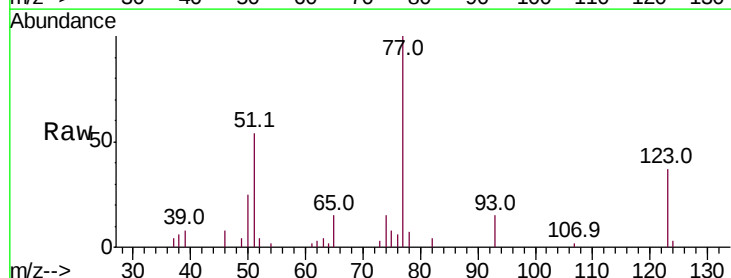
Manual Integrations
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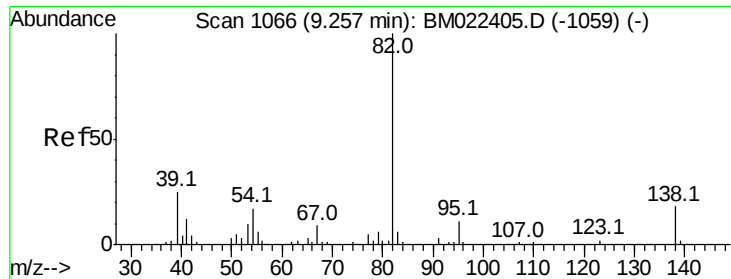
mohammad
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#24
Nitrobenzene
Concen: 43.049 ng
RT: 8.72 min Scan# 975
Delta R.T. -0.00 min
Lab File: BM022478.D
Acq: 01 Sep 2019 15:44

Tgt Ion	Ratio	Lower	Upper
77	100		
123	36.8	30.0	45.0
65	15.2	11.5	17.3





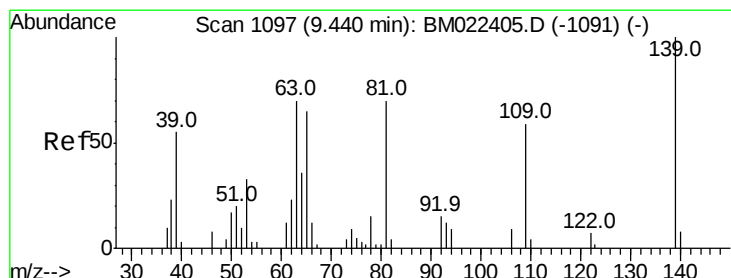
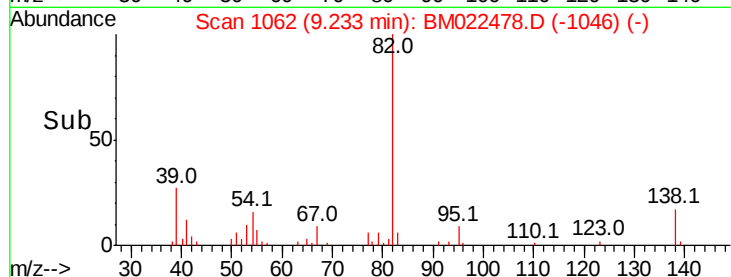
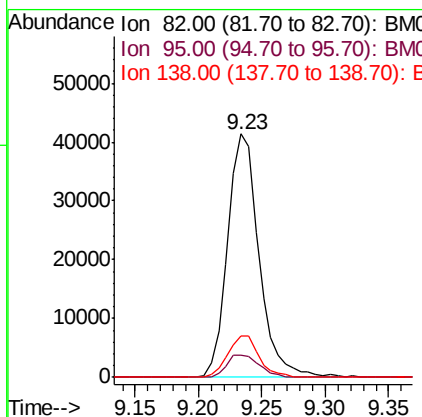
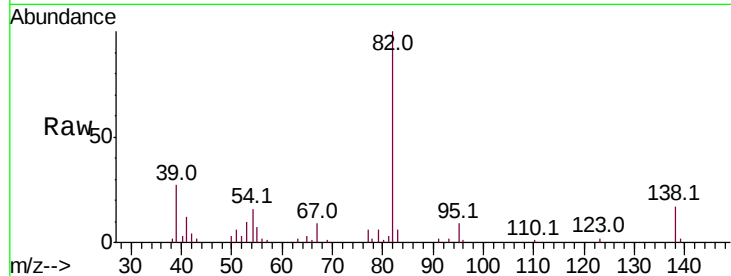
#25
Isophorone
Concen: 42.896 ng
RT: 9.23 min Scan# 1062
Delta R.T. -0.01 min
Lab File: BM022478.D
Acq: 01 Sep 2019 15:44

Instrument :
BNA_M
ClientSampleId :
TP1-COMPMSD

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
95	9.3	8.6	13.0	
138	16.8	14.4	21.6	

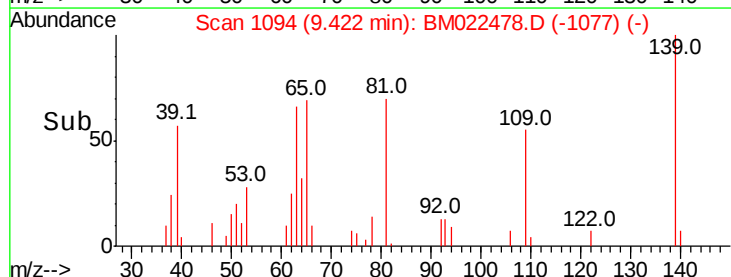
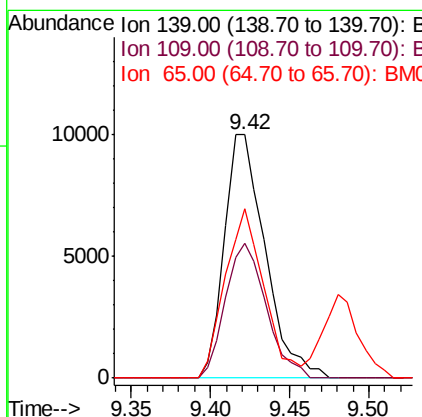
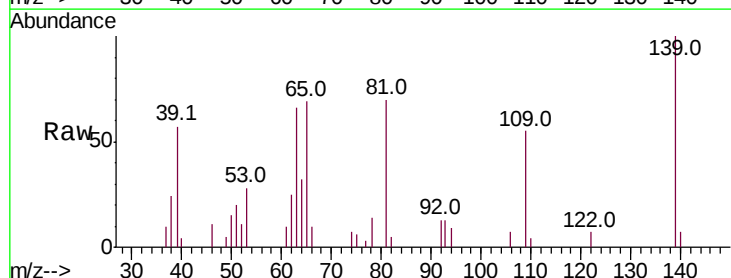
Manual Integrations
APPROVED

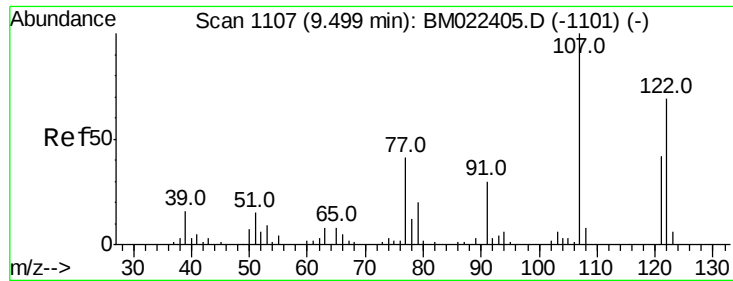
mohammad
9/6/2019 8:16:40 AM



#26
2-Nitrophenol
Concen: 44.038 ng
RT: 9.42 min Scan# 1094
Delta R.T. -0.00 min
Lab File: BM022478.D
Acq: 01 Sep 2019 15:44

Tgt Ion	Ratio	Resp	Lower	Upper
139	100			
109	55.2	47.0	70.4	
65	69.4	52.3	78.5	





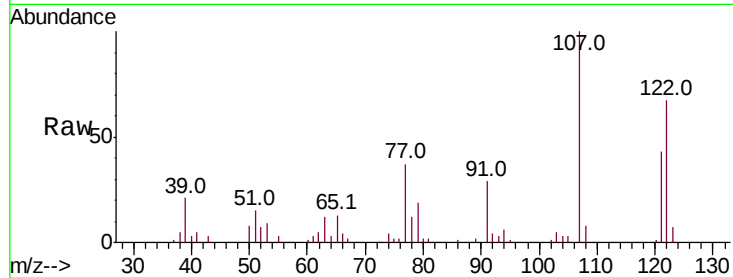
#27
 2,4-Dimethylphenol
 Concen: 50.668 ng
 RT: 9.48 min Scan# 1104
 Delta R.T. -0.01 min
 Lab File: BM022478.D
 Acq: 01 Sep 2019 15:44

Instrument :
 BNA_M
 ClientSampleId :
 TP1-COMPMSD

Tot Ion	Ratio	Lower	Upper
122	100		
107	149.7	116.2	174.4
121	64.7	49.1	73.7

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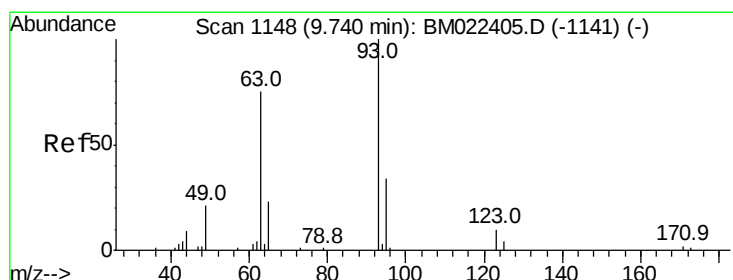
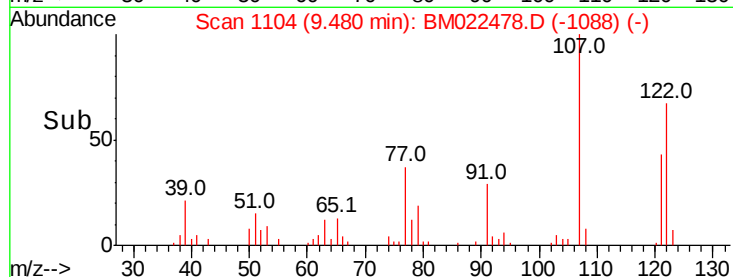
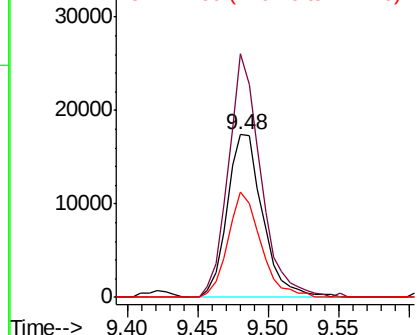


Abundance

Ion 122.00 (121.70 to 122.70): E

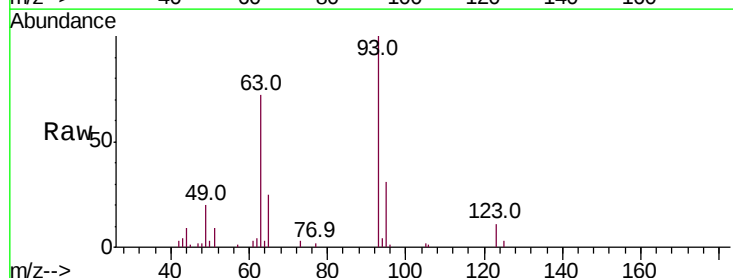
Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28
 bis(2-Chloroethoxy)methane
 Concen: 40.657 ng
 RT: 9.72 min Scan# 1144
 Delta R.T. -0.01 min
 Lab File: BM022478.D
 Acq: 01 Sep 2019 15:44

Tgt Ion	Ratio	Lower	Upper
93	100		
95	31.2	27.5	41.3
123	10.9	9.6	14.4

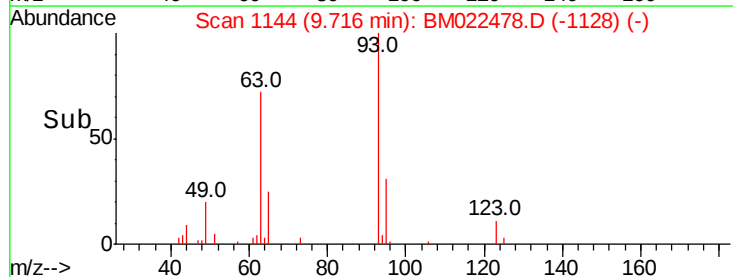
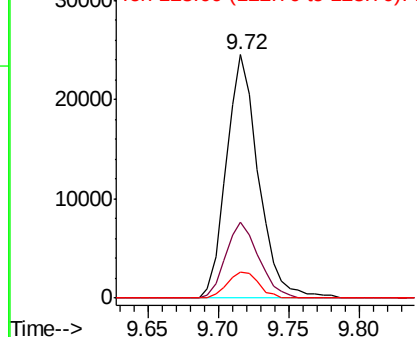


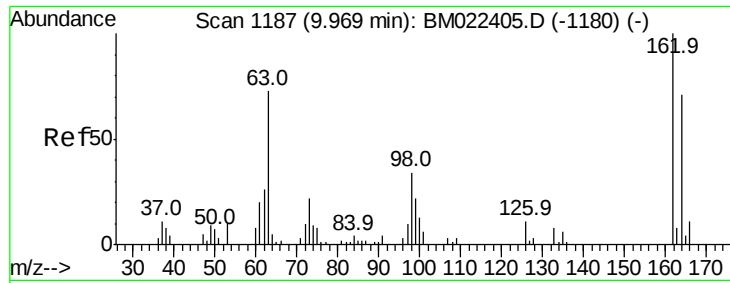
Abundance

Ion 93.00 (92.70 to 93.70): BM0

Ion 95.00 (94.70 to 95.70): BM0

Ion 123.00 (122.70 to 123.70): E





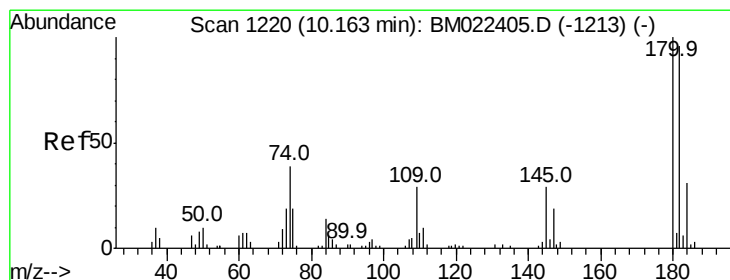
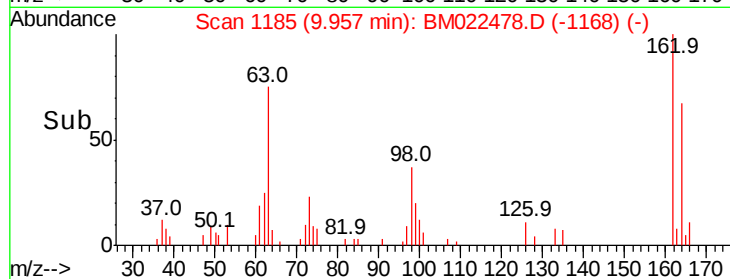
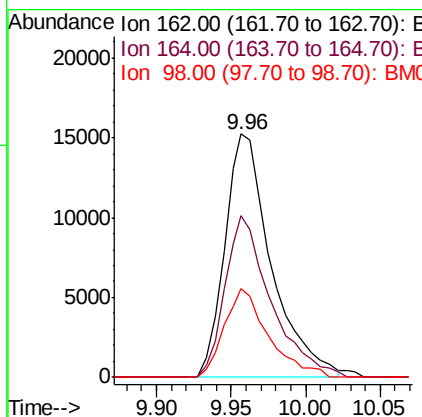
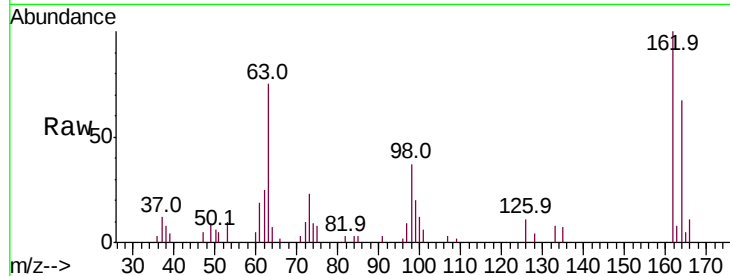
#29
 2,4-Dichlorophenol
 Concen: 41.778 ng
 RT: 9.96 min Scan# 1185
 Delta R.T. -0.00 min
 Lab File: BM022478.D
 Acq: 01 Sep 2019 15:44

Instrument :
 BNA_M
 ClientSampleId :
 TP1-COMPMSD

Tot Ion	Ratio	Resp	Lower	Upper
162	100			
164	66.5	51.2	91.2	
98	36.6	14.1	54.1	

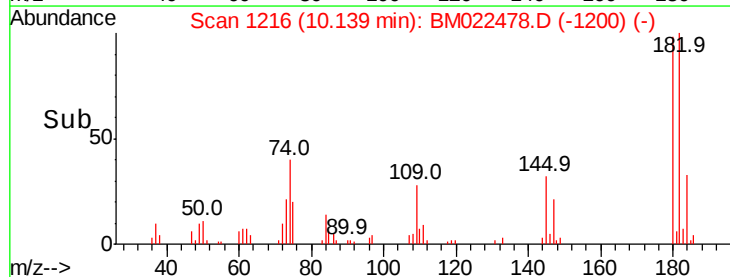
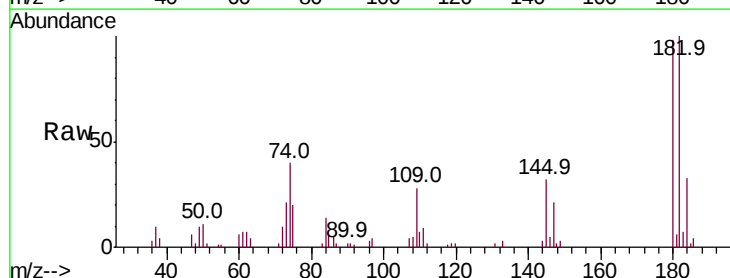
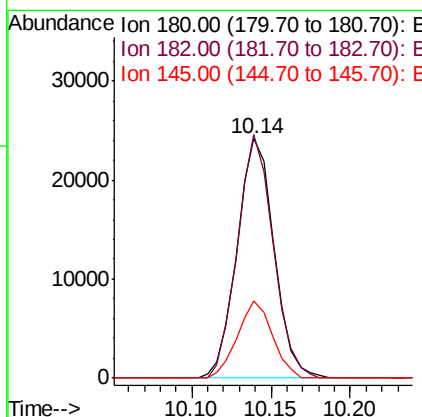
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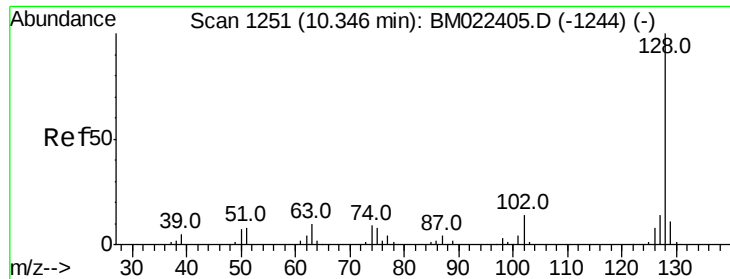
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#30
 1,2,4-Trichlorobenzene
 Concen: 38.871 ng
 RT: 10.14 min Scan# 1216
 Delta R.T. -0.01 min
 Lab File: BM022478.D
 Acq: 01 Sep 2019 15:44

Tgt Ion	Ratio	Resp	Lower	Upper
180	100			
182	101.6	77.0	115.4	
145	32.2	23.0	34.6	





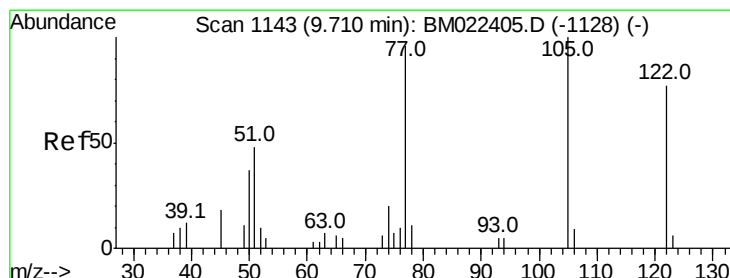
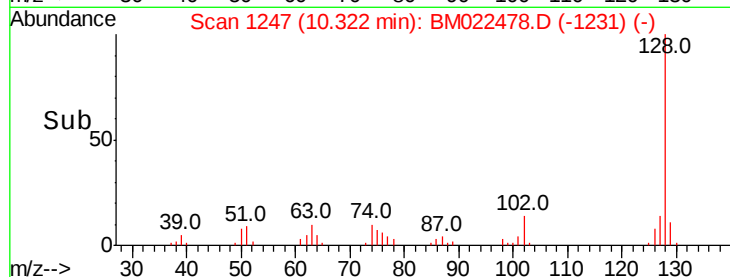
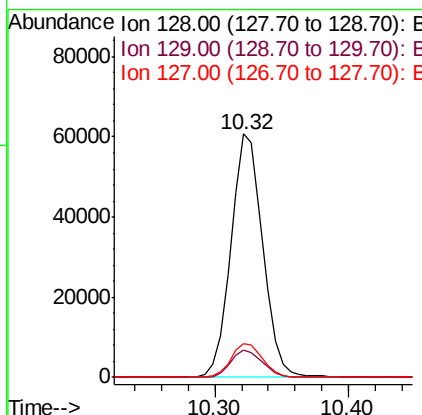
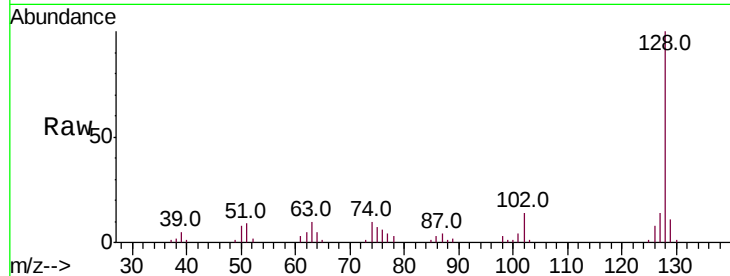
#31
Naphthalene
Concen: 41.974 ng
RT: 10.32 min Scan# 1247
Delta R.T. -0.01 min
Lab File: BM022478.D
Acq: 01 Sep 2019 15:44

Instrument :
BNA_M
ClientSampleId :
TP1-COMPMSD

Tot Ion	Ratio	Resp	Lower	Upper
128	100			
129	11.2	9.0	13.4	
127	13.9	11.0	16.4	

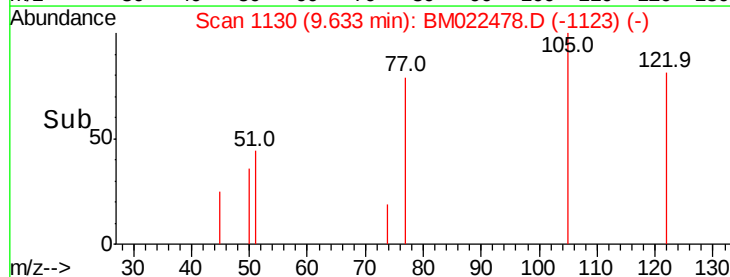
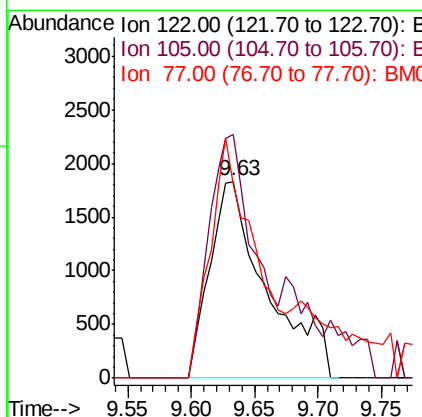
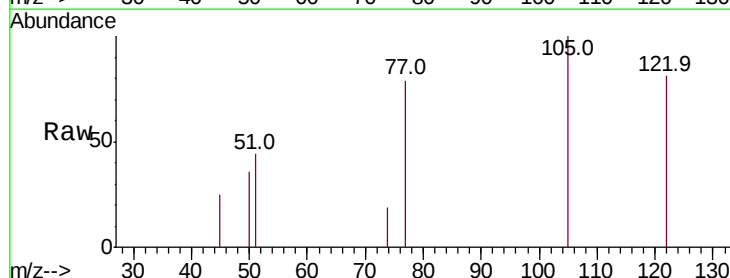
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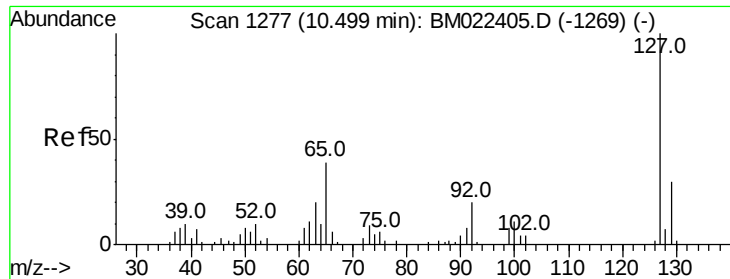
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#32
Benzoic acid
Concen: 12.046 ng
RT: 9.63 min Scan# 1130
Delta R.T. -0.06 min
Lab File: BM022478.D
Acq: 01 Sep 2019 15:44

