

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM051019\
 Data File : BM020242.D
 Acq On : 10 May 2019 15:15
 Operator : JU/SJ
 Sample : K2746-02MSD
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 COMP-5.8.19MSD

Manual Integrations
 APPROVED

Sohil
 5/17/2019 5:59:43 PM

Quant Time: May 11 02:05:53 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM043019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 01 03:58:37 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.77	152	67753	20.00	ng	-0.02
21) Naphthalene-d8	10.57	136	299265	20.00	ng	-0.02
39) Acenaphthene-d10	14.42	164	208441	20.00	ng	-0.01
64) Phenanthrene-d10	17.17	188	538184	20.00	ng	-0.01
76) Chrysene-d12	21.36	240	618603	20.00	ng	0.00
87) Perylene-d12	23.65	264	715376	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.36	112	542236	130.82	ng	-0.01
7) Phenol-d6	6.95	99	797361	140.81	ng	0.00
23) Nitrobenzene-d5	8.95	82	539075	71.12	ng	-0.01
42) 2,4,6-Tribromophenol	15.92	330	420508	129.97	ng	0.00
45) 2-Fluorobiphenyl	13.04	172	1124052	66.35	ng	-0.02
79) Terphenyl-d14	19.80	244	2303505	64.95	ng	-0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.29	88	54444	26.782	ng	96
3) Pyridine	3.69	79	171832	33.050	ng	95
4) n-Nitrosodimethylamine	3.61	42	62016	37.198	ng	# 69
6) Aniline	7.11	93	190744	26.759	ng	98
8) 2-Chlorophenol	7.34	128	198310	43.940	ng	97
9) Benzaldehyde	6.93	77	113520	26.487	ng	94
10) Phenol	6.97	94	293709	48.181	ng	90
11) bis(2-Chloroethyl)ether	7.21	93	187256	42.264	ng	98
12) 1,3-Dichlorobenzene	7.66	146	196097	37.344	ng	96
13) 1,4-Dichlorobenzene	7.81	146	202012	38.082	ng	97
14) 1,2-Dichlorobenzene	8.12	146	196960	38.972	ng	98
15) Benzyl Alcohol	8.02	79	233611	42.784	ng	96
16) 2,2'-oxybis(1-Chloropropan	8.30	45	150189	40.880	ng	98
17) 2-Methylphenol	8.22	107	186683	47.573	ng	94
18) Hexachloroethane	8.84	117	77580	35.075	ng	97
19) n-Nitroso-di-n-propylamine	8.58	70	203104	41.924	ng	96
20) 3+4-Methylphenols	8.55	107	254165	48.733	ng	95
22) Acetophenone	8.60	105	323554	39.559	ng	# 96
24) Nitrobenzene	8.99	77	289839	36.878	ng	94
25) Isophorone	9.50	82	532922	40.769	ng	99
26) 2-Nitrophenol	9.69	139	110914	46.745	ng	95
27) 2,4-Dimethylphenol	9.75	122	191617	48.508	ng	99
28) bis(2-Chloroethoxy)methane	9.99	93	282938	39.742	ng	100
29) 2,4-Dichlorophenol	10.22	162	220411	44.249	ng	100
30) 1,2,4-Trichlorobenzene	10.43	180	229580	37.458	ng	97
31) Naphthalene	10.62	128	599391	38.596	ng	99
32) Benzoic acid	9.85	122	40771	19.119	ng	# 88
33) 4-Chloroaniline	10.74	127	102333	16.010	ng	97
34) Hexachlorobutadiene	10.88	225	144000	33.212	ng	98
35) Caprolactam	11.55	113	76233m	51.183	ng	
36) 4-Chloro-3-methylphenol	11.86	107	256038	43.740	ng	95
37) 2-Methylnaphthalene	12.23	142	473837	41.851	ng	97
38) 1-Methylnaphthalene	12.45	142	455574	41.149	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.60	216	290772	35.656	ng	99