Tgt Ion	Ratio	Resp	Lower	Upper
122	100			
105	123.9	109.3	149.3	
77	98.3	105.5	145.5	





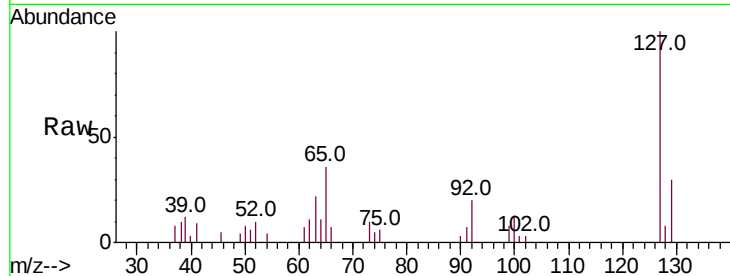
#33
 4-Chloroaniline
 Concen: 19.994 ng
 RT: 10.48 min Scan# 1274
 Delta R.T. -0.00 min
 Lab File: BM022478.D
 Acq: 01 Sep 2019 15:44

Instrument :
 BNA_M
 ClientSampleId :
 TP1-COMPMSD

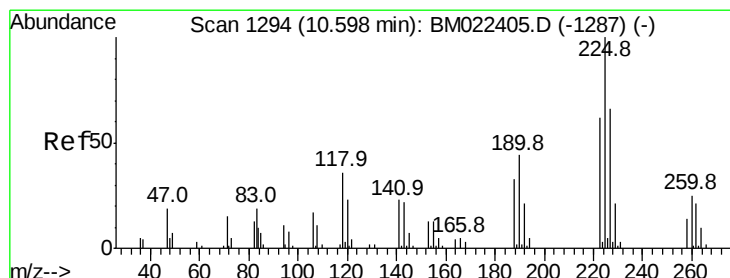
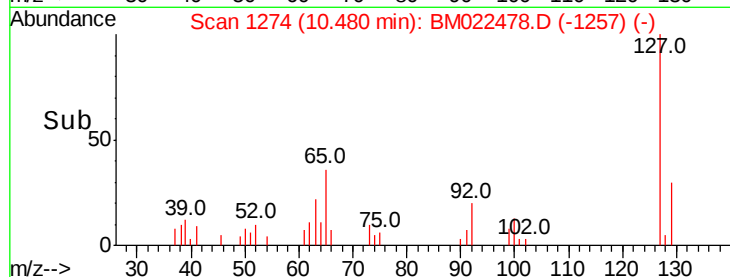
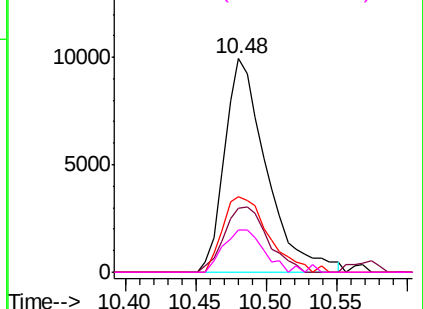
Tot Ion	Ratio	Lower	Upper
127	100		
129	29.7	24.2	36.2
65	35.7	31.0	46.4
92	19.8	16.4	24.6

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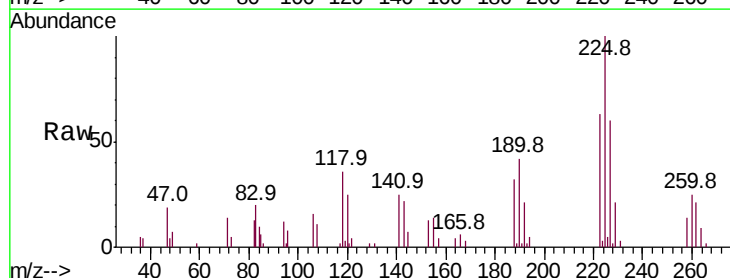


Abundance Ion 127.00 (126.70 to 127.70): E
 Ion 129.00 (128.70 to 129.70): E
 Ion 65.00 (64.70 to 65.70): BM
 Ion 92.00 (91.70 to 92.70): BM

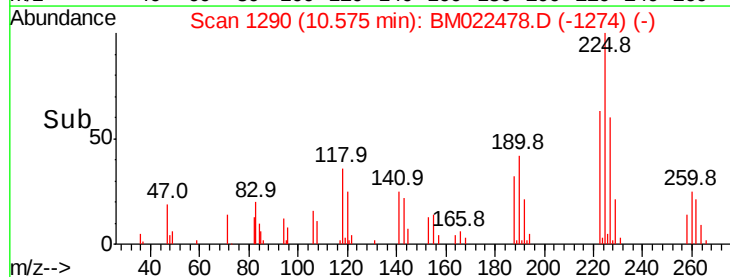
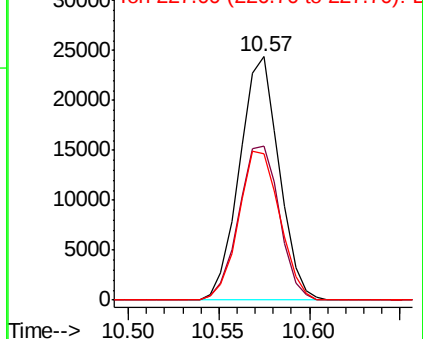


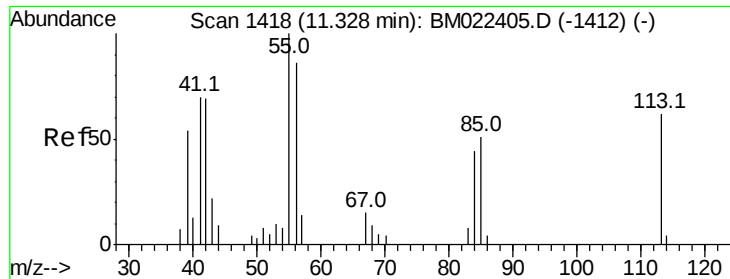
#34
 Hexachlorobutadiene
 Concen: 37.180 ng
 RT: 10.57 min Scan# 1290
 Delta R.T. -0.01 min
 Lab File: BM022478.D
 Acq: 01 Sep 2019 15:44

Tgt Ion	Ratio	Lower	Upper
225	100		
223	60.6	49.3	73.9
227	59.7	52.6	79.0



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: 45.682 ng/ml

RT: 11.33 min Scan# 1419

Delta R.T. 0.01 min

Lab File: BM022478.D

Acq: 01 Sep 2019 15:44

Instrument :

BNA_M

ClientSampleId :

TP1-COMPMSD

Tot Ion:113 Resp: 9189

Ion Ratio Lower Upper

113 100

55 124.5 140.0 180.0#

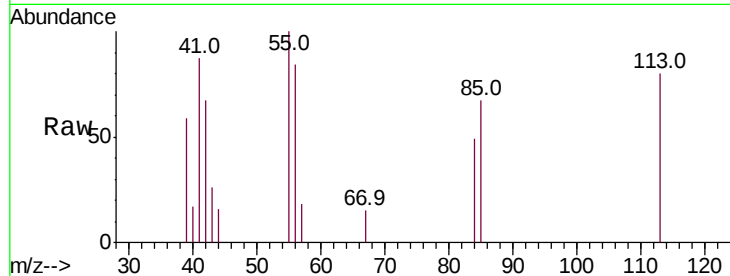
56 104.6 117.6 157.6#

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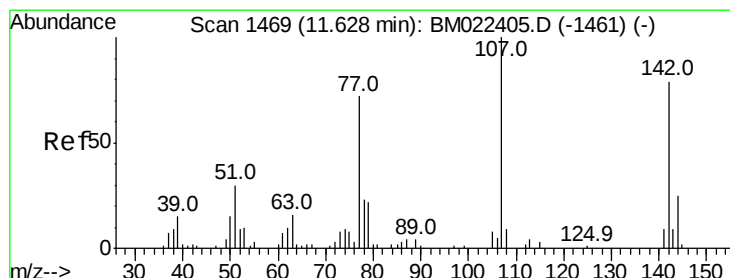
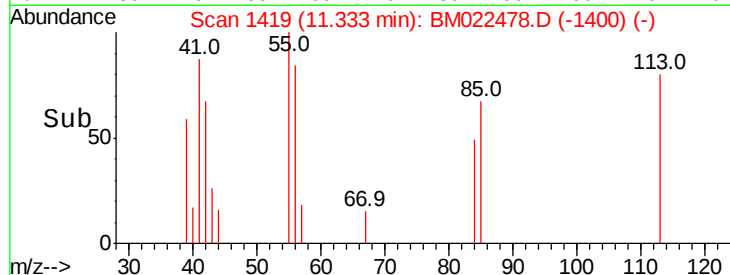
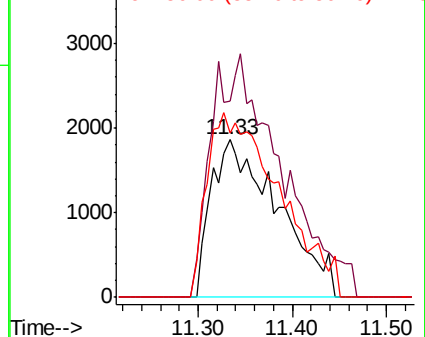


Abundance

Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BM

Ion 56.00 (55.70 to 56.70): BM



#36

4-Chloro-3-methylphenol

Concen: 42.106 ng/ml

RT: 11.61 min Scan# 1466

Delta R.T. -0.00 min

Lab File: BM022478.D

Acq: 01 Sep 2019 15:44

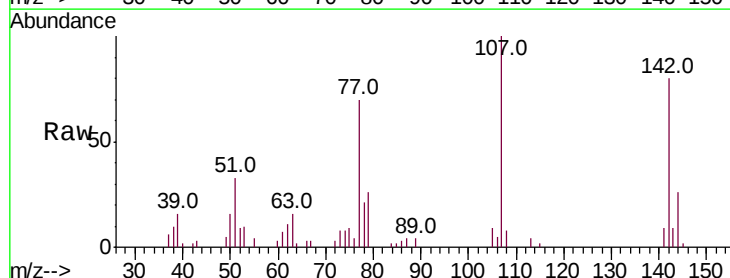
Tgt Ion:107 Resp: 35121

Ion Ratio Lower Upper

107 100

144 25.8 19.8 29.6

142 80.1 63.1 94.7

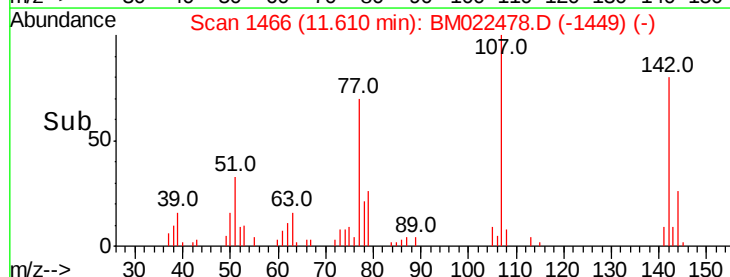
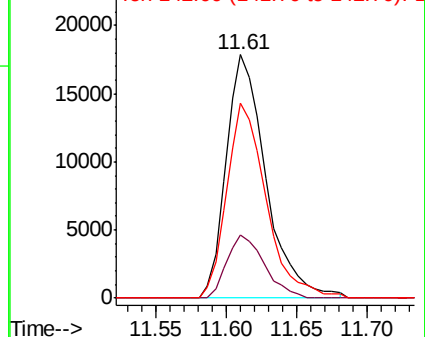


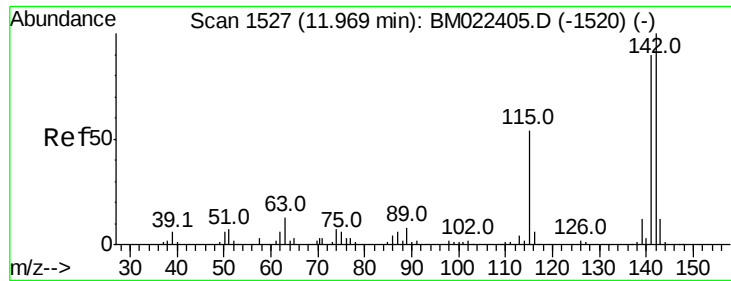
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





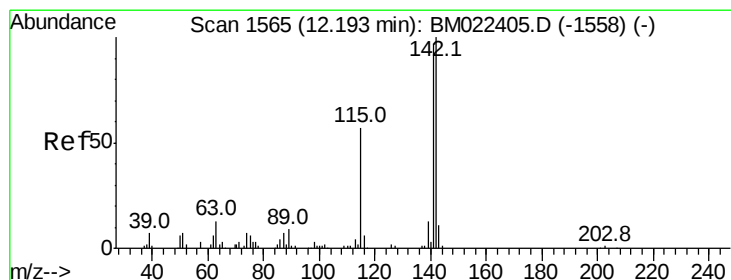
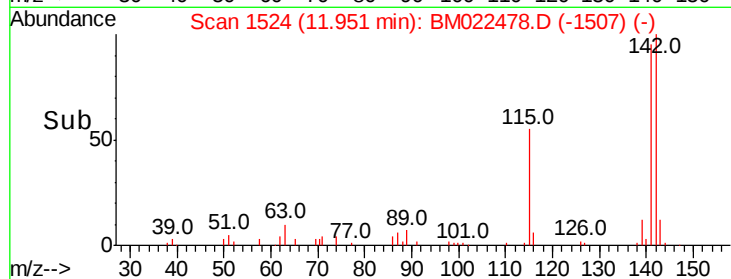
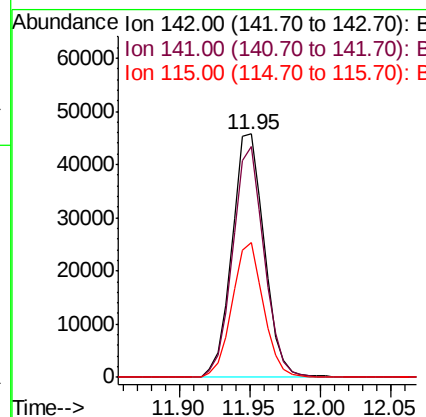
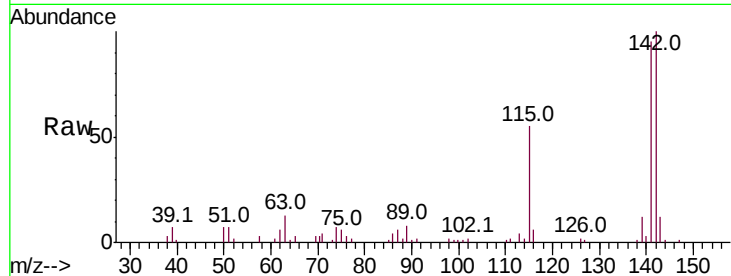
#37
 2-Methylnaphthalene
 Concen: 40.133 ng
 RT: 11.95 min Scan# 1524
 Delta R.T. -0.00 min
 Lab File: BM022478.D
 Acq: 01 Sep 2019 15:44

Instrument :
 BNA_M
 ClientSampleId :
 TP1-COMPMSD

Tot Ion	Ratio	Lower	Upper
142	100		
141	95.0	72.2	108.2
115	55.1	43.2	64.8

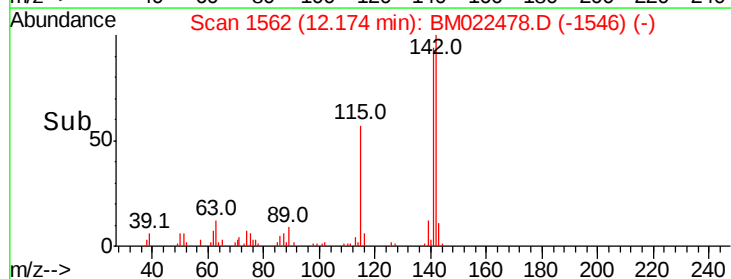
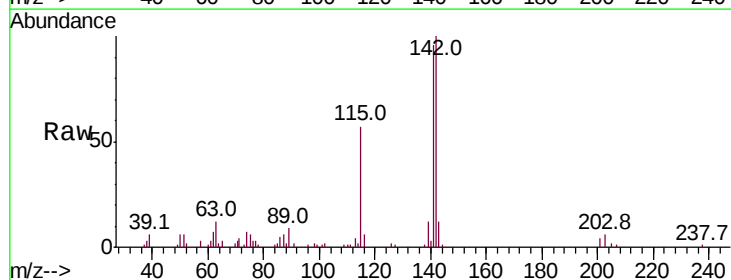
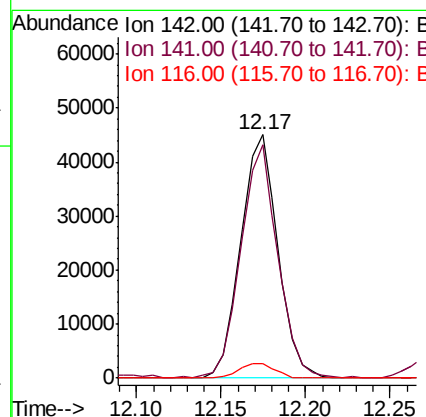
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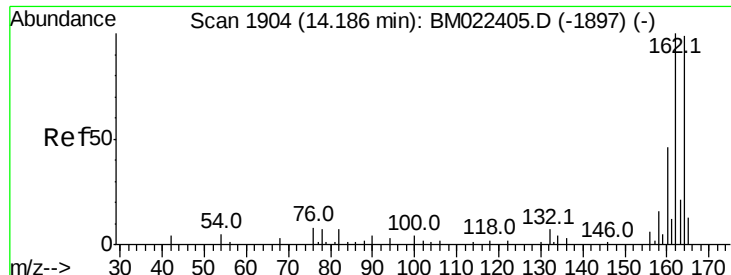
mohammad
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#38
 1-Methylnaphthalene
 Concen: 39.152 ng
 RT: 12.17 min Scan# 1562
 Delta R.T. -0.01 min
 Lab File: BM022478.D
 Acq: 01 Sep 2019 15:44

Tgt Ion	Ratio	Lower	Upper
142	100		
141	95.7	77.3	115.9
116	6.0	4.9	7.3





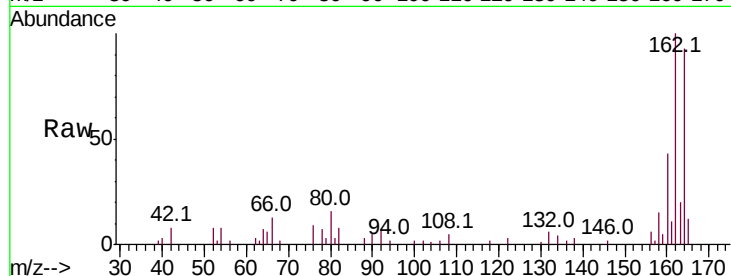
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.17 min Scan# 1901
 Delta R.T. -0.00 min
 Lab File: BM022478.D
 Acq: 01 Sep 2019 15:44

Instrument :
 BNA_M
 ClientSampleId :
 TP1-COMPMSD

Tot Ion	Ratio	Lower	Upper
164	100		
162	108.1	80.6	121.0
160	46.5	37.3	55.9

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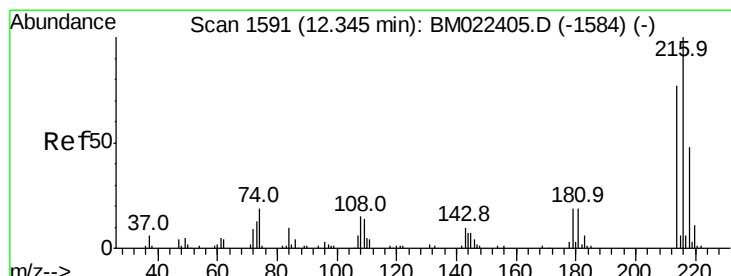
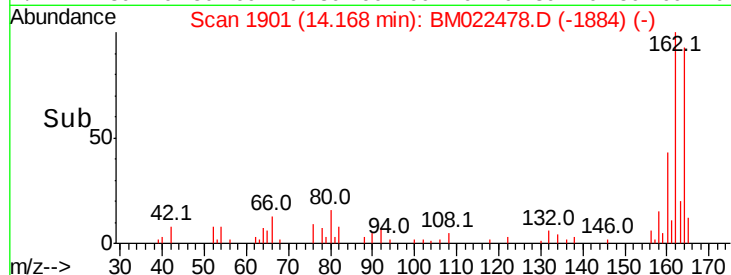
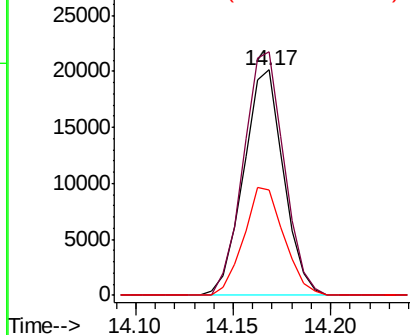


Abundance

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: 42.508 ng
 RT: 12.33 min Scan# 1588
 Delta R.T. -0.00 min
 Lab File: BM022478.D
 Acq: 01 Sep 2019 15:44

Tgt Ion	Ratio	Lower	Upper
216	100		
214	76.4	61.0	91.4
179	18.7	15.2	22.8
108	15.6	12.9	19.3

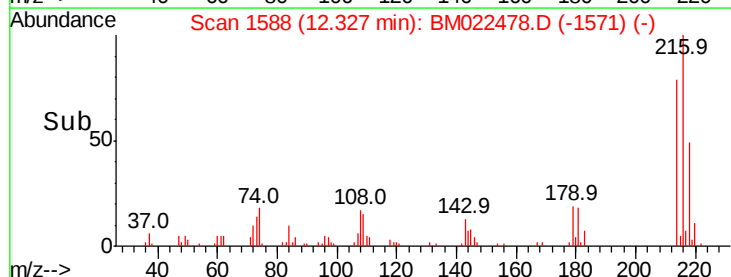
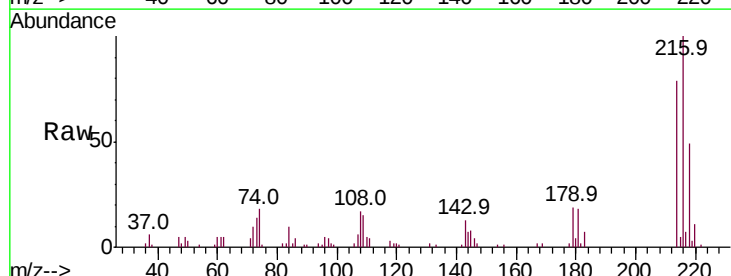
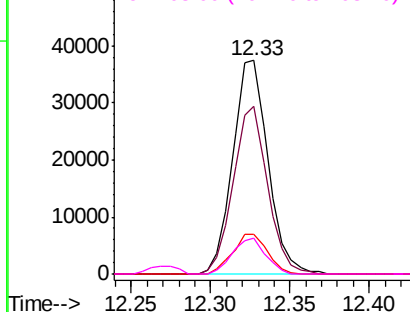
Abundance

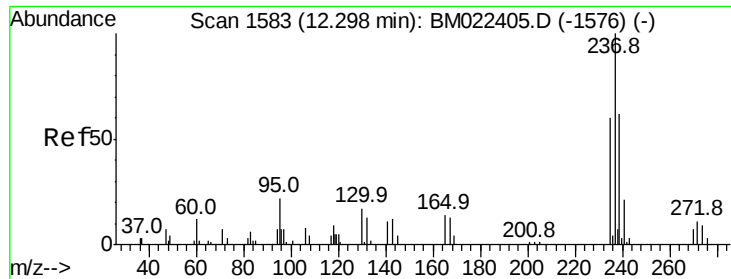
Ion 216.00 (215.70 to 216.70): E

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: 74.143 ng

RT: 12.27 min Scan# 1579

Delta R.T. -0.00 min

Lab File: BM022478.D

Acq: 01 Sep 2019 15:44

Instrument :

BNA_M

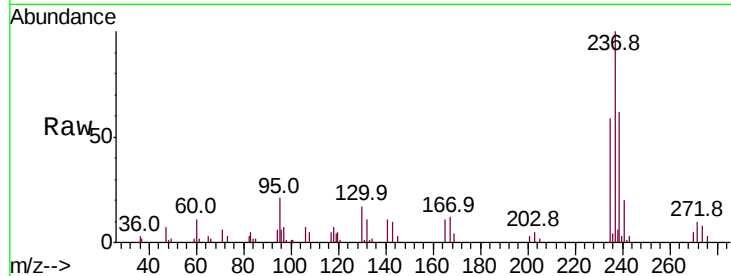
ClientSampleId :

TP1-COMPMSD

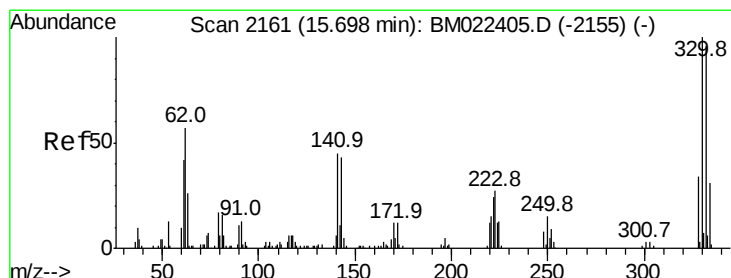
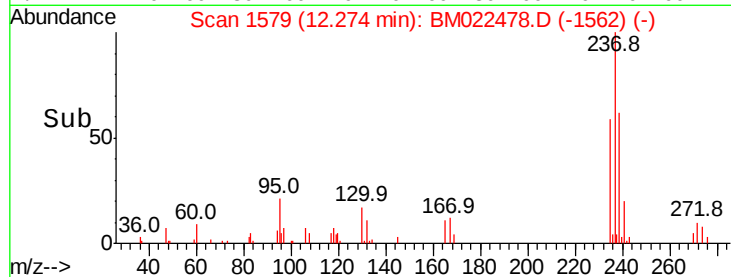
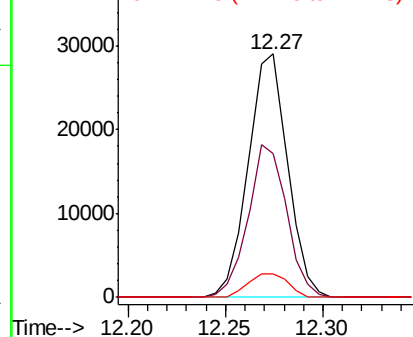
Tot Ion:	237	Resp:	40694
Ion Ratio	Lower	Upper	
237	100		
235	58.8	40.5	80.5
272	9.5	0.0	30.8

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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: 114.891 ng

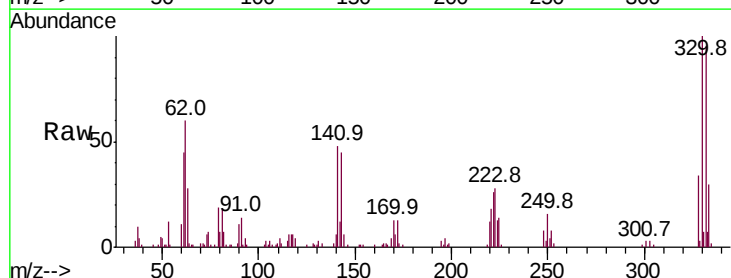
RT: 15.68 min Scan# 2158

Delta R.T. -0.01 min

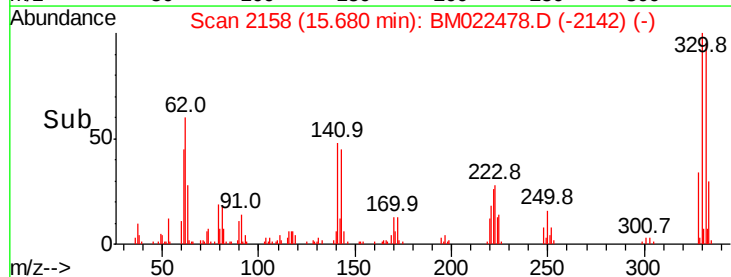
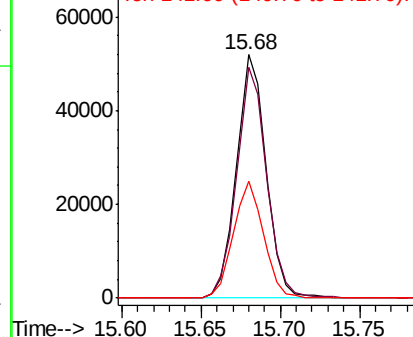
Lab File: BM022478.D

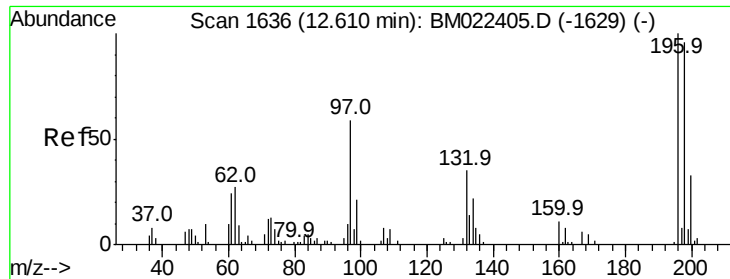
Acq: 01 Sep 2019 15:44

Tgt Ion:	330	Resp:	67276
Ion Ratio	Lower	Upper	
330	100		
332	96.0	77.8	116.8
141	48.5	35.6	53.4



Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E





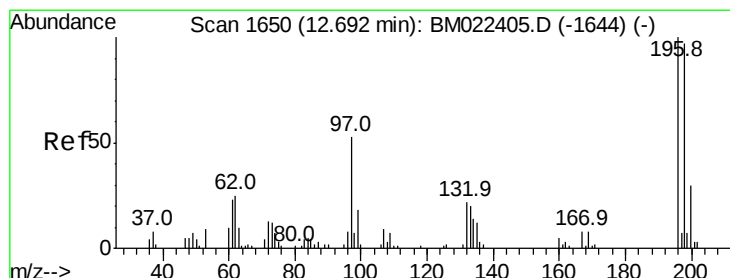
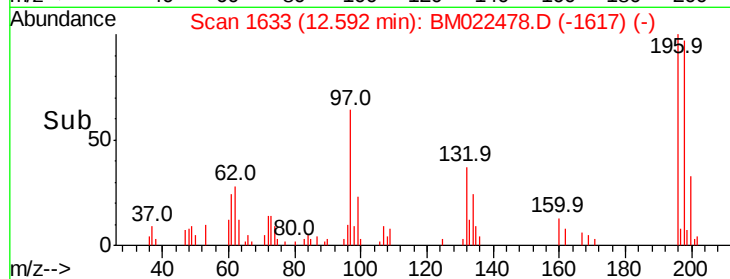
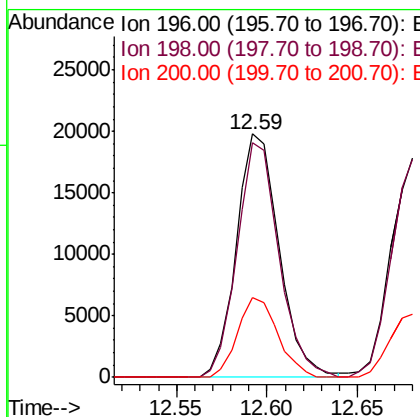
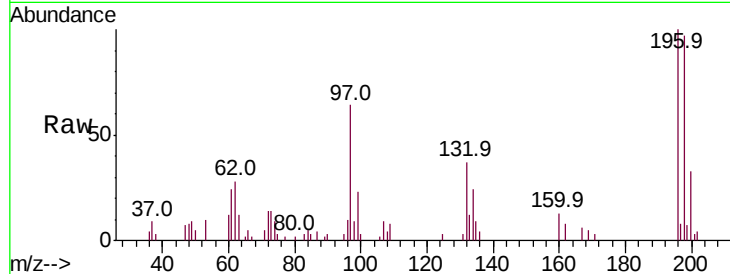
#43
 2,4,6-Trichlorophenol
 Concen: 44.313 ng
 RT: 12.59 min Scan# 1633
 Delta R.T. -0.01 min
 Lab File: BM022478.D
 Acq: 01 Sep 2019 15:44

Instrument :
 BNA_M
 ClientSampleId :
 TP1-COMPMSD

Tot Ion	Ratio	Resp	Lower	Upper
196	100	32484		
198	96.6	77.0	115.6	
200	32.6	26.3	39.5	

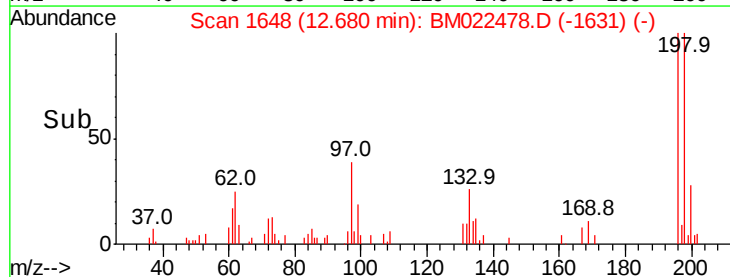
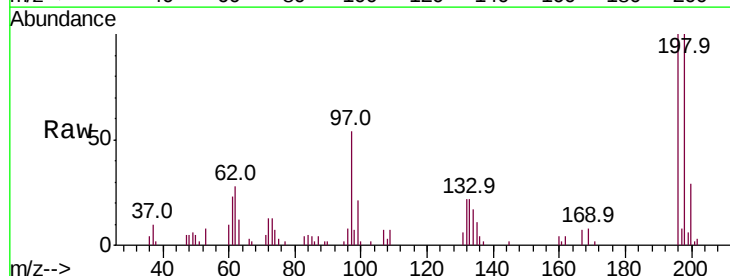
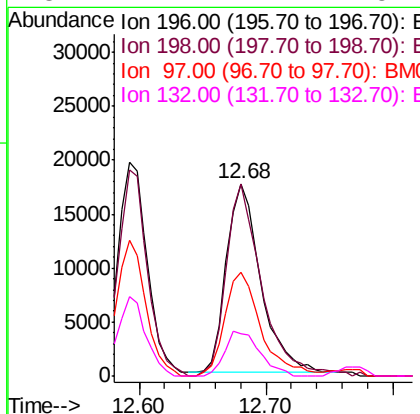
Manual Integrations
 APPROVED

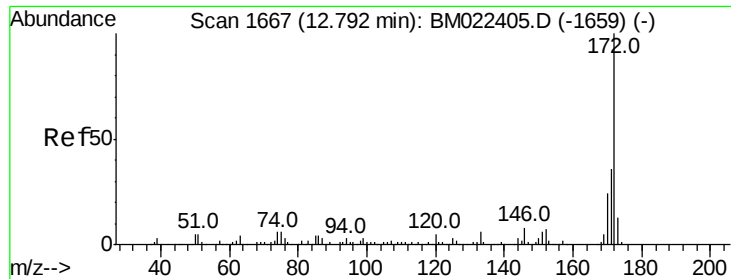
mohammad
 9/6/2019 8:16:40 AM



#44
 2,4,5-Trichlorophenol
 Concen: 44.949 ng
 RT: 12.68 min Scan# 1648
 Delta R.T. -0.00 min
 Lab File: BM022478.D
 Acq: 01 Sep 2019 15:44

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	32672		
198	99.7	76.6	115.0	
97	54.1	41.7	62.5	
132	22.2	17.1	25.7	





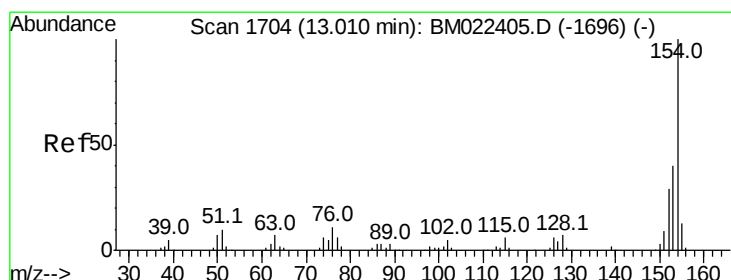
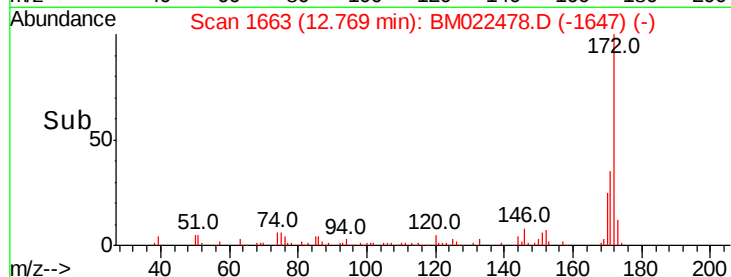
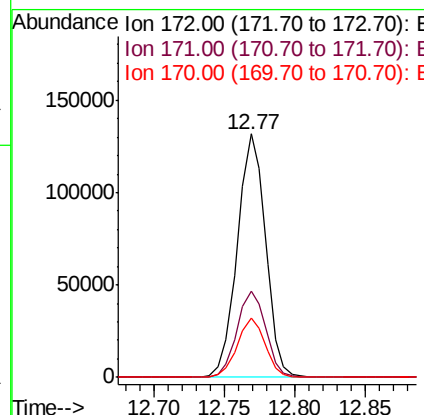
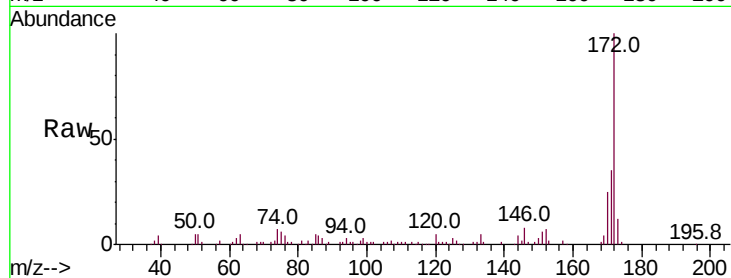
#45
2-Fluorobiphenyl
Concen: 72.875 ng
RT: 12.77 min Scan# 1663
Delta R.T. -0.01 min
Lab File: BM022478.D
Acq: 01 Sep 2019 15:44

Instrument :
BNA_M
ClientSampleId :
TP1-COMPMSD

Tot Ion	Ratio	Resp	Lower	Upper
172	100	184083		
171	35.5	28.5	42.7	
170	24.5	18.9	28.3	

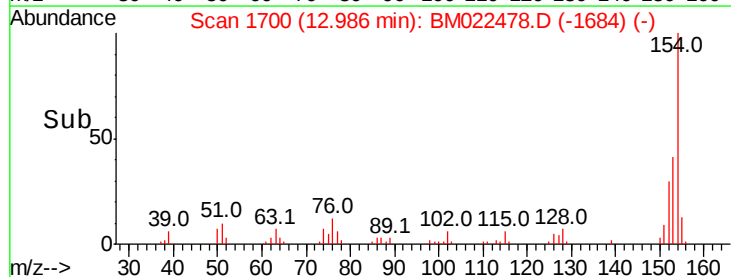
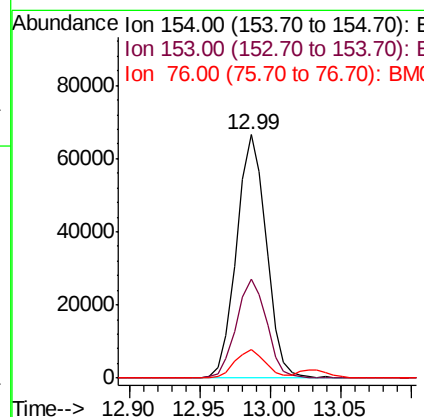
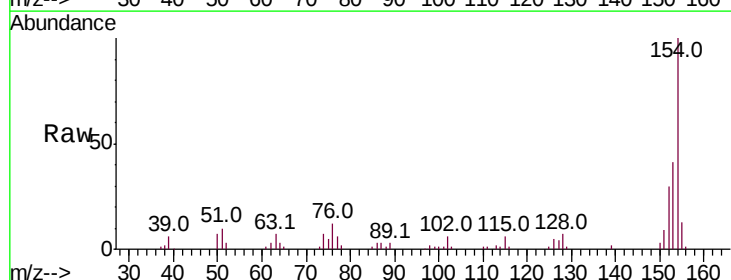
Manual Integrations
APPROVED

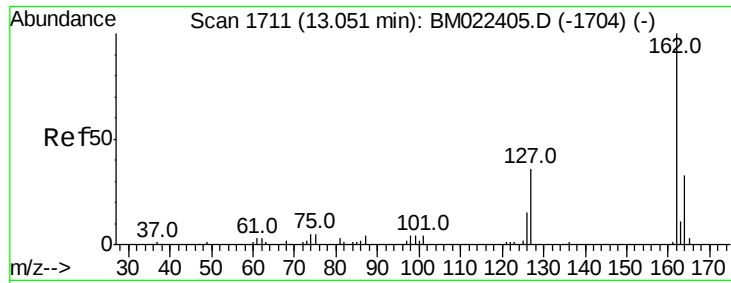
mohammad
9/6/2019 8:16:40 AM



#46
1,1'-Biphenyl
Concen: 41.946 ng
RT: 12.99 min Scan# 1700
Delta R.T. -0.01 min
Lab File: BM022478.D
Acq: 01 Sep 2019 15:44

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	98077		
153	40.9	20.4	60.4	
76	11.6	0.0	30.9	





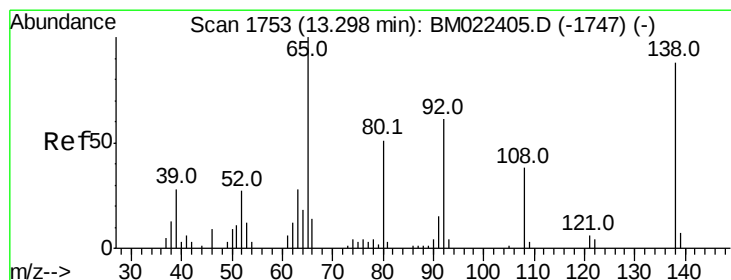
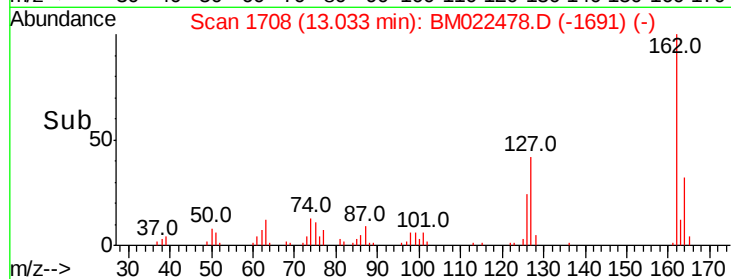
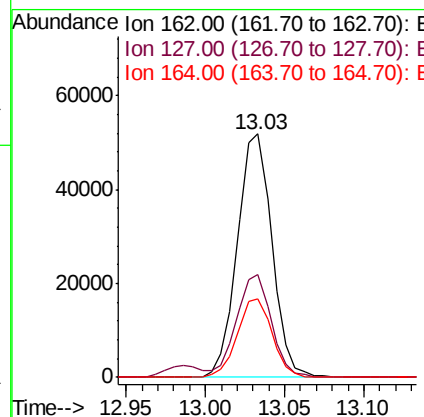
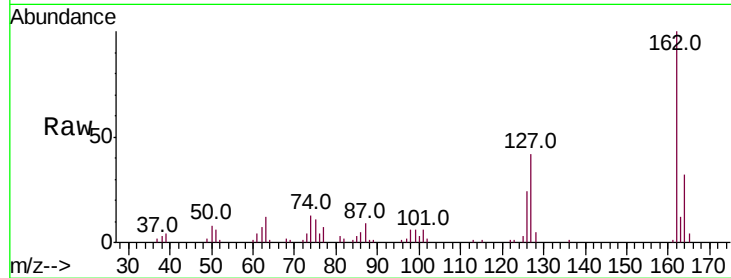
#47
 2-Chloronaphthalene
 Concen: 42.356 ng
 RT: 13.03 min Scan# 1708
 Delta R.T. -0.00 min
 Lab File: BM022478.D
 Acq: 01 Sep 2019 15:44

Instrument :
 BNA_M
 ClientSampleId :
 TP1-COMPMSD

Tot Ion	Ratio	Resp	Lower	Upper
162	100	78637		
127	42.1		32.6	49.0
164	32.0		26.2	39.4

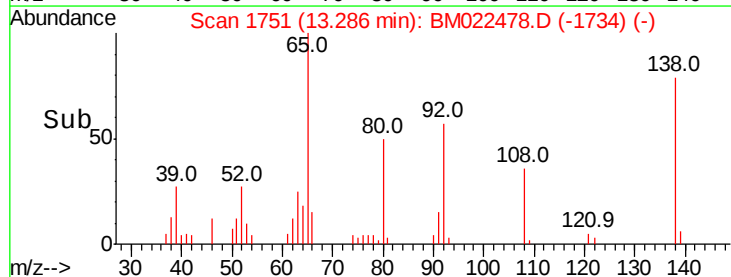
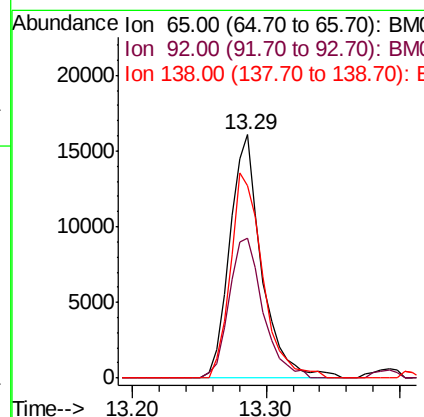
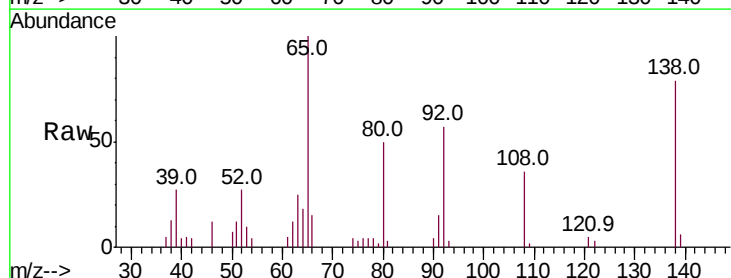
Manual Integrations
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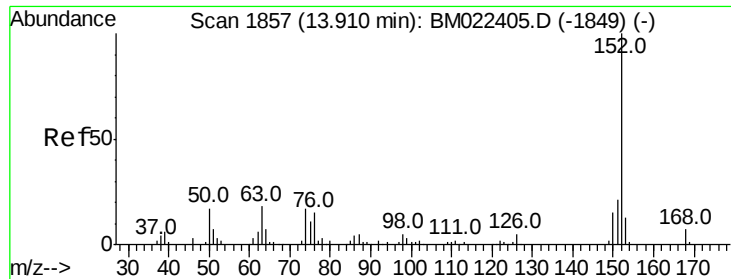
mohammad
 9/6/2019 8:16:40 AM



#48
 2-Nitroaniline
 Concen: 44.922 ng
 RT: 13.29 min Scan# 1751
 Delta R.T. -0.00 min
 Lab File: BM022478.D
 Acq: 01 Sep 2019 15:44

Tgt Ion	Ratio	Resp	Lower	Upper
65	100	26861		
92	57.4		49.1	73.7
138	79.0		70.4	105.6





#49

Acenaphthylene

Concen: 44.642 ng

RT: 13.89 min Scan# 1853

Delta R.T. -0.01 min

Lab File: BM022478.D

Acq: 01 Sep 2019 15:44

Instrument :

BNA_M

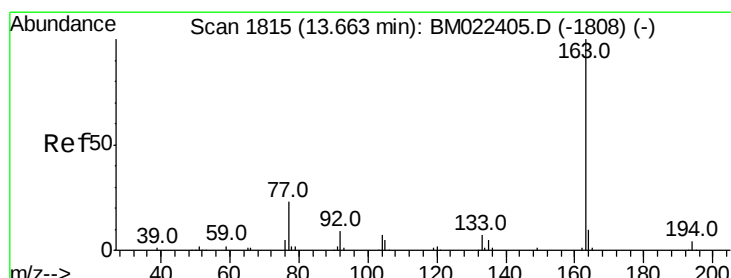
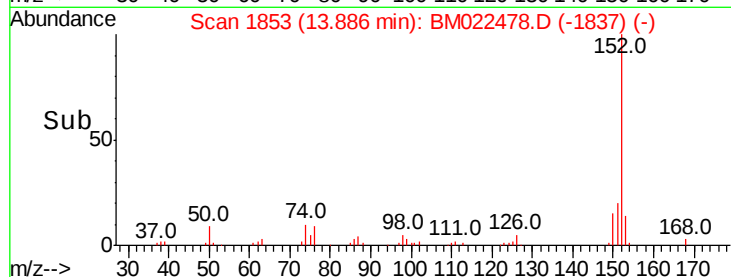
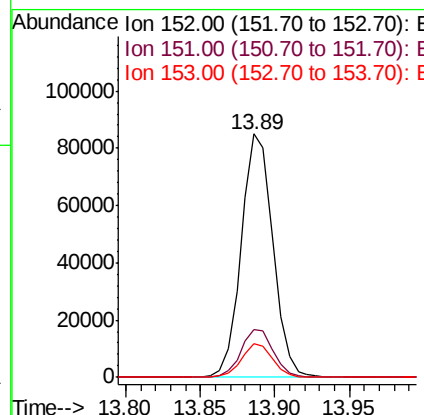
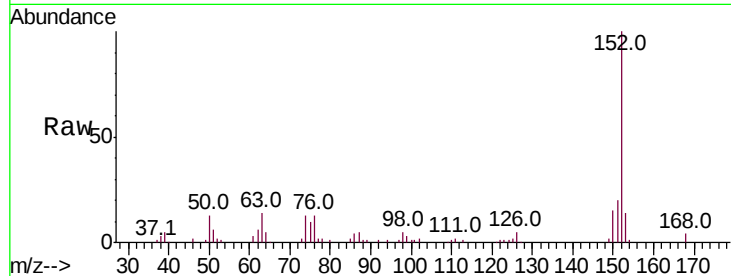
ClientSampleId :