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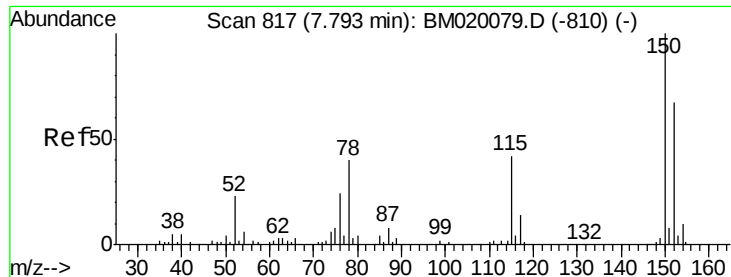
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.56	237	280389	58.394	ng	100
43) 2,4,6-Trichlorophenol	12.85	196	205213	44.277	ng	99
44) 2,4,5-Trichlorophenol	12.92	196	220306	42.550	ng	97
46) 1,1'-Biphenyl	13.25	154	639461	37.272	ng	98
47) 2-Chloronaphthalene	13.29	162	513102	37.457	ng	99
48) 2-Nitroaniline	13.51	65	193742	39.727	ng	94
49) Acenaphthylene	14.14	152	822150	37.502	ng	99
50) Dimethylphthalate	13.88	163	796983	44.987	ng	99
51) 2,6-Dinitrotoluene	14.01	165	153798	41.218	ng	88
52) Acenaphthene	14.49	154	483927	38.494	ng	99
53) 3-Nitroaniline	14.34	138	92728	26.776	ng	97
54) 2,4-Dinitrophenol	14.55	184	128862	70.117	ng	90
55) Dibenzofuran	14.82	168	818764	38.611	ng	96
56) 4-Nitrophenol	14.65	139	263457	89.163	ng	86
57) 2,4-Dinitrotoluene	14.80	165	219363	43.265	ng	94
58) Fluorene	15.47	166	670501	38.500	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.04	232	218770	44.463	ng	97
60) Diethylphthalate	15.24	149	692169	38.780	ng	100
61) 4-Chlorophenyl-phenylether	15.46	204	372051	37.704	ng	95
62) 4-Nitroaniline	15.51	138	150791m	39.455	ng	
63) Azobenzene	15.76	77	753516	35.786	ng	98
65) 4,6-Dinitro-2-methylphenol	15.56	198	115135	43.235	ng	97
66) n-Nitrosodiphenylamine	15.69	169	610224	38.533	ng	99
67) 4-Bromophenyl-phenylether	16.36	248	240921	36.506	ng	93
68) Hexachlorobenzene	16.46	284	275946	36.336	ng	97
69) Atrazine	16.63	200	232992	37.648	ng	99
70) Pentachlorophenol	16.82	266	377677	86.918	ng	98
71) Phenanthrene	17.21	178	1119335	37.678	ng	99
72) Anthracene	17.30	178	1150754	38.742	ng	100
73) Carbazole	17.58	167	1050530	39.197	ng	99
74) Di-n-butylphthalate	18.13	149	1215517	37.686	ng	98
75) Fluoranthene	19.23	202	1482624	39.444	ng	100
77) Benzidine	19.43	184	664117	33.580	ng	99
78) Pyrene	19.59	202	1506788	36.280	ng	100
80) Butylbenzylphthalate	20.49	149	611863	40.512	ng	98
81) Benzo(a)anthracene	21.34	228	1566614	36.112	ng	100
82) 3,3'-Dichlorobenzidine	21.28	252	465210	28.096	ng	100
83) Chrysene	21.40	228	1562518	37.138	ng	99
84) Bis(2-ethylhexyl)phthalate	21.26	149	909507	38.808	ng	98
85) Di-n-octyl phthalate	22.15	149	1607912	41.279	ng	97
86) Indeno(1,2,3-cd)pyrene	25.99	276	1779336	35.554	ng	# 100
88) Benzo(b)fluoranthene	22.96	252	1731794	36.660	ng	100
89) Benzo(k)fluoranthene	23.00	252	1676932	38.916	ng	99
90) Benzo(a)pyrene	23.55	252	1645498	38.349	ng	98
91) Dibenzo(a,h)anthracene	26.00	278	1543300	34.585	ng	100
92) Benzo(g,h,i)perylene	26.70	276	1393582	32.894	ng	99