TP1-COMPMSD

Tot Ion:	152	Resp:	125090
Ion Ratio	Lower	Upper	
152	100		
151	19.8	16.9	25.3
153	13.6	10.4	15.6

Manual Integrations
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#50

Dimethylphthalate

Concen: 53.612 ng

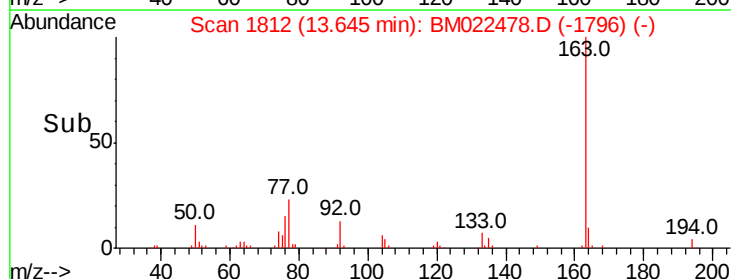
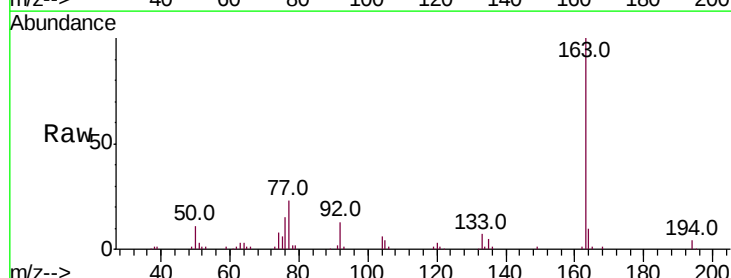
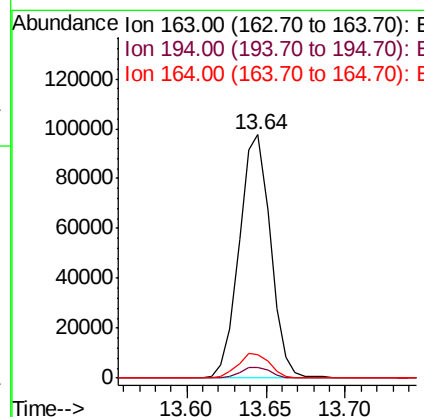
RT: 13.64 min Scan# 1812

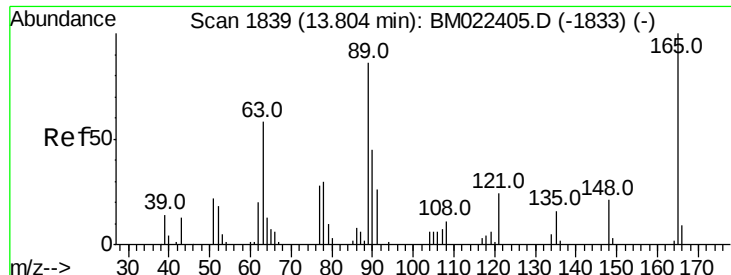
Delta R.T. -0.01 min

Lab File: BM022478.D

Acq: 01 Sep 2019 15:44

Tgt Ion:	163	Resp:	133434
Ion Ratio	Lower	Upper	
163	100		
194	4.4	3.4	5.2
164	9.9	8.2	12.2





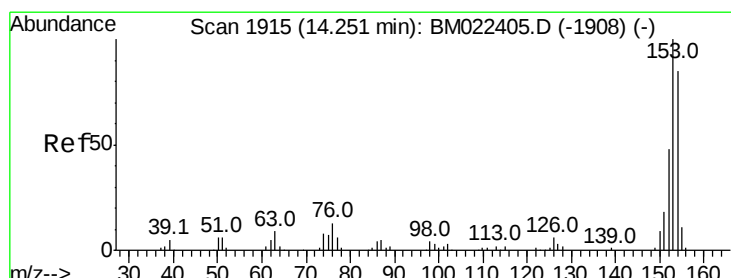
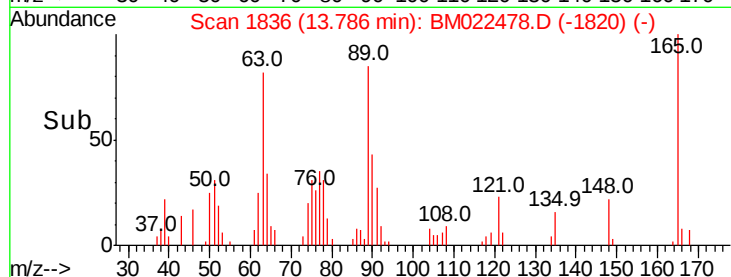
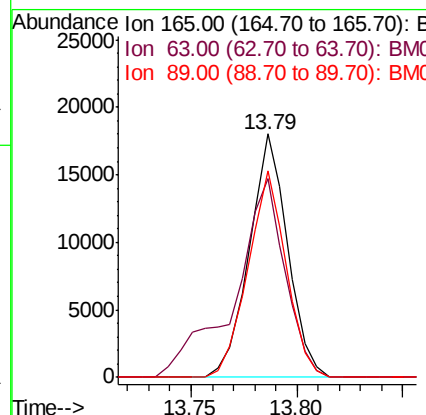
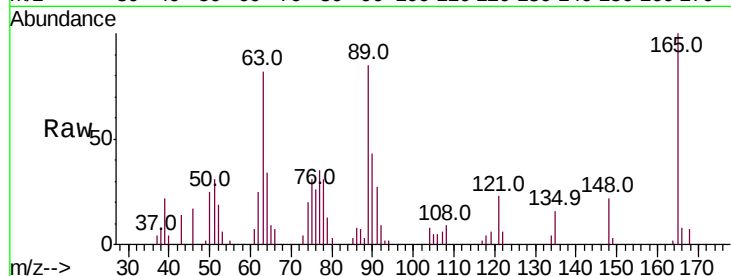
#51
 2,6-Dinitrotoluene
 Concen: 46.436 ng
 RT: 13.79 min Scan# 1836
 Delta R.T. -0.01 min
 Lab File: BM022478.D
 Acq: 01 Sep 2019 15:44

Instrument :
 BNA_M
 ClientSampleId :
 TP1-COMPMSD

Tot Ion:	165	Resp:	22703
Ion Ratio	Lower	Upper	
165	100		
63	81.6	65.4	98.2
89	84.9	69.0	103.6

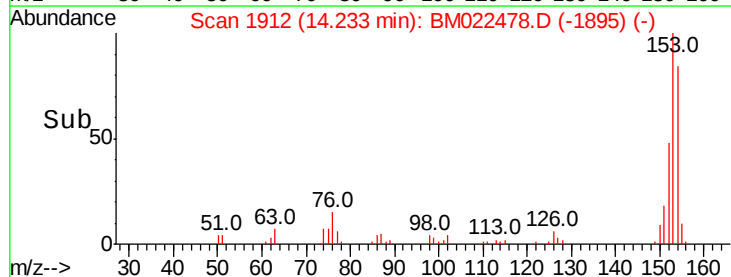
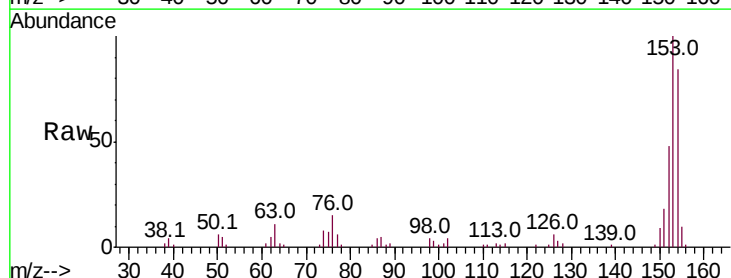
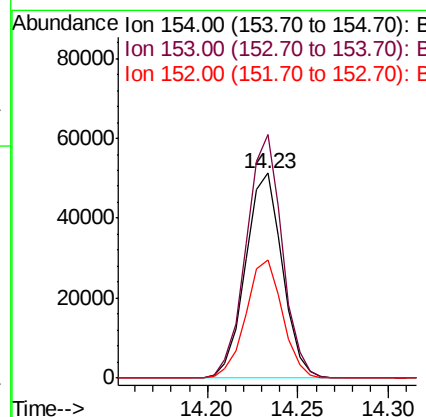
Manual Integrations
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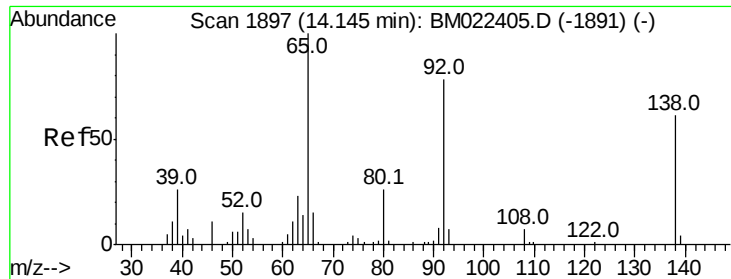
mohammad
 9/6/2019 8:16:40 AM



#52
 Acenaphthene
 Concen: 43.064 ng
 RT: 14.23 min Scan# 1912
 Delta R.T. -0.00 min
 Lab File: BM022478.D
 Acq: 01 Sep 2019 15:44

Tgt Ion:	154	Resp:	72369
Ion Ratio	Lower	Upper	
154	100		
153	118.7	94.3	141.5
152	57.5	45.4	68.2





#53

3-Nitroaniline

Concen: 30.896 ng

RT: 14.13 min Scan# 1895

Delta R.T. -0.00 min

Lab File: BM022478.D

Acq: 01 Sep 2019 15:44

Instrument :

BNA_M

ClientSampleId :

TP1-COMPMSD

Tot Ion:138 Resp: 14504

Ion Ratio Lower Upper

138 100

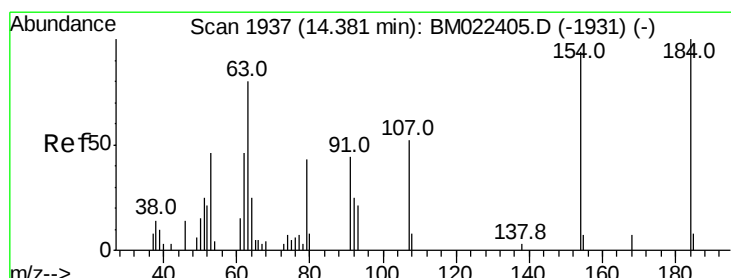
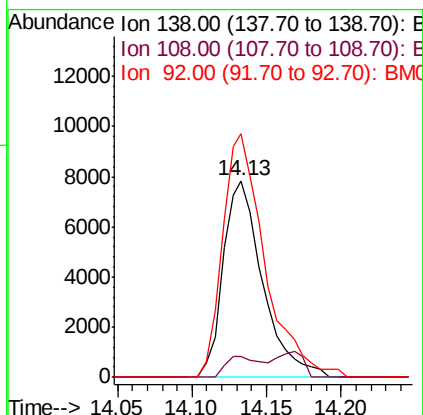
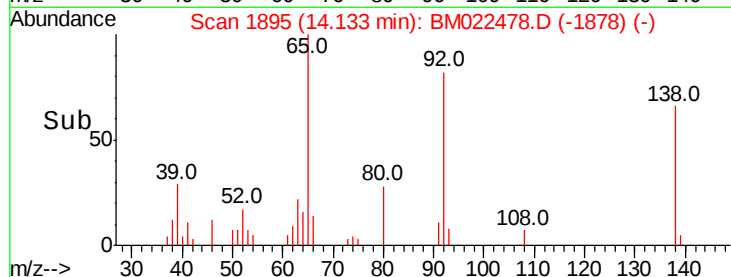
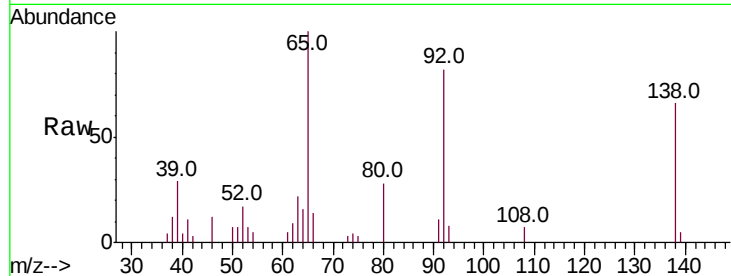
108 10.4 9.1 13.7

92 124.1 103.3 154.9

Manual Integrations
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#54

2,4-Dinitrophenol

Concen: 63.420 ng

RT: 14.37 min Scan# 1936

Delta R.T. -0.00 min

Lab File: BM022478.D

Acq: 01 Sep 2019 15:44

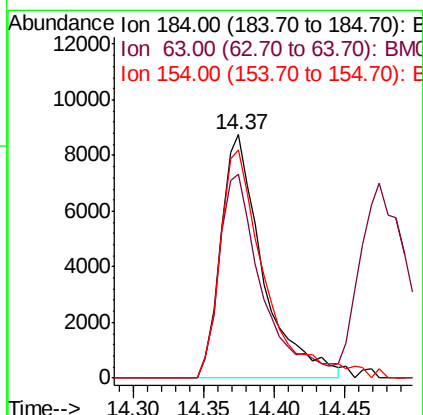
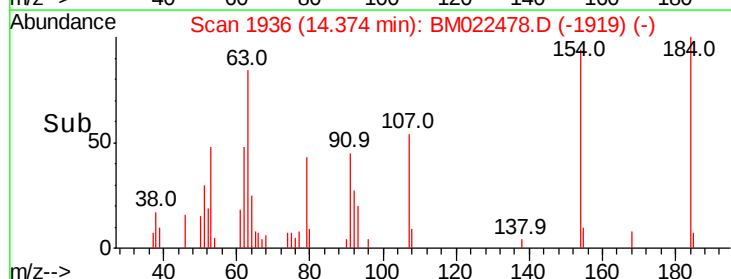
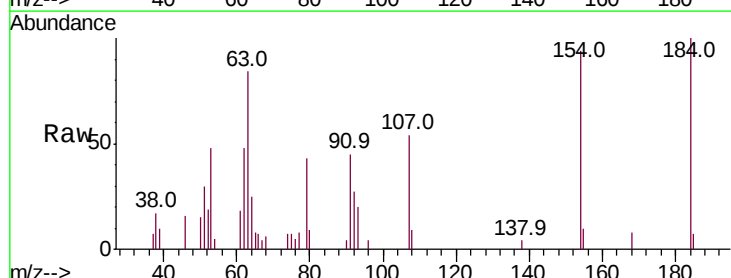
Tgt Ion:184 Resp: 18079

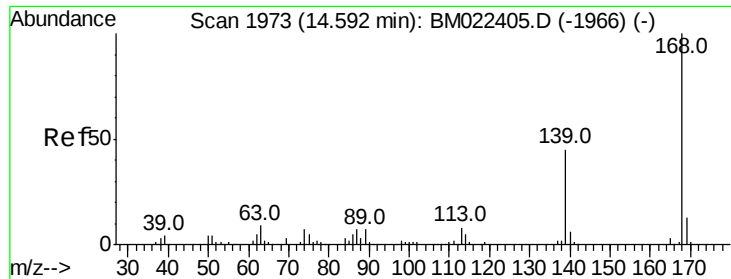
Ion Ratio Lower Upper

184 100

63 83.7 63.8 95.8

154 93.9 75.0 112.6





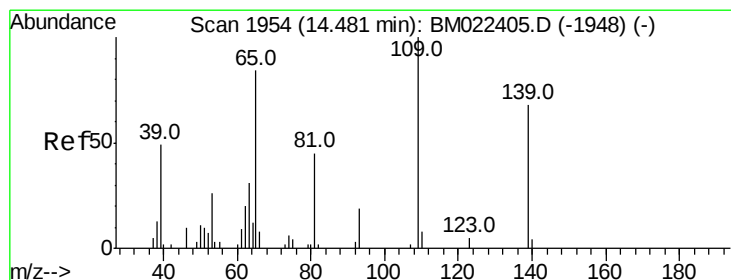
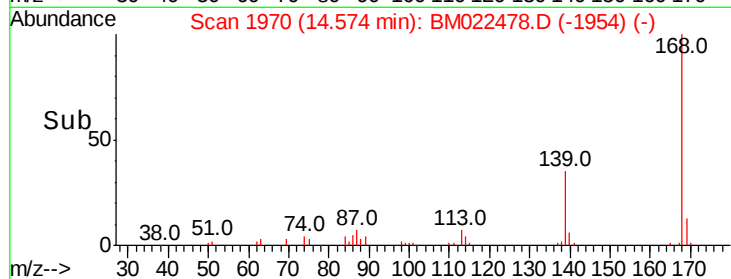
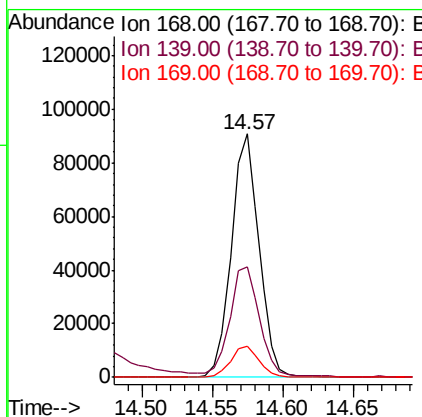
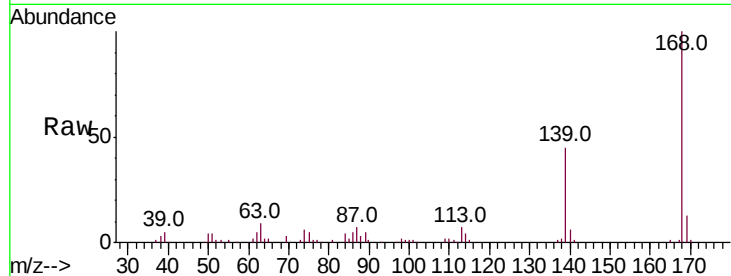
#55
Dibenzofuran
Concen: 43.809 ng
RT: 14.57 min Scan# 1970
Delta R.T. -0.01 min
Lab File: BM022478.D
Acq: 01 Sep 2019 15:44

Instrument :
BNA_M
ClientSampleId :
TP1-COMPMSD

Tot Ion	Ratio	Resp	Lower	Upper
168	100	124024		
139	45.3	36.1	54.1	
169	12.9	10.4	15.6	

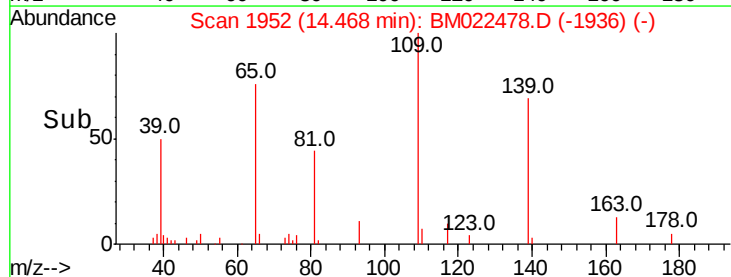
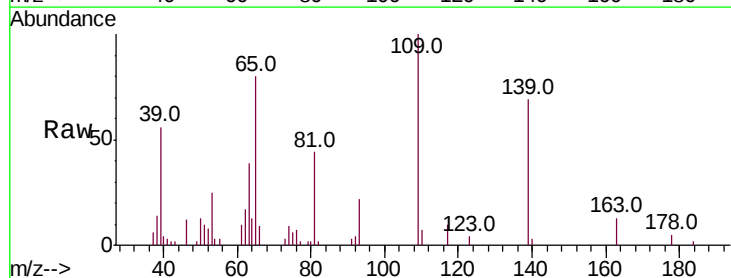
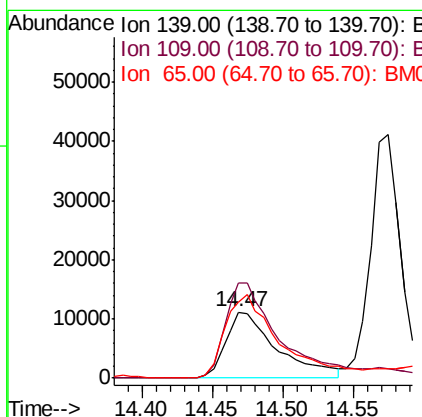
Manual Integrations
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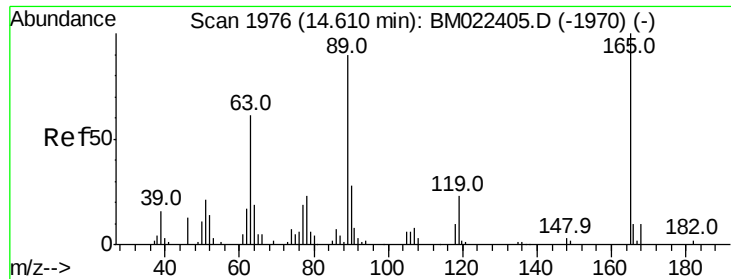
mohammad
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#56
4-Nitrophenol
Concen: 88.792 ng
RT: 14.47 min Scan# 1952
Delta R.T. -0.01 min
Lab File: BM022478.D
Acq: 01 Sep 2019 15:44

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	28287		
109	144.3	128.0	168.0	
65	115.1	104.3	144.3	





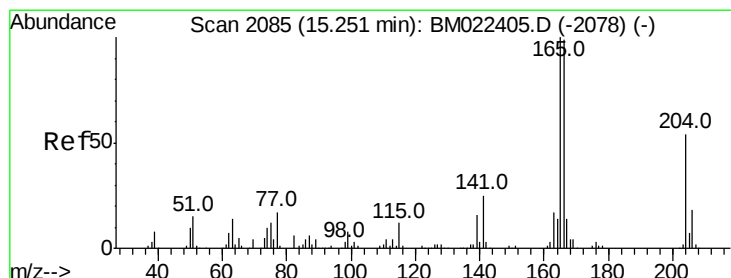
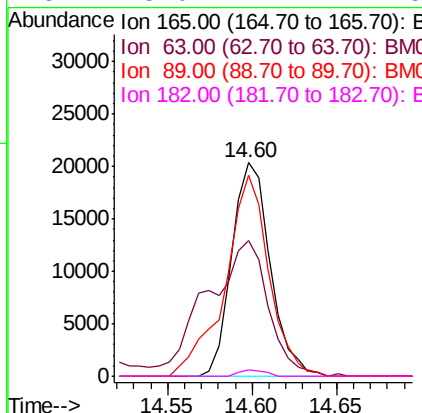
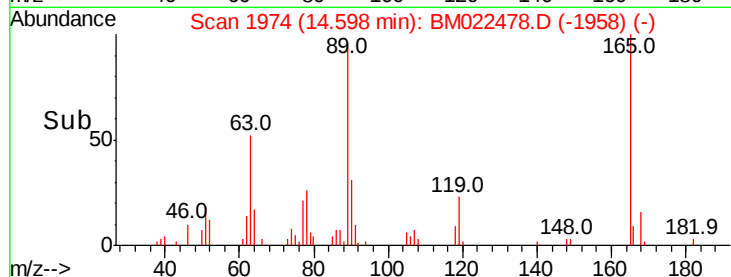
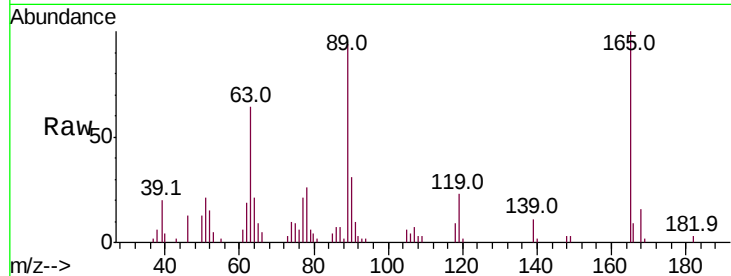
#57
2,4-Dinitrotoluene
Concen: 45.842 ng
RT: 14.60 min Scan# 1974
Delta R.T. -0.01 min
Lab File: BM022478.D
Acq: 01 Sep 2019 15:44

Instrument :
BNA_M
ClientSampleId :
TP1-COMPMSD

Tot Ion	Ratio	Resp	Lower	Upper
165	100	32223		
63	63.6		54.6	82.0
89	94.0		74.5	111.7
182	3.0		1.7	2.5#

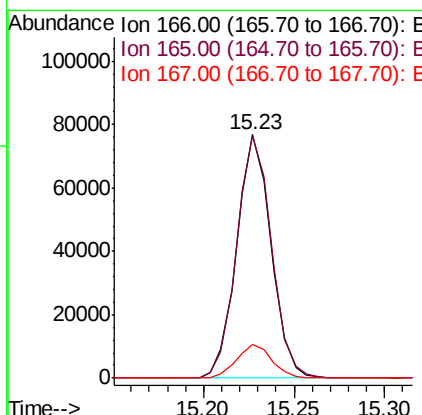
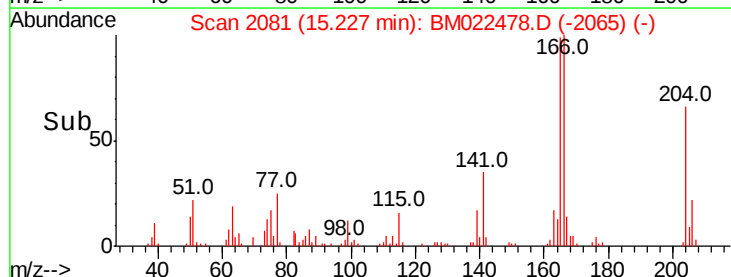
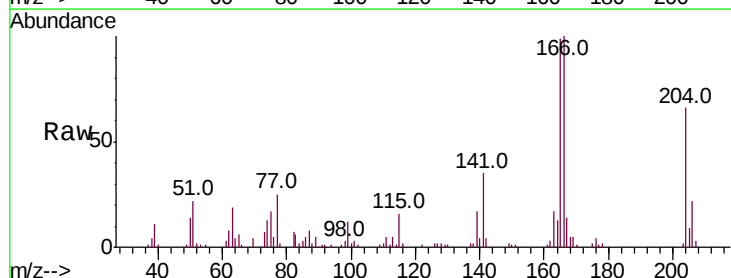
Manual Integrations
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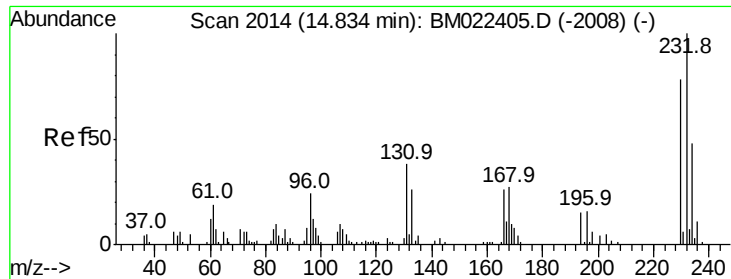
mohammad
9/6/2019 8:16:40 AM



#58
Fluorene
Concen: 39.942 ng
RT: 15.23 min Scan# 2081
Delta R.T. -0.01 min
Lab File: BM022478.D
Acq: 01 Sep 2019 15:44

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	101023		
165	99.4		81.1	121.7
167	13.8		11.1	16.7





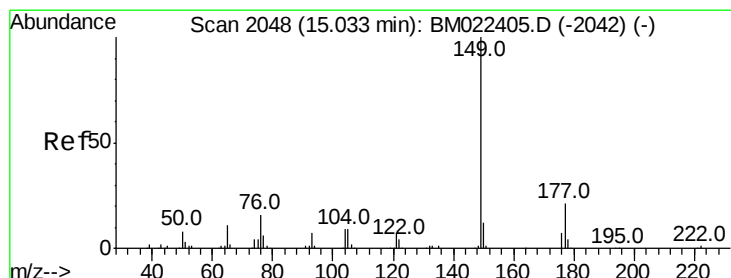
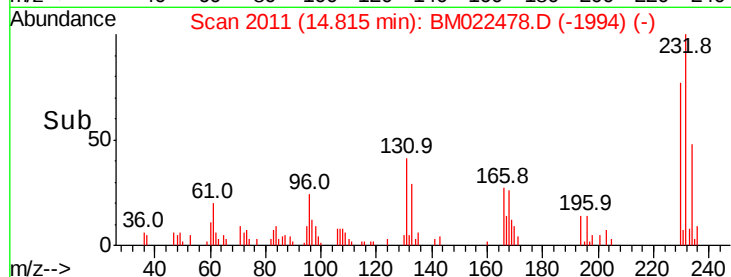
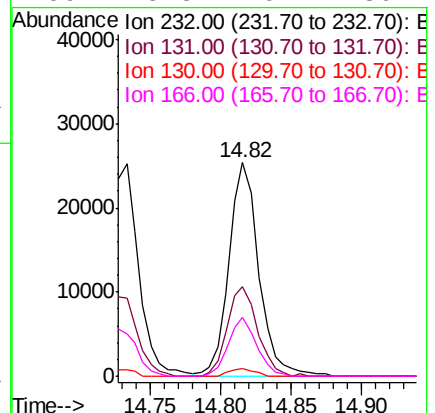
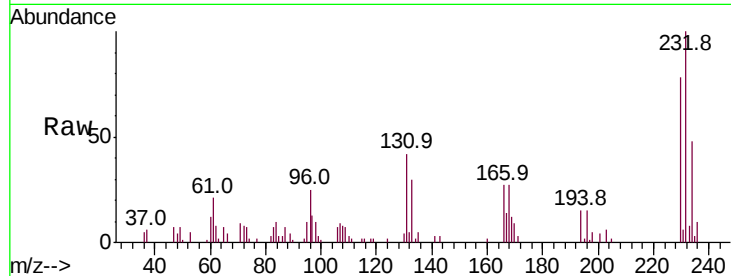
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 45.871 ng
 RT: 14.82 min Scan# 2011
 Delta R.T. -0.00 min
 Lab File: BM022478.D
 Acq: 01 Sep 2019 15:44

Instrument :
 BNA_M
 ClientSampleId :
 TP1-COMPMSD

Tot Ion	Ratio	Lower	Upper
232	100		
131	42.7	32.0	48.0
130	3.1	2.4	3.6
166	25.8	20.2	30.2

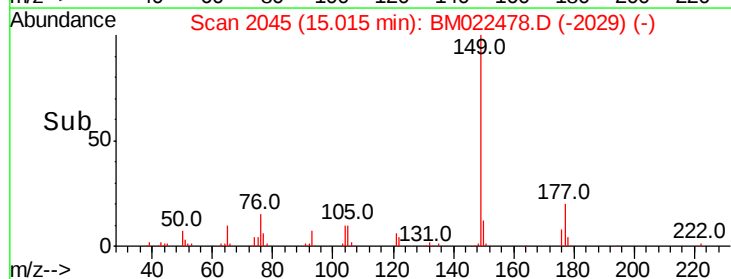
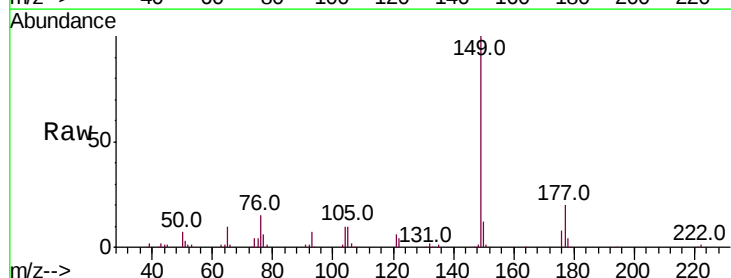
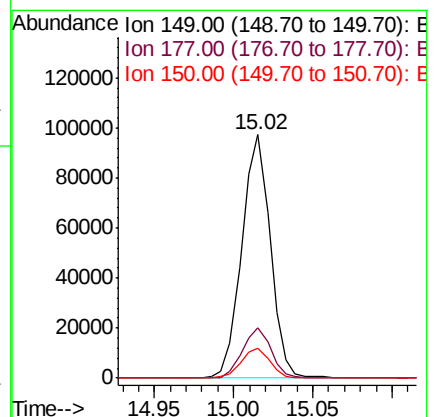
Manual Integrations
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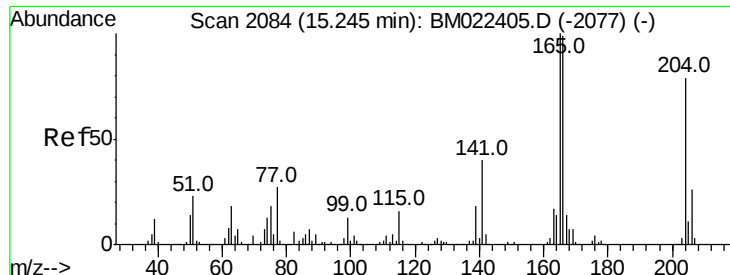
mohammad
 9/6/2019 8:16:40 AM



#60
 Diethylphthalate
 Concen: 46.647 ng
 RT: 15.02 min Scan# 2045
 Delta R.T. -0.01 min
 Lab File: BM022478.D
 Acq: 01 Sep 2019 15:44

Tgt Ion	Ratio	Lower	Upper
149	100		
177	20.5	16.6	25.0
150	12.4	9.8	14.8





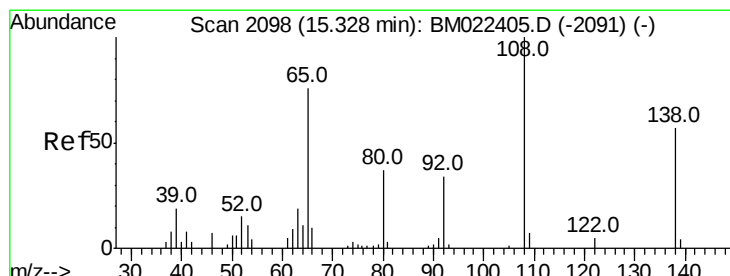
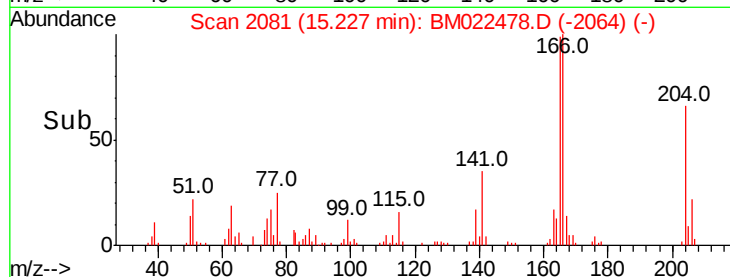
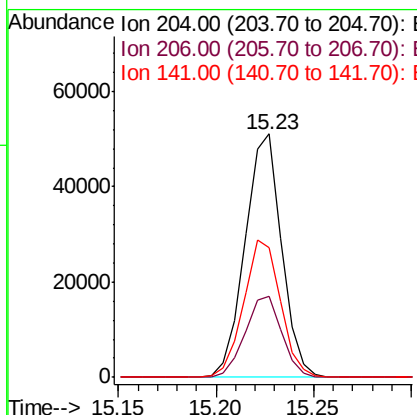
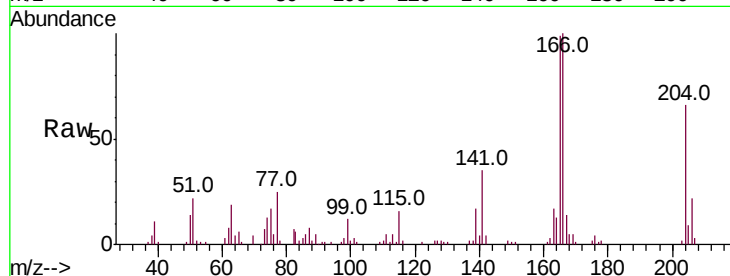
#61
 4-Chlorophenyl-phenylether
 Concen: 38.092 ng
 RT: 15.23 min Scan# 2081
 Delta R.T. -0.00 min
 Lab File: BM022478.D
 Acq: 01 Sep 2019 15:44

Instrument :
 BNA_M
 ClientSampleId :
 TP1-COMPMSD

Tot Ion	Ratio	Lower	Upper
204	100		
206	33.2	26.2	39.4
141	53.3	40.6	60.8

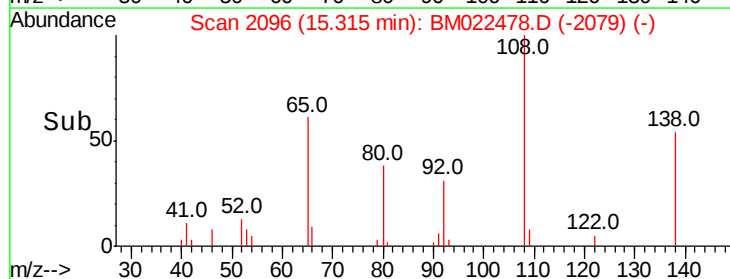
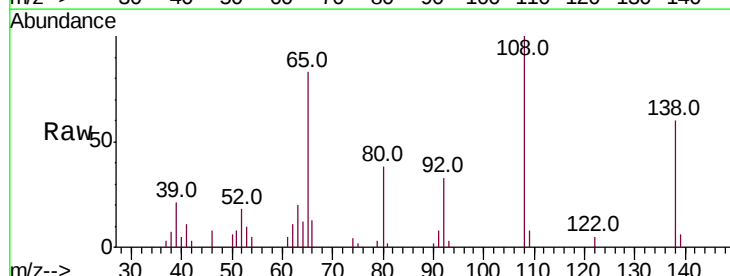
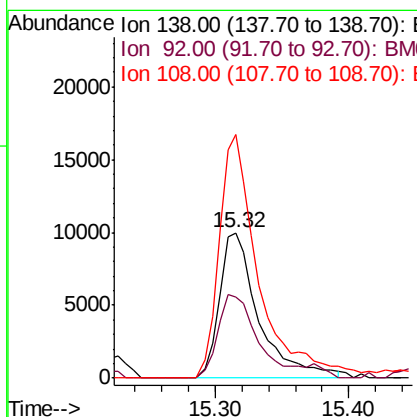
Manual Integrations
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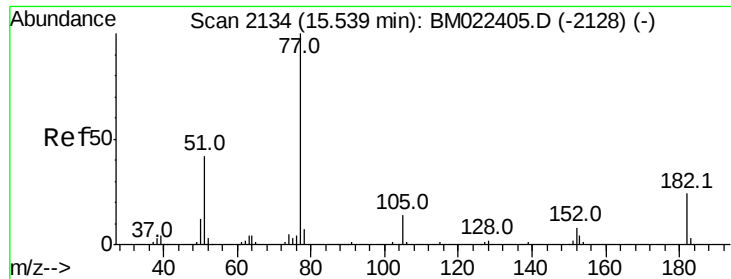
mohammad
 9/6/2019 8:16:40 AM



#62
 4-Nitroaniline
 Concen: 46.702 ng
 RT: 15.32 min Scan# 2096
 Delta R.T. -0.00 min
 Lab File: BM022478.D
 Acq: 01 Sep 2019 15:44

Tgt Ion	Ratio	Lower	Upper
138	100		
92	56.1	40.5	80.5
108	167.7	156.8	196.8





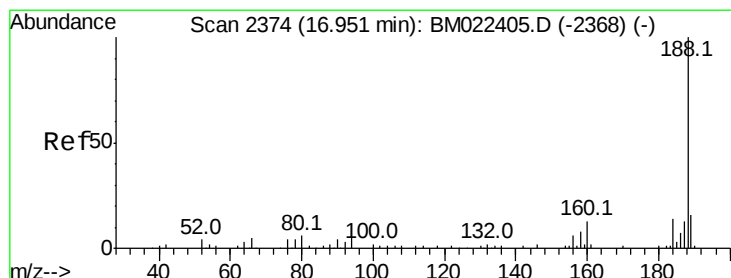
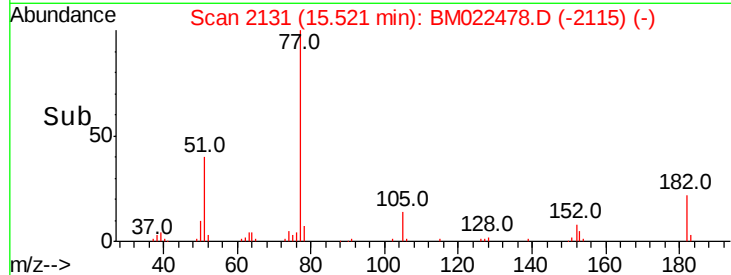
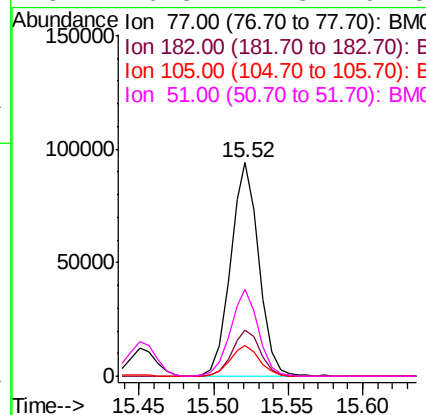
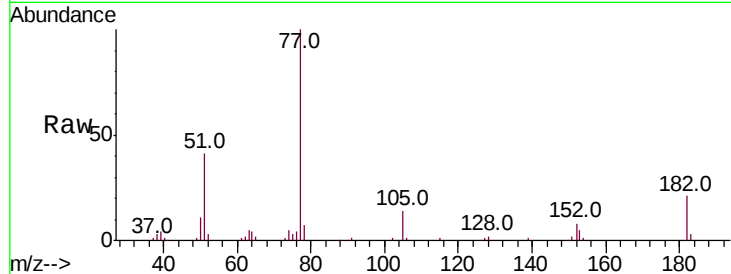
#63
Azobenzene
Concen: 48.001 ng
RT: 15.52 min Scan# 2131
Delta R.T. -0.01 min
Lab File: BM022478.D
Acq: 01 Sep 2019 15:44

Instrument :
BNA_M
ClientSampleId :
TP1-COMPMSD

Tot Ion:	77	Resp:	124567
Ion Ratio	Lower	Upper	
77	100		
182	21.4	3.5	43.5
105	14.3	0.0	34.2
51	40.8	21.8	61.8

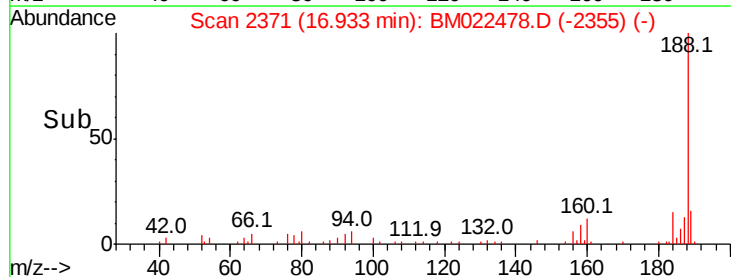
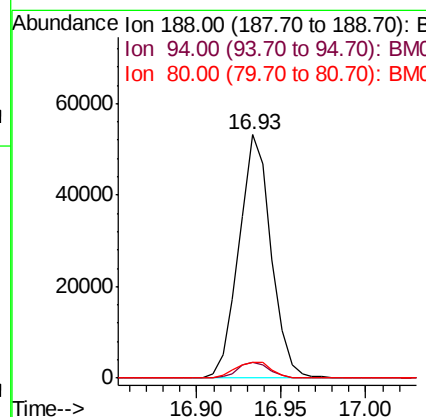
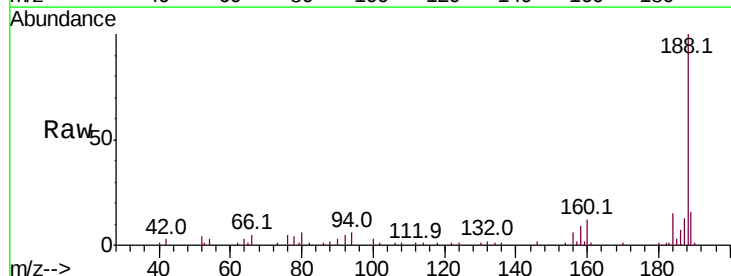
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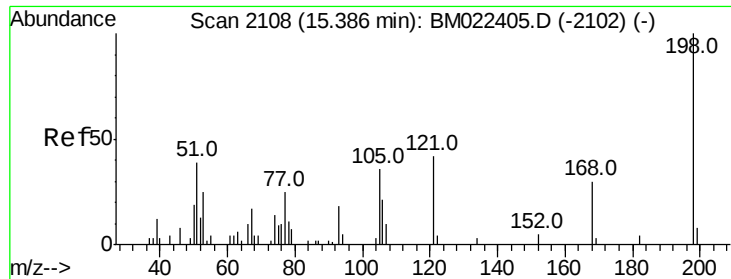
mohammad
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.93 min Scan# 2371
Delta R.T. -0.01 min
Lab File: BM022478.D
Acq: 01 Sep 2019 15:44

Tgt Ion:	188	Resp:	70541
Ion Ratio	Lower	Upper	
188	100		
94	6.2	4.4	6.6
80	6.4	5.0	7.6





#65

4,6-Dinitro-2-methylphenol

Concen: 46.549 ng

RT: 15.37 min Scan# 2106

Delta R.T. -0.00 min

Lab File: BM022478.D

Acq: 01 Sep 2019 15:44

Instrument :

BNA_M

ClientSampleId :

TP1-COMPMSD

Tot Ion:198 Resp: 19594

Ion Ratio Lower Upper

198 100

51 45.6 21.0 61.0

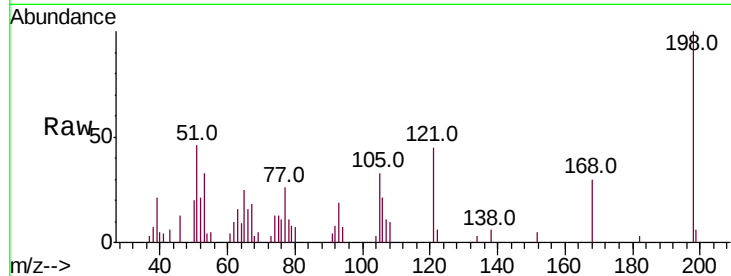
105 33.4 16.1 56.1

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Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BM

Ion 105.00 (104.70 to 105.70): E

20000

15000

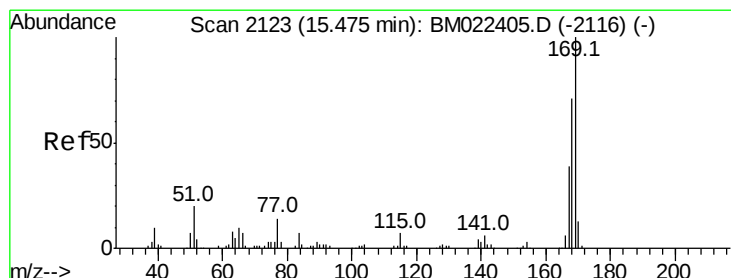
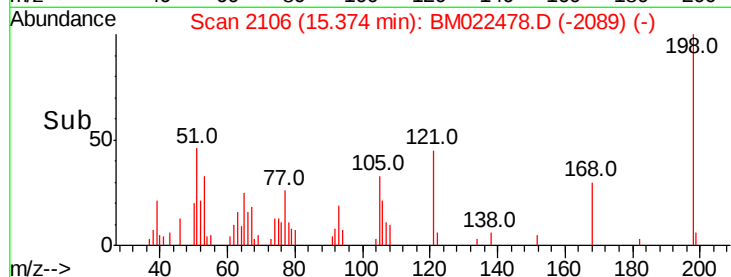
10000

5000

0

15.30 15.35 15.40 15.45

Time-->



#66

n-Nitrosodiphenylamine

Concen: 41.948 ng

RT: 15.45 min Scan# 2119

Delta R.T. -0.01 min

Lab File: BM022478.D

Acq: 01 Sep 2019 15:44

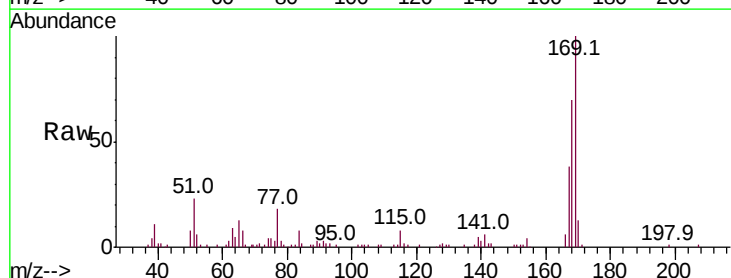
Tgt Ion:169 Resp: 89338

Ion Ratio Lower Upper

169 100

168 69.8 56.7 85.1

167 38.5 30.8 46.2



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

80000

60000

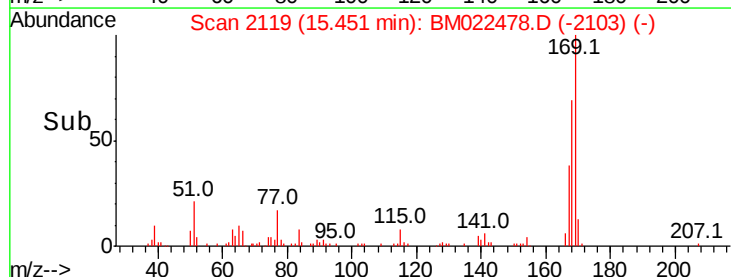
40000

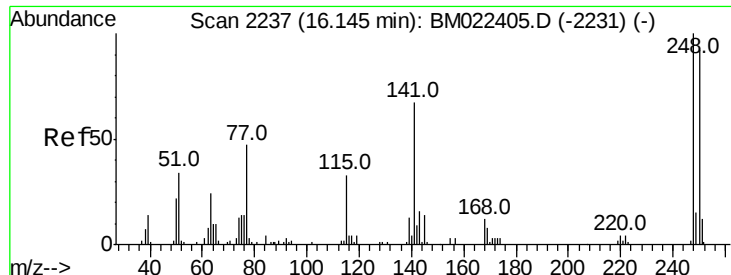
20000

0

15.40 15.45 15.50

Time-->





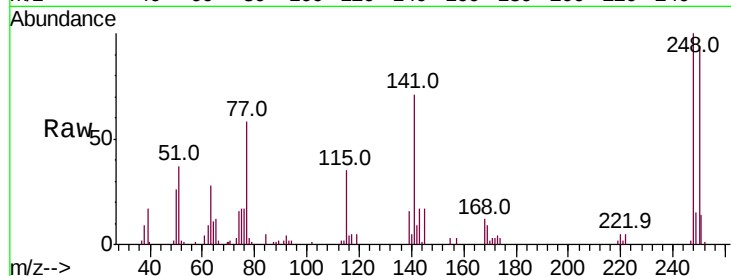
#67
4-Bromophenyl-phenylether
Concen: 39.539 ng
RT: 16.12 min Scan# 2233
Delta R.T. -0.01 min
Lab File: BM022478.D
Acq: 01 Sep 2019 15:44

Instrument :
BNA_M
ClientSampleId :
TP1-COMPMSD

Tot Ion	Ratio	Lower	Upper
248	100		
250	93.9	73.6	110.4
141	71.1	53.3	79.9

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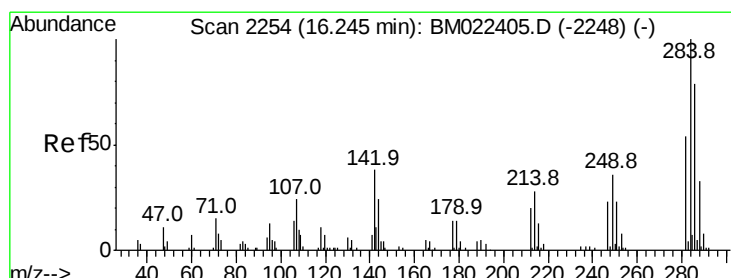
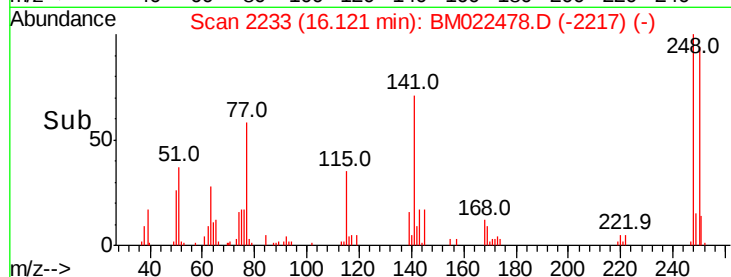
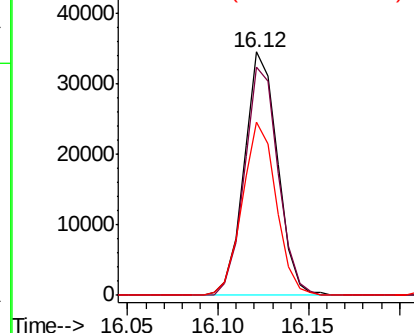


Abundance

Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68
Hexachlorobenzene
Concen: 37.055 ng
RT: 16.23 min Scan# 2251
Delta R.T. -0.01 min
Lab File: BM022478.D
Acq: 01 Sep 2019 15:44

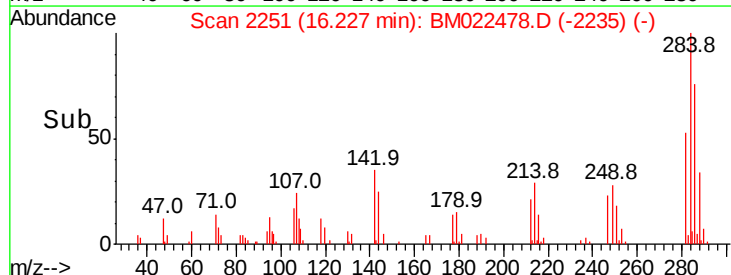
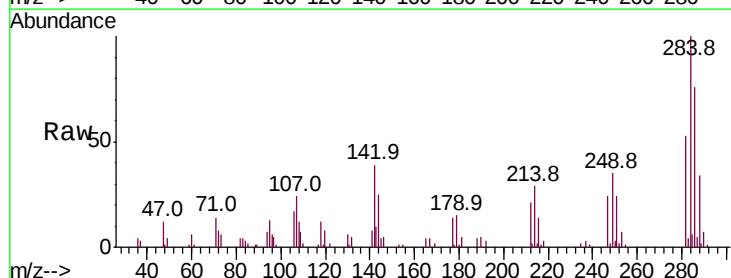
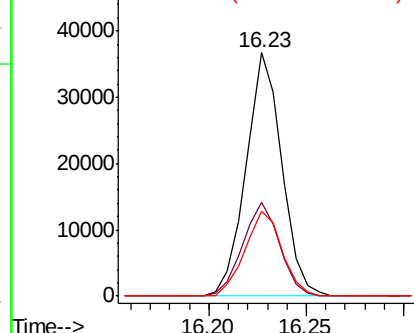
Tgt Ion	Ratio	Lower	Upper
284	100		
142	38.8	30.2	45.4
249	34.7	28.8	43.2

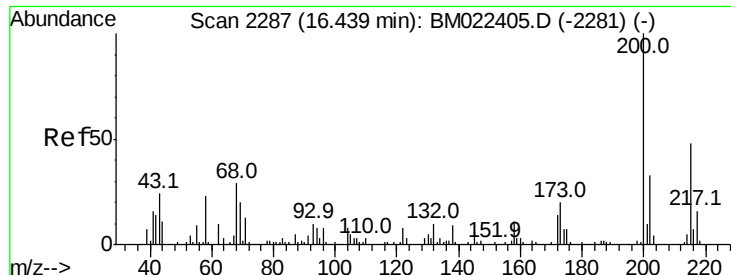
Abundance

Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E





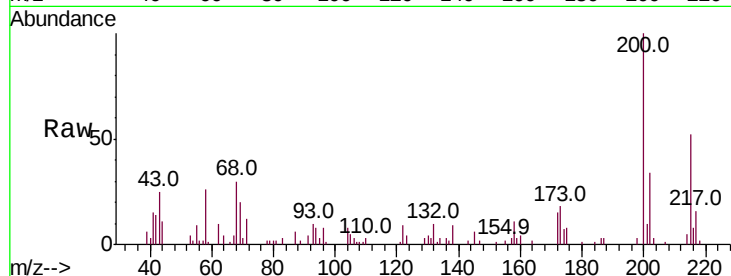
#69
Atrazine
Concen: 44.581 ng
RT: 16.42 min Scan# 2284
Delta R.T. -0.01 min
Lab File: BM022478.D
Acq: 01 Sep 2019 15:44

Instrument :
BNA_M
ClientSampleId :
TP1-COMPMSD

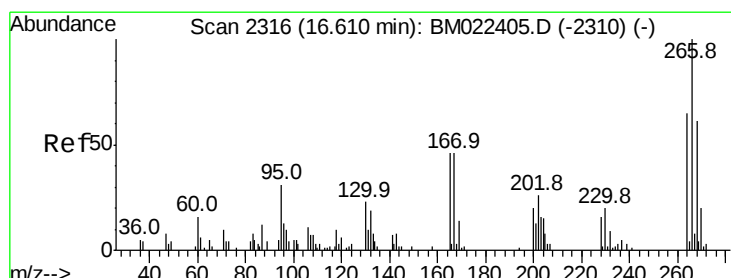
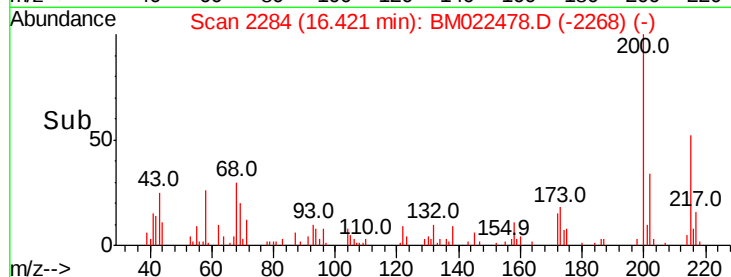
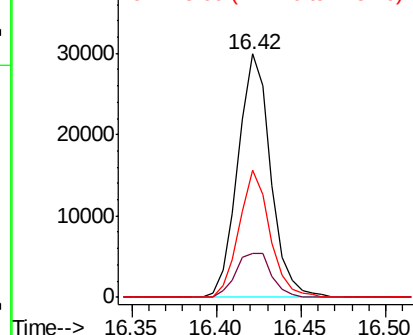
Tot Ion	Ratio	Lower	Upper
200	100		
173	18.1	0.0	39.9
215	52.4	27.8	67.8

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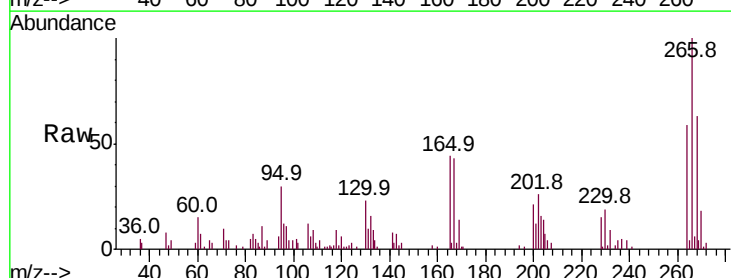


Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

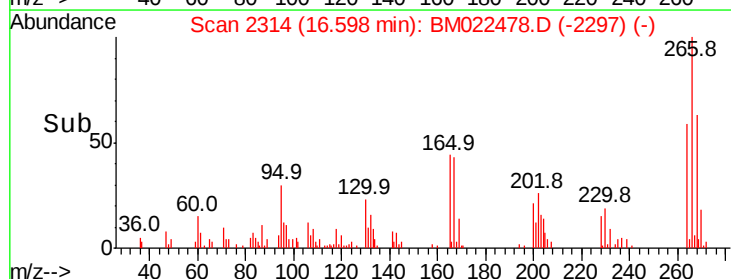
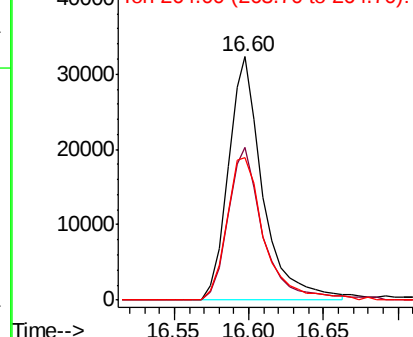


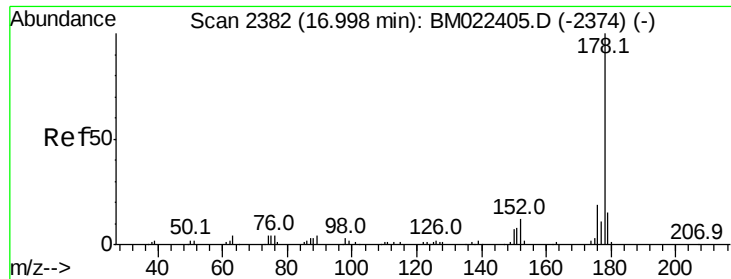
#70
Pentachlorophenol
Concen: 93.146 ng
RT: 16.60 min Scan# 2314
Delta R.T. -0.00 min
Lab File: BM022478.D
Acq: 01 Sep 2019 15:44

Tgt Ion	Ratio	Lower	Upper
266	100		
268	62.8	48.4	72.6
264	58.7	51.7	77.5



Abundance Ion 265.70 (265.40 to 266.40): E
Ion 268.00 (267.70 to 268.70): E
Ion 264.00 (263.70 to 264.70): E





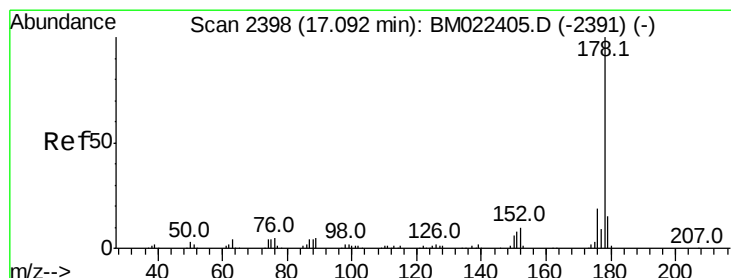
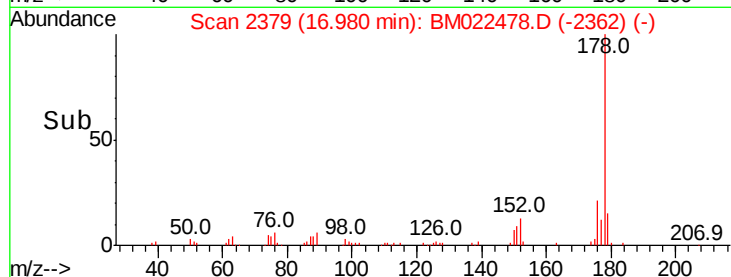
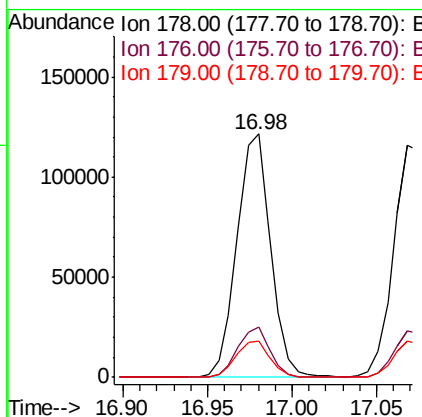
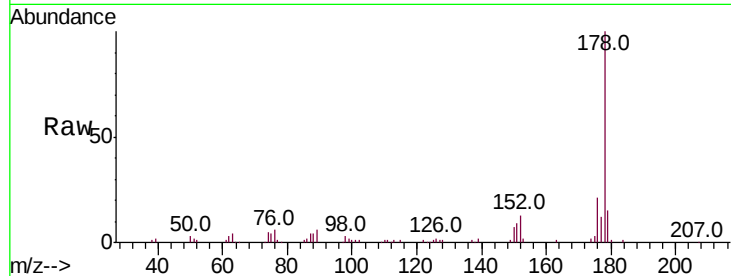
#71
 Phenanthrene
 Concen: 41.149 ng
 RT: 16.98 min Scan# 2379
 Delta R.T. -0.00 min
 Lab File: BM022478.D
 Acq: 01 Sep 2019 15:44

Instrument :
 BNA_M
 ClientSampleId :
 TP1-COMPMSD

Tot Ion	Ratio	Lower	Upper
178	100		
176	20.6	15.4	23.2
179	15.1	12.3	18.5

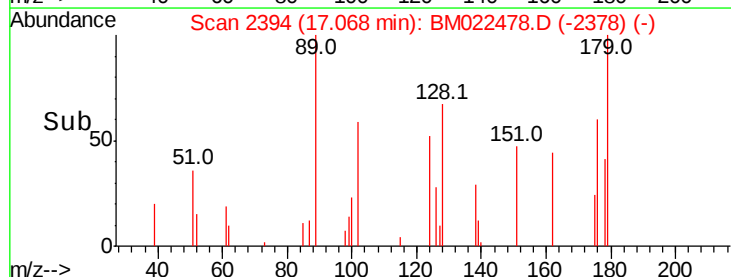
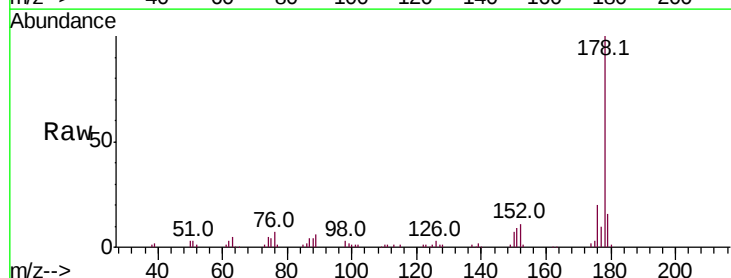
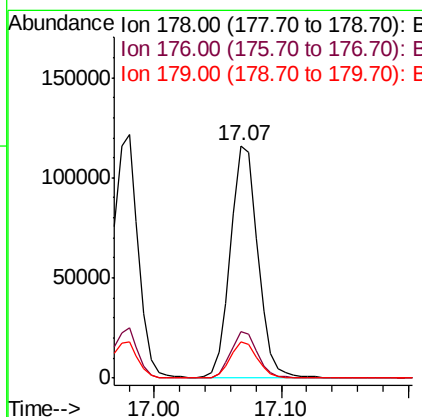
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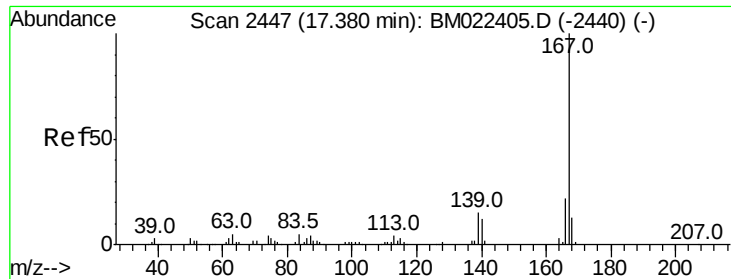
mohammad
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#72
 Anthracene
 Concen: 42.924 ng
 RT: 17.07 min Scan# 2394
 Delta R.T. -0.01 min
 Lab File: BM022478.D
 Acq: 01 Sep 2019 15:44

Tgt Ion	Ratio	Lower	Upper
178	100		
176	20.1	15.0	22.4
179	15.7	11.8	17.6





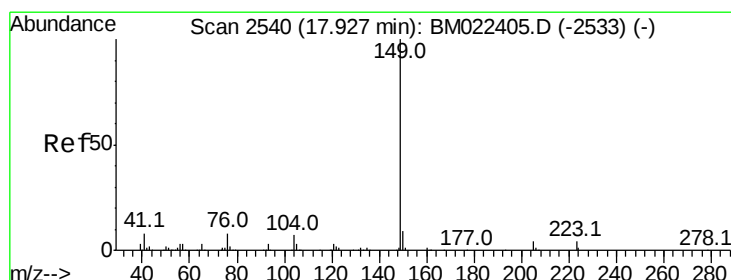
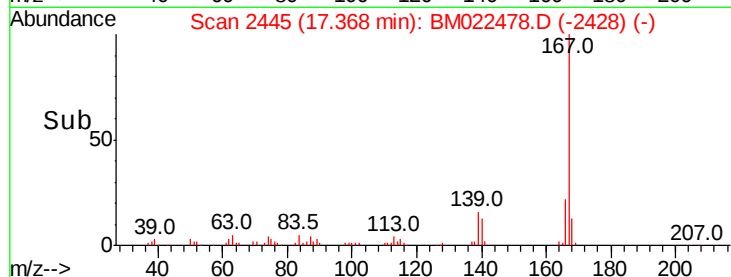
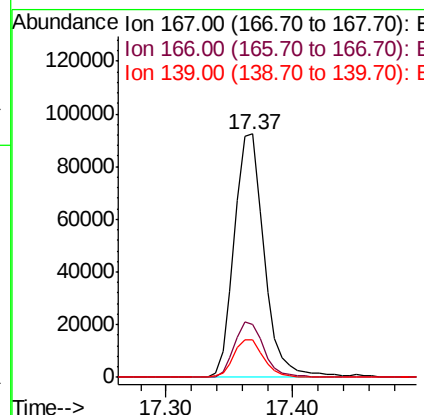
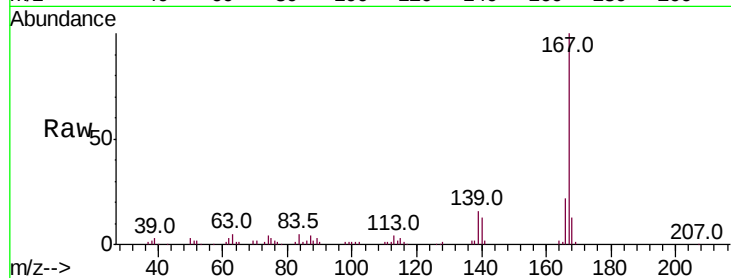
#73
 Carbazole
 Concen: 45.288 ng
 RT: 17.37 min Scan# 2445
 Delta R.T. -0.00 min
 Lab File: BM022478.D
 Acq: 01 Sep 2019 15:44

Instrument :
 BNA_M
 ClientSampleId :
 TP1-COMPMSD

Tot Ion	Ratio	Lower	Upper
167	100		
166	21.6	17.8	26.6
139	15.7	11.6	17.4

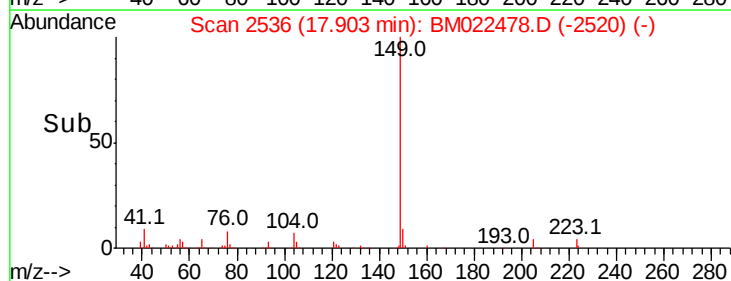
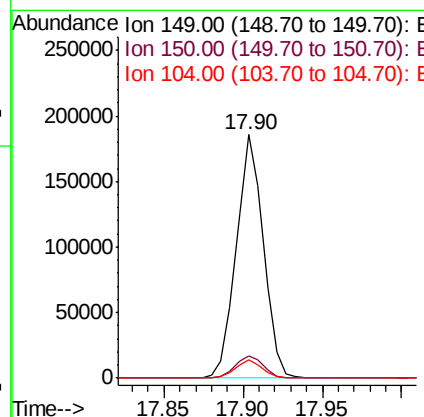
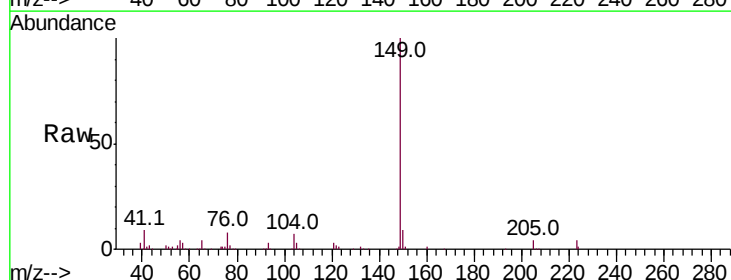
Manual Integrations
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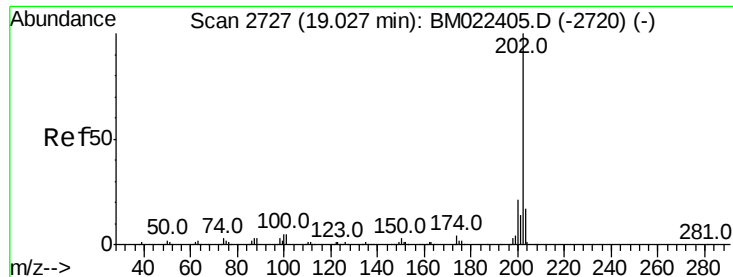
mohammad
 9/6/2019 8:16:40 AM



#74
 Di-n-butylphthalate
 Concen: 48.427 ng
 RT: 17.90 min Scan# 2536
 Delta R.T. -0.01 min
 Lab File: BM022478.D
 Acq: 01 Sep 2019 15:44

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.0	7.4	11.0
104	7.3	5.6	8.4





#75

Fluoranthene

Concen: 50.032 ng

RT: 19.01 min Scan# 2724

Delta R.T. -0.01 min

Lab File: BM022478.D

Acq: 01 Sep 2019 15:44

Instrument :

BNA_M

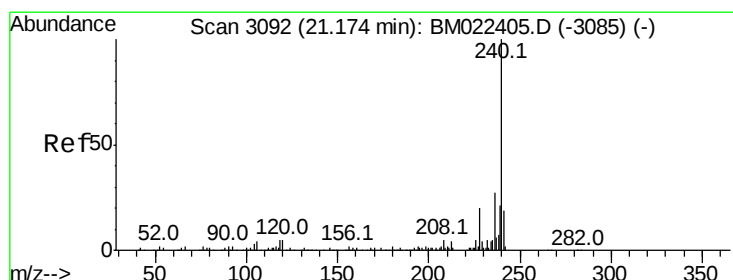
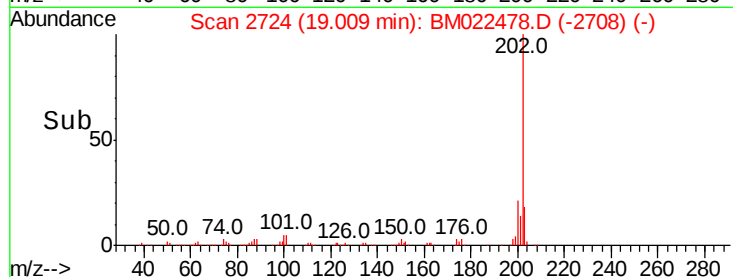
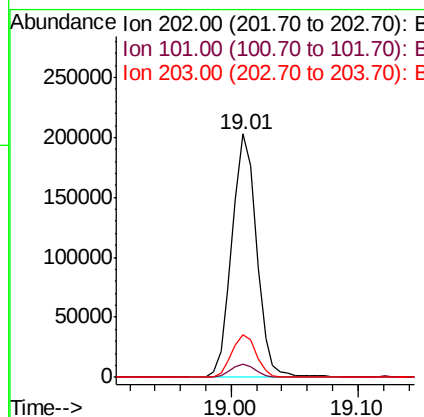
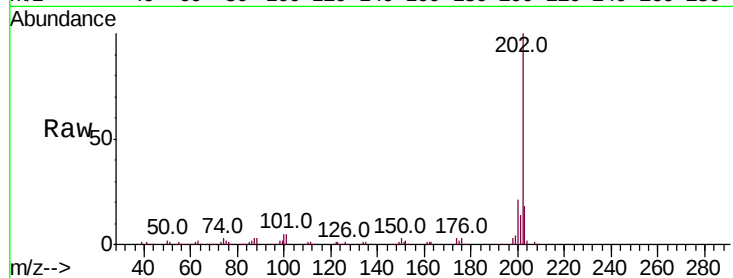
ClientSampleId :

TP1-COMPMSD

Tot Ion:	202	Resp:	273964
Ion Ratio	Lower	Upper	
202	100		
101	5.4	0.0	25.1
203	17.8	0.0	37.1

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#76

Chrysene-d12

Concen: 20.000 ng

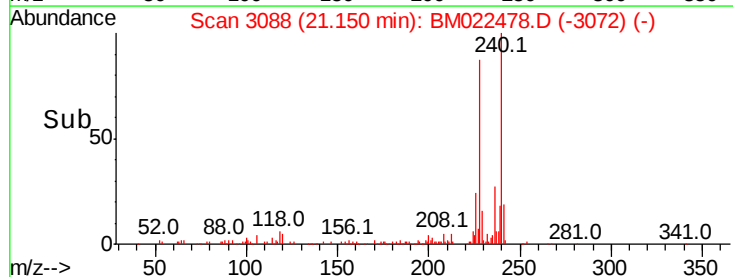
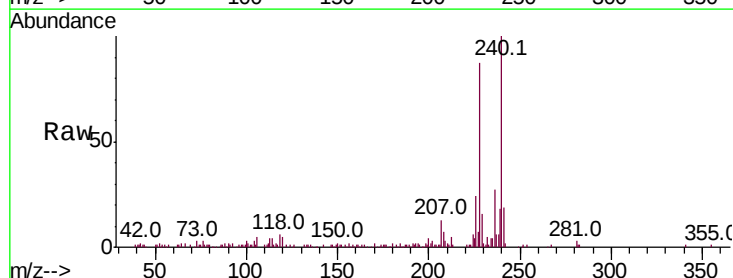
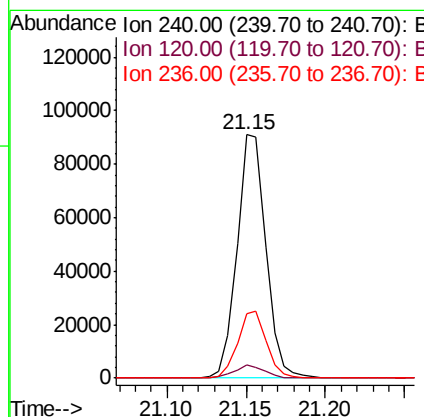
RT: 21.15 min Scan# 3088

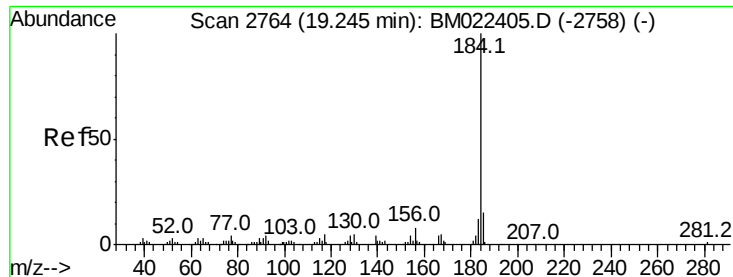
Delta R.T. -0.01 min

Lab File: BM022478.D

Acq: 01 Sep 2019 15:44

Tgt Ion:	240	Resp:	114922
Ion Ratio	Lower	Upper	
240	100		
120	5.3	3.9	5.9
236	26.6	21.4	32.2





#77

Benzidine

Concen: 39.325 ng

RT: 19.23 min Scan# 2761

Delta R.T. -0.01 min

Lab File: BM022478.D

Acq: 01 Sep 2019 15:44

Instrument :

BNA_M

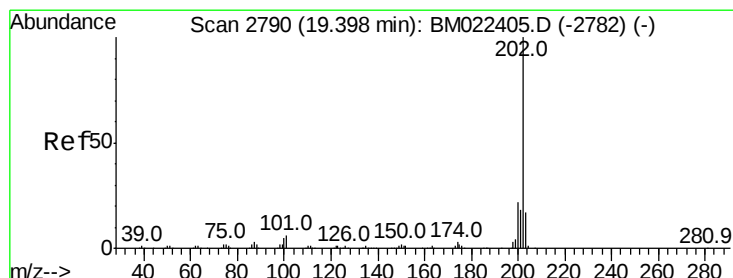
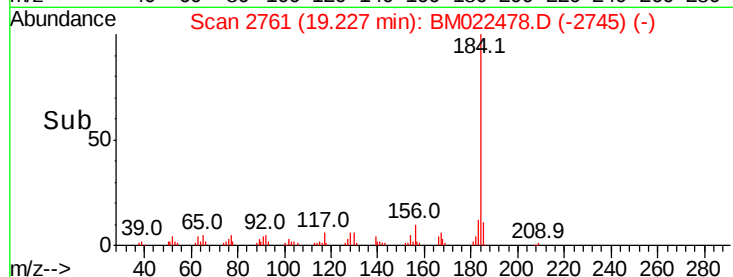
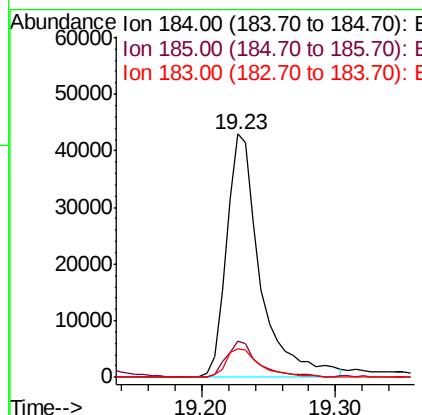
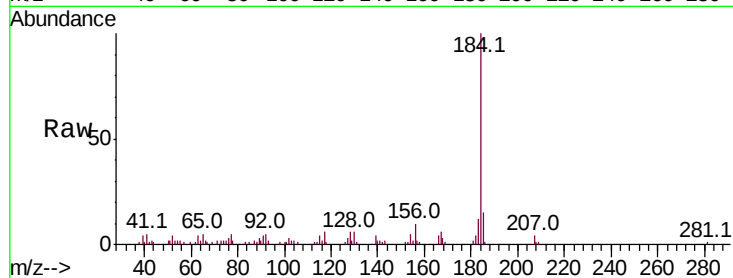
ClientSampleId :

TP1-COMPMSD

Tot Ion:	184	Resp:	76100
Ion Ratio	Lower	Upper	
184	100		
185	14.7	11.8	17.6
183	11.8	9.4	14.2

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#78

Pyrene

Concen: 36.860 ng

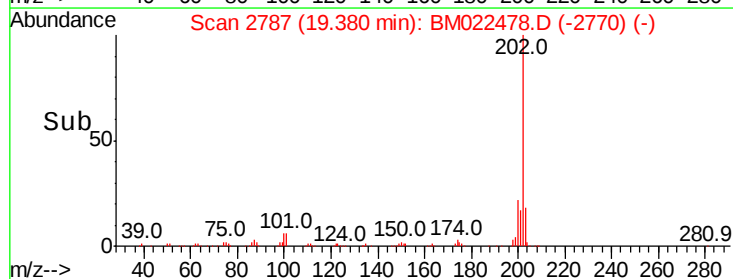
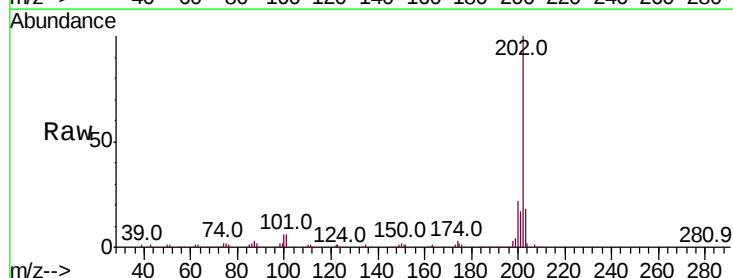
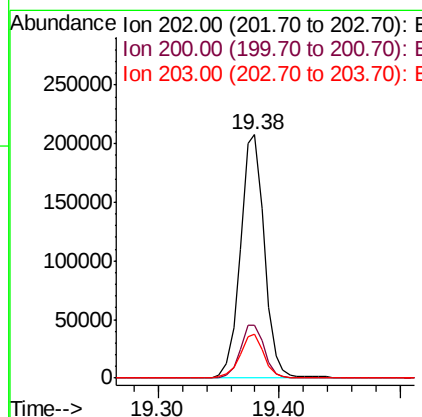
RT: 19.38 min Scan# 2787

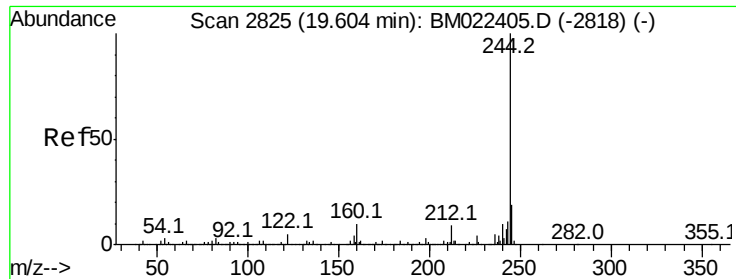
Delta R.T. -0.00 min

Lab File: BM022478.D

Acq: 01 Sep 2019 15:44

Tgt Ion:	202	Resp:	288688
Ion Ratio	Lower	Upper	
202	100		
200	21.6	17.7	26.5
203	18.1	13.8	20.8





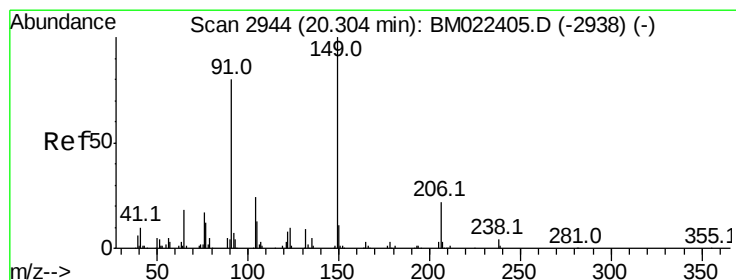
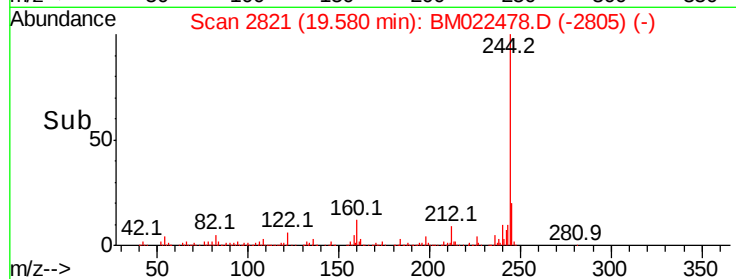
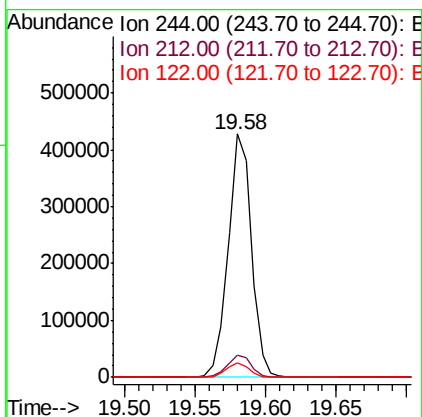
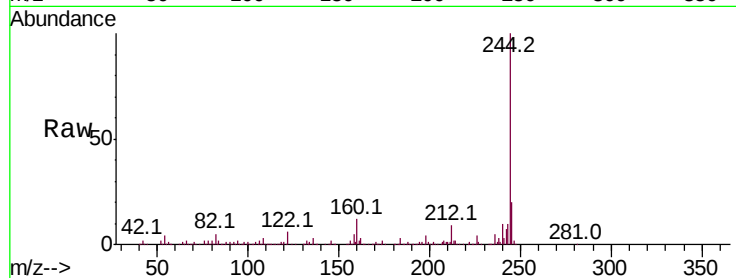
#79
 Terphenyl-d14
 Concen: 56.389 ng
 RT: 19.58 min Scan# 2821
 Delta R.T. -0.01 min
 Lab File: BM022478.D
 Acq: 01 Sep 2019 15:44

Instrument :
 BNA_M
 ClientSampleId :
 TP1-COMPMSD

Tot Ion	Ratio	Lower	Upper
244	100		
212	8.9	7.0	10.4
122	5.8	3.9	5.9

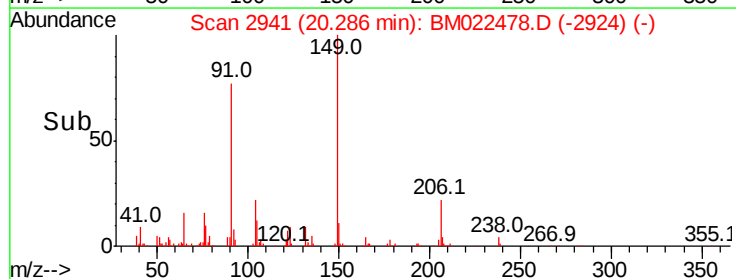
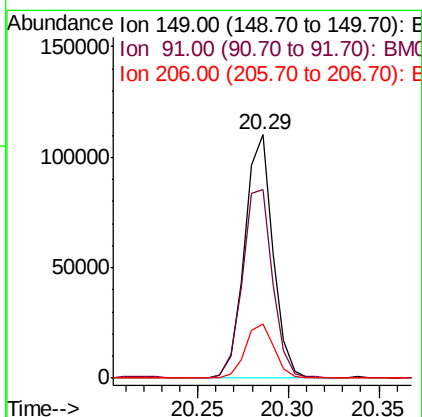
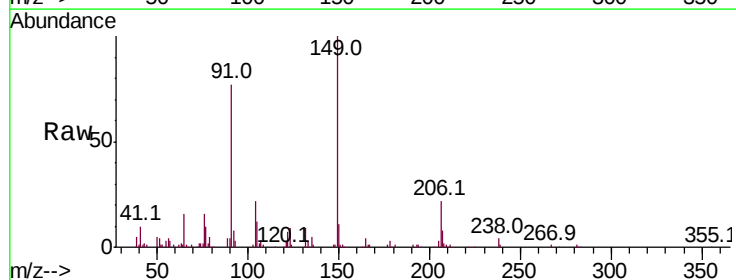
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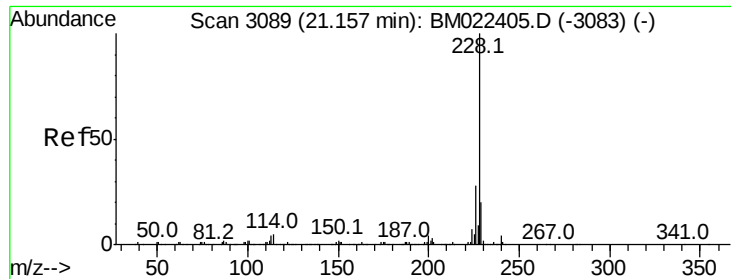
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#80
 Butylbenzylphthalate
 Concen: 43.812 ng
 RT: 20.29 min Scan# 2941
 Delta R.T. -0.00 min
 Lab File: BM022478.D
 Acq: 01 Sep 2019 15:44

Tgt Ion	Ratio	Lower	Upper
149	100		
91	77.4	64.0	96.0
206	22.3	17.6	26.4





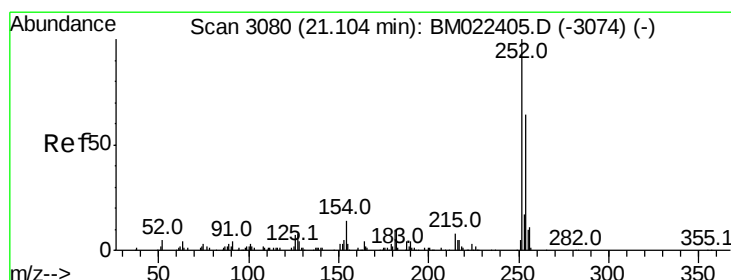
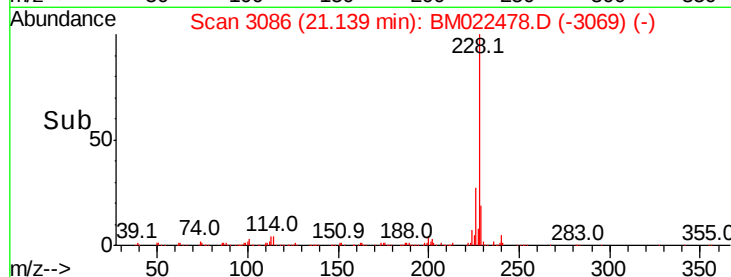
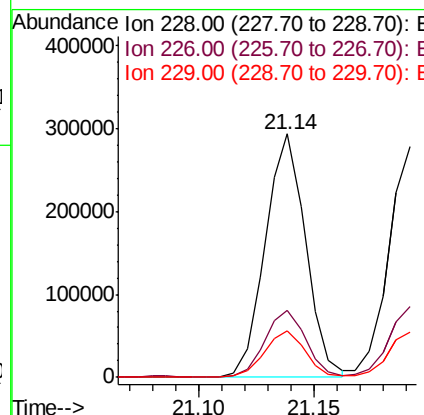
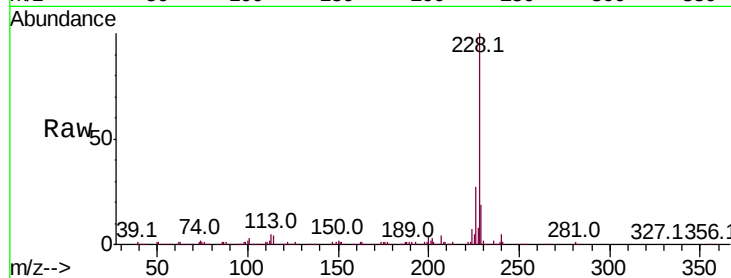
#81
Benzo(a)anthracene
Concen: 43.113 ng
RT: 21.14 min Scan# 3086
Delta R.T. -0.00 min
Lab File: BM022478.D
Acq: 01 Sep 2019 15:44

Instrument :
BNA_M
ClientSampleId :
TP1-COMPMSD

Tot Ion	Ratio	Lower	Upper
228	100		
226	27.3	22.6	34.0
229	19.2	15.9	23.9

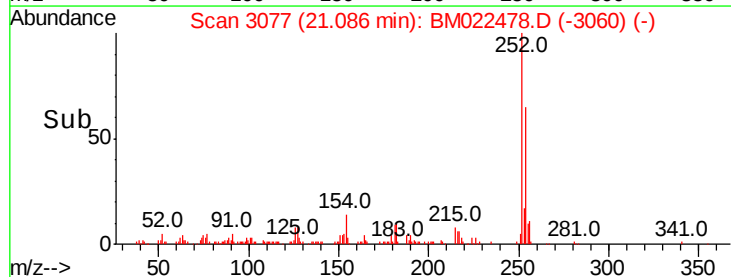
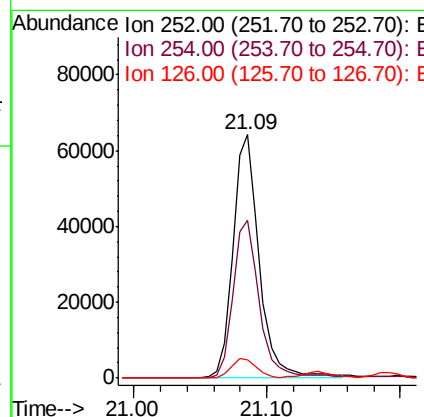
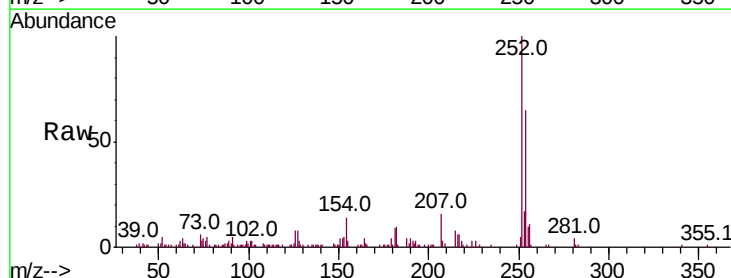
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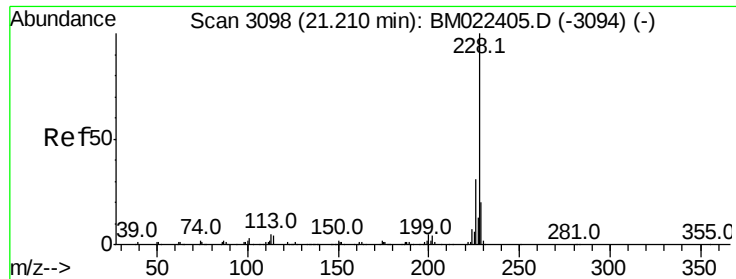
mohammad
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#82
3,3'-Dichlorobenzidine
Concen: 34.606 ng
RT: 21.09 min Scan# 3077
Delta R.T. -0.00 min
Lab File: BM022478.D
Acq: 01 Sep 2019 15:44

Tgt Ion	Ratio	Lower	Upper
252	100		
254	64.9	51.0	76.4
126	7.7	5.8	8.8





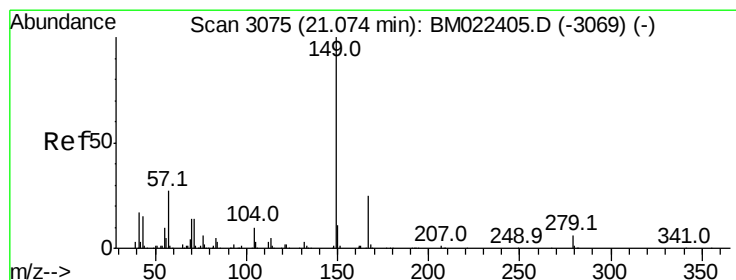
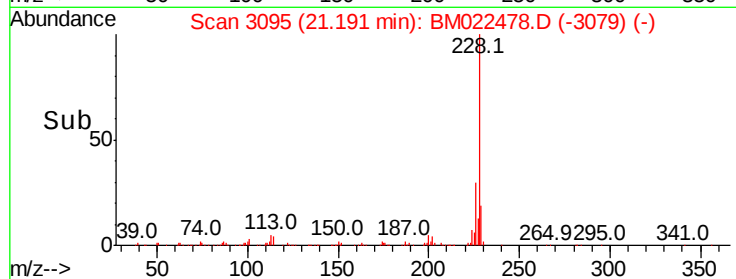
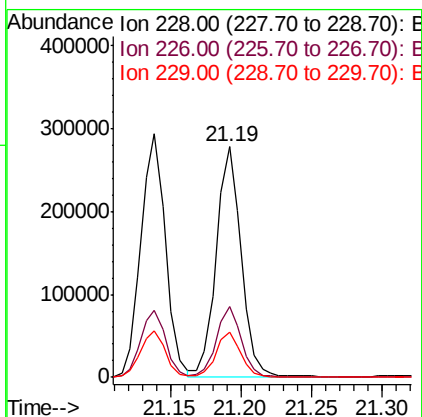
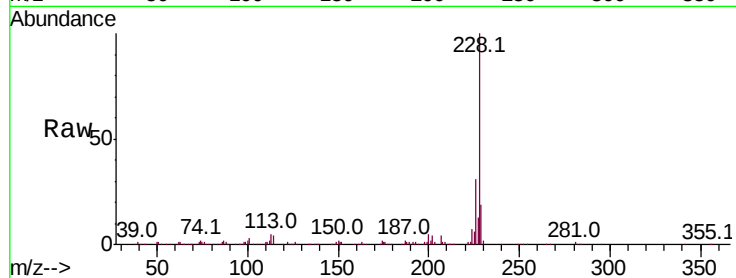
#83
 Chrysene
 Concen: 43.352 ng
 RT: 21.19 min Scan# 3095
 Delta R.T. -0.01 min
 Lab File: BM022478.D
 Acq: 01 Sep 2019 15:44

Instrument :
 BNA_M
 ClientSampleId :
 TP1-COMPMSD

Tot Ion	Ratio	Lower	Upper
228	100		
226	30.6	24.5	36.7
229	19.4	15.7	23.5

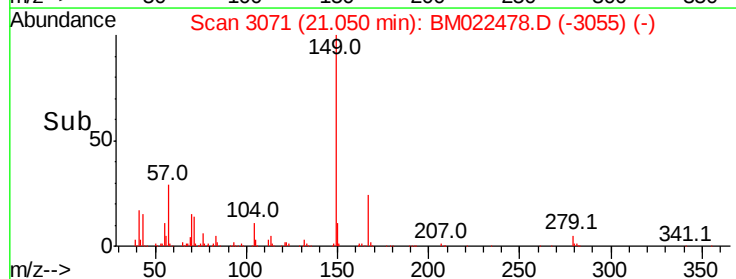
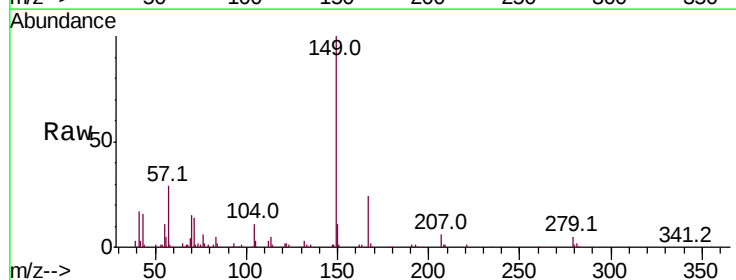
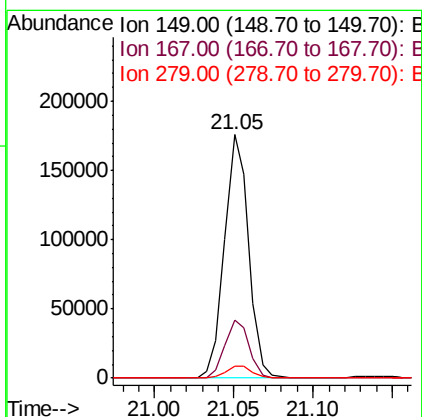
Manual Integrations
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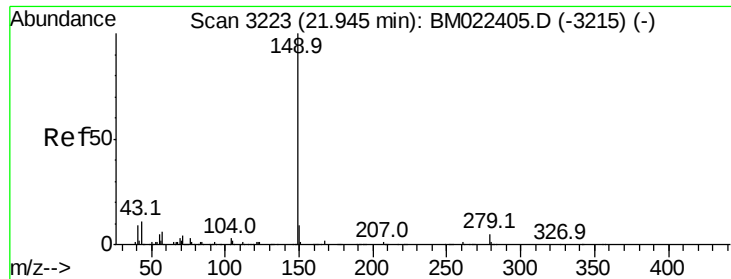
mohammad
 9/6/2019 8:16:40 AM



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 50.016 ng
 RT: 21.05 min Scan# 3071
 Delta R.T. -0.01 min
 Lab File: BM022478.D
 Acq: 01 Sep 2019 15:44

Tgt Ion	Ratio	Lower	Upper
149	100		
167	23.9	19.6	29.4
279	5.2	4.4	6.6





#85

Di-n-octyl phthalate

Concen: 57.231 ng

RT: 21.92 min Scan# 3219

Delta R.T. -0.00 min

Lab File: BM022478.D

Acq: 01 Sep 2019 15:44

Instrument :

BNA_M

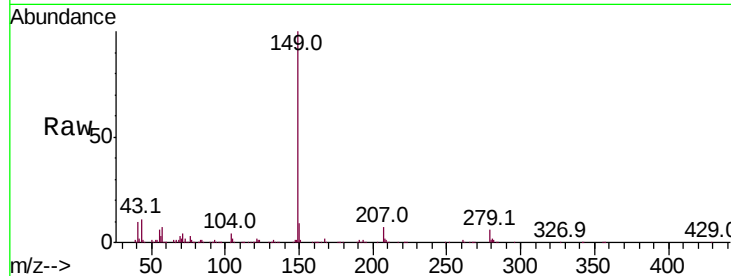
ClientSampleId :

TP1-COMPMSD

Tot Ion:	149	Resp:	341120
Ion Ratio	Lower	Upper	
149	100		
167	1.5	1.2	1.8
43	11.3	9.0	13.6

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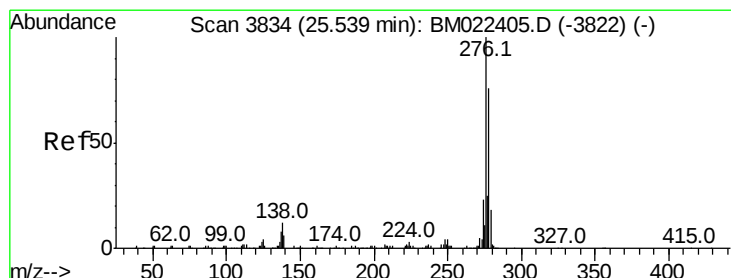
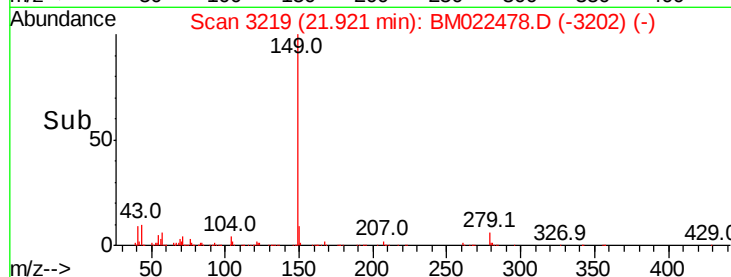
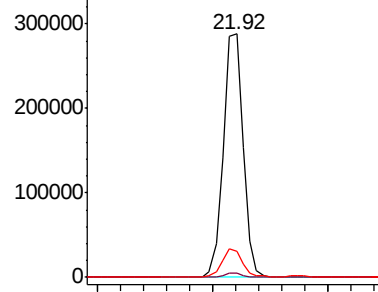


Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BM



#86

Indeno(1,2,3-cd)pyrene

Concen: 56.189 ng

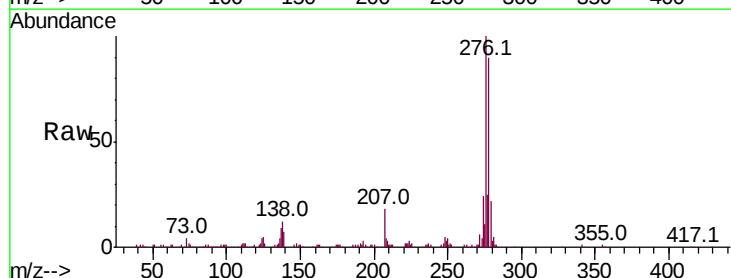
RT: 25.51 min Scan# 3830

Delta R.T. -0.00 min

Lab File: BM022478.D

Acq: 01 Sep 2019 15:44

Tgt Ion:	276	Resp:	443745
Ion Ratio	Lower	Upper	
276	100		
138	12.6	9.1	13.7
277	25.6	20.0	30.0

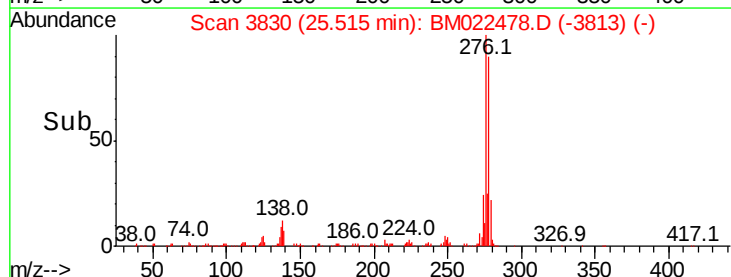
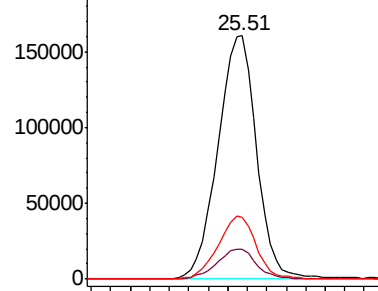


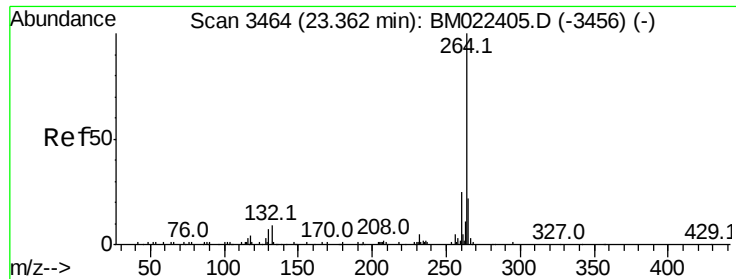
Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#87

Pervlene-d12

Concen: 20.000 ng

RT: 23.34 min Scan# 3460

Delta R.T. -0.01 min

Lab File: BM022478.D

Acq: 01 Sep 2019 15:44

Instrument :

BNA_M

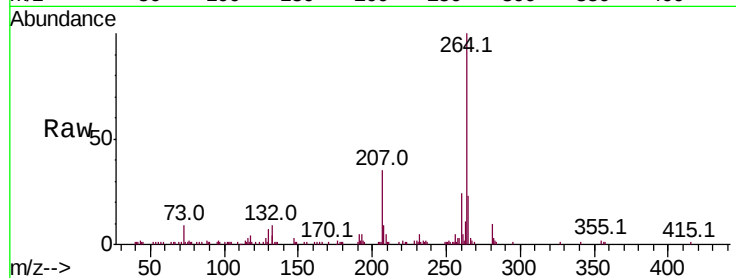
ClientSampleId :

TP1-COMPMSD

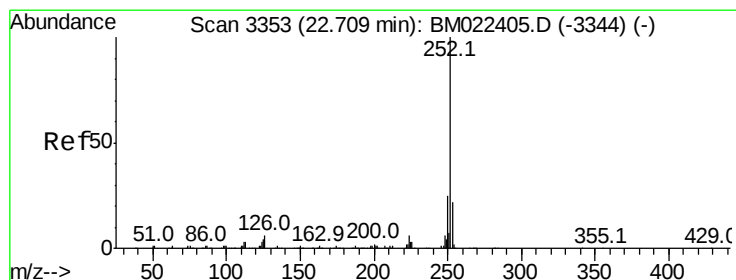
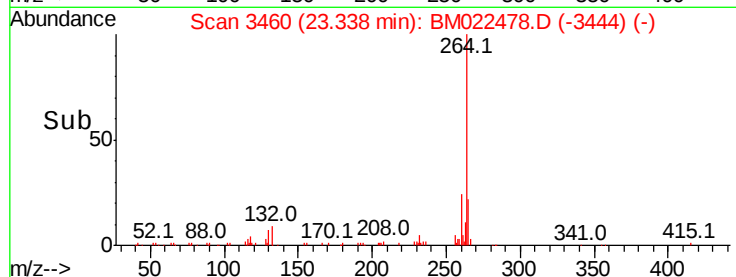
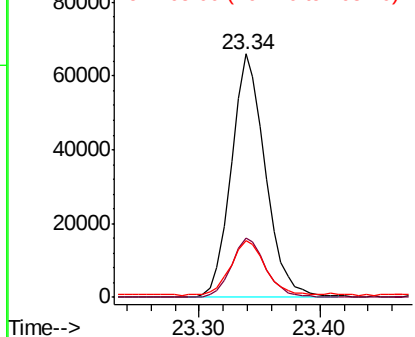
Tot Ion:	264	Resp:	129643
Ion Ratio	Lower	Upper	
264	100		
260	24.3	20.2	30.2
265	23.5	18.2	27.2

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Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 40.342 ng

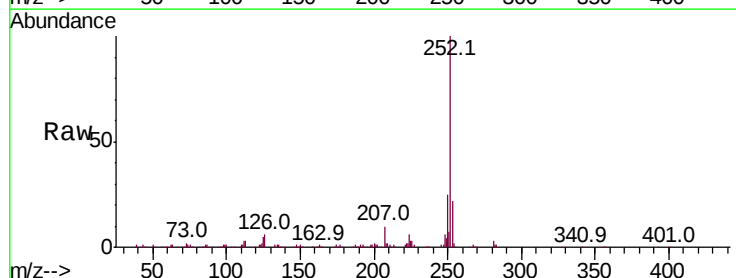
RT: 22.69 min Scan# 3349

Delta R.T. -0.01 min

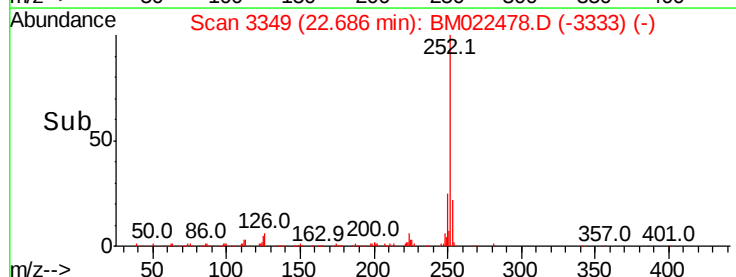
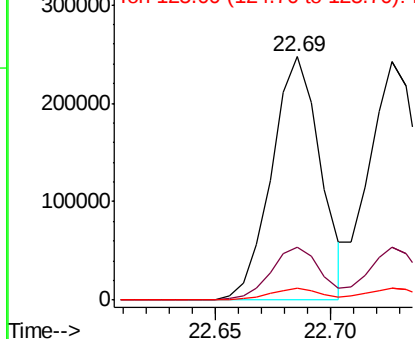
Lab File: BM022478.D

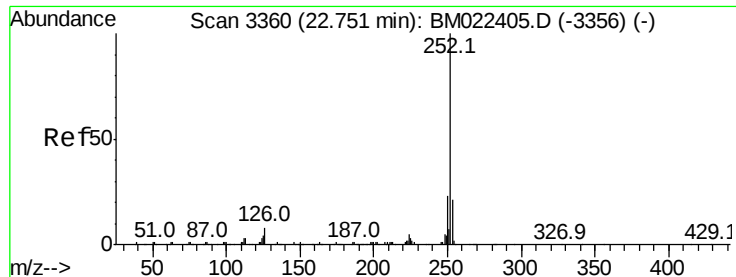
Acq: 01 Sep 2019 15:44

Tgt Ion:	252	Resp:	363336
Ion Ratio	Lower	Upper	
252	100		
253	21.9	17.9	26.9
125	4.8	3.5	5.3



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E





#89

Benzo(k)fluoranthene

Concen: 41.866 ng

RT: 22.73 min Scan# 3356

Delta R.T. -0.01 min

Lab File: BM022478.D

Acq: 01 Sep 2019 15:44

Instrument :

BNA_M

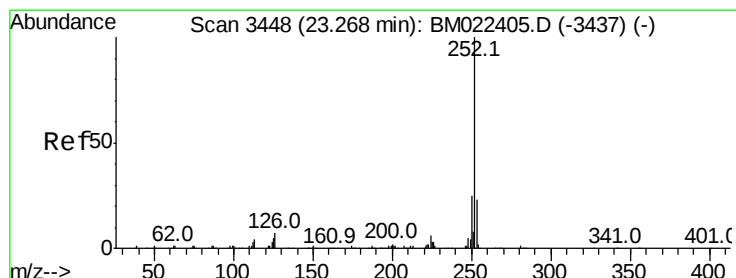
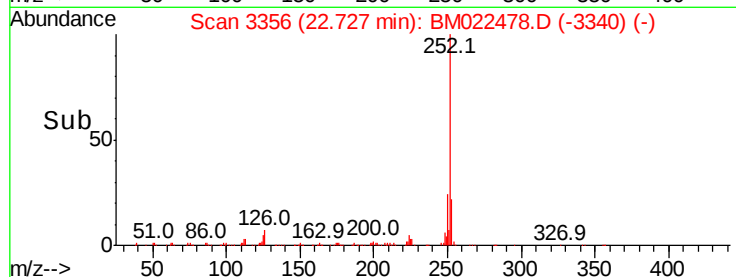
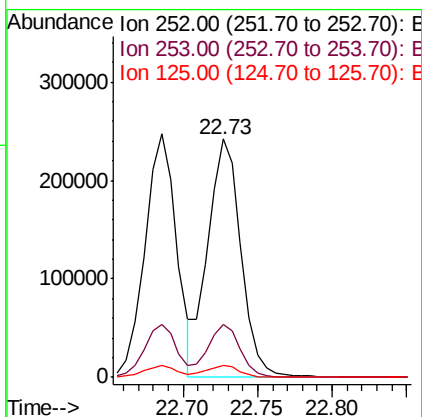
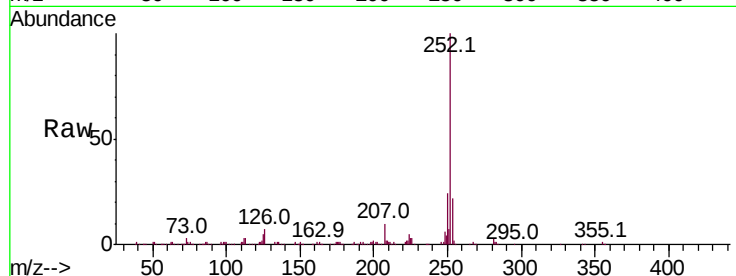
ClientSampleId :

TP1-COMPMSD

Tot Ion:	252	Resp:	374053
Ion Ratio	Lower	Upper	
252	100		
253	22.0	17.0	25.4
125	5.1	3.7	5.5

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#90

Benzo(a)pyrene

Concen: 44.810 ng

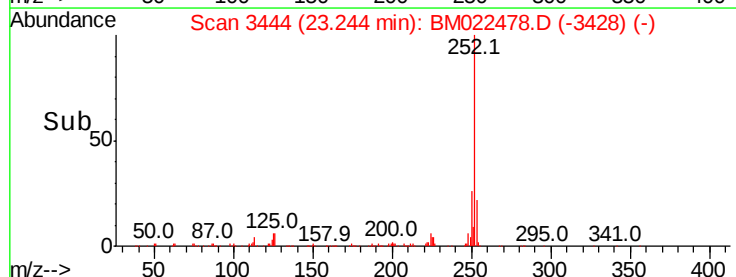
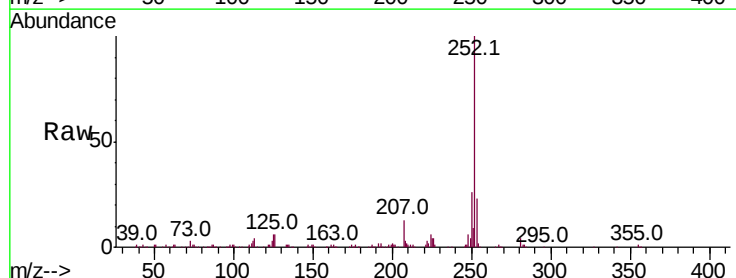
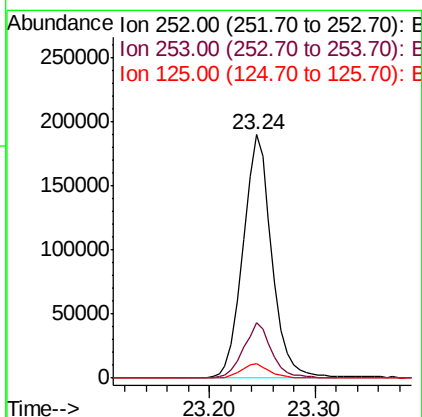
RT: 23.24 min Scan# 3444

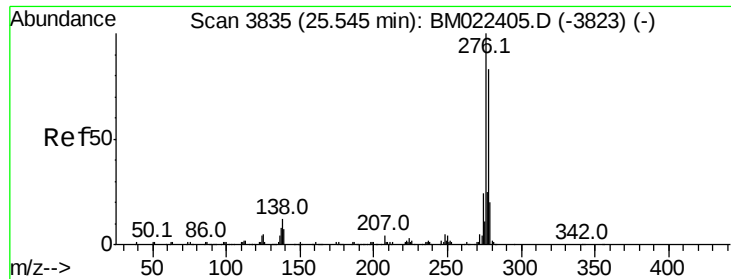
Delta R.T. -0.01 min

Lab File: BM022478.D

Acq: 01 Sep 2019 15:44

Tgt Ion:	252	Resp:	358213
Ion Ratio	Lower	Upper	
252	100		
253	22.6	18.2	27.2
125	6.1	3.8	5.8





#91

Dibenzo(a,h)anthracene

Concen: 47.005 ng

RT: 25.51 min Scan# 3830

Delta R.T. -0.00 min

Lab File: BM022478.D

Acq: 01 Sep 2019 15:44

Instrument :

BNA_M

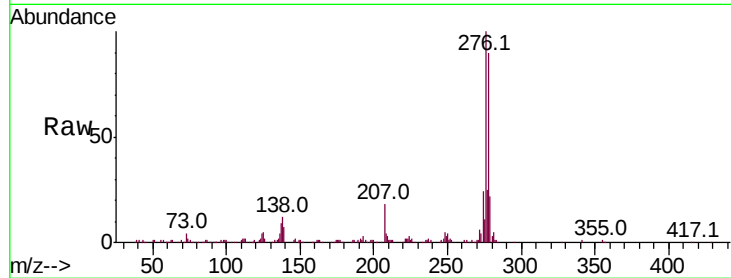
ClientSampleId :

TP1-COMPMSD

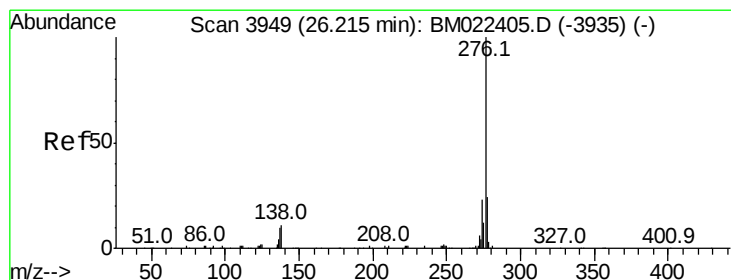
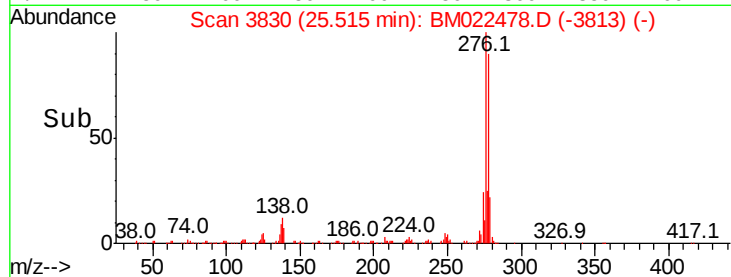
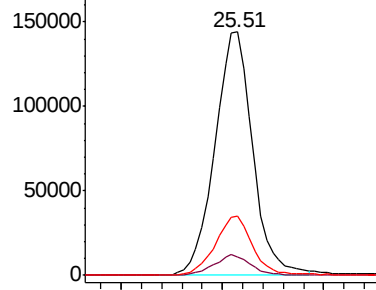
Tot Ion:	278	Resp:	374696
Ion Ratio	Lower	Upper	
278	100		
139	7.6	6.6	9.8
279	24.3	19.3	28.9

Manual Integrations
APPROVED

mohammad
9/6/2019 8:16:40 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: 47.909 ng

RT: 26.18 min Scan# 3943

Delta R.T. -0.01 min

Lab File: BM022478.D

Acq: 01 Sep 2019 15:44

Tgt Ion:	276	Resp:	332844
Ion Ratio	Lower	Upper	
276	100		
277	23.6	19.4	29.0
138	11.3	8.8	13.2

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