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



#1

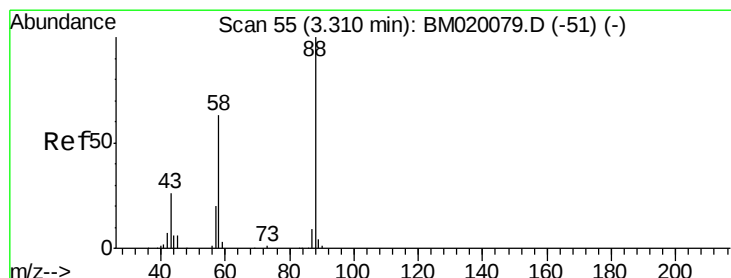
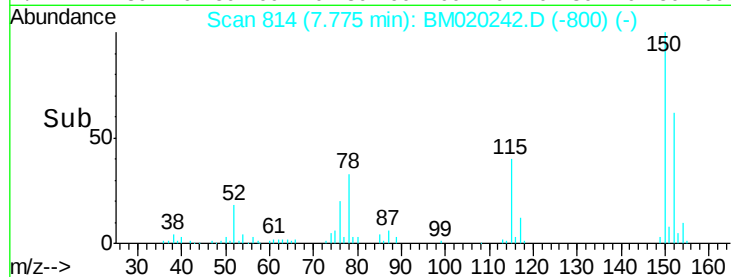
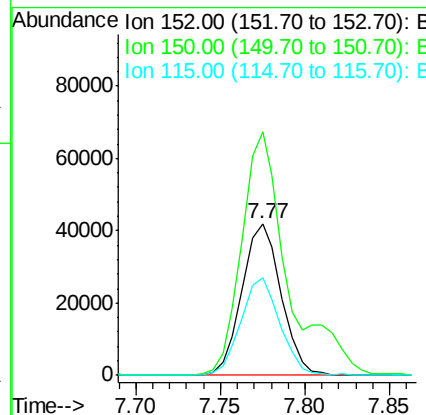
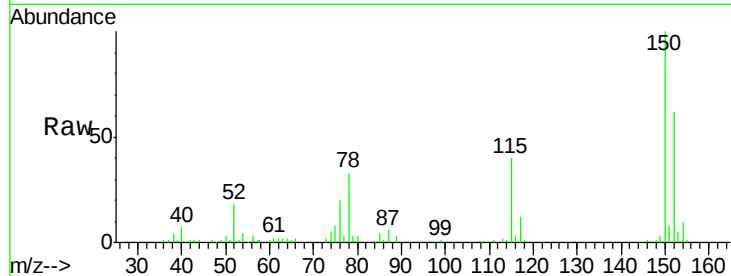
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.77 min Scan# 814
Delta R.T. -0.02 min
Lab File: BM020242.D
Acq: 10 May 2019 15:15

Instrument :
BNA_M
ClientSampleId :
COMP-5.8.19MSD

Tgt Ion	Ratio	Lower	Upper
152	100		
150	160.7	119.8	179.8
115	64.5	50.8	76.2

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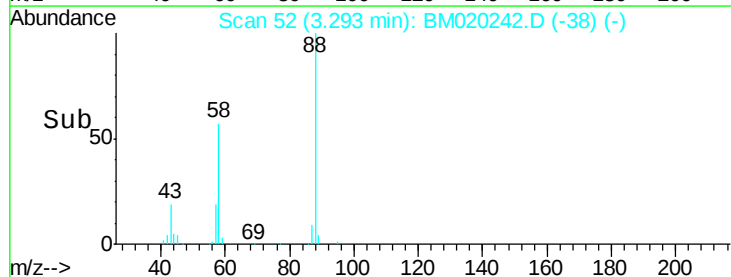
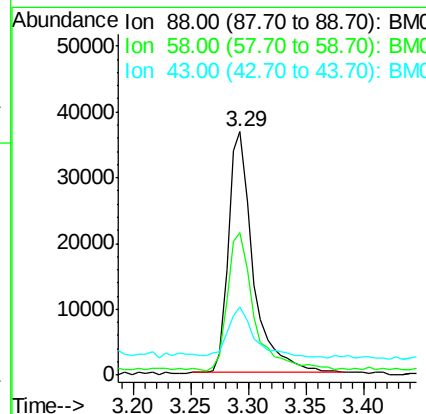
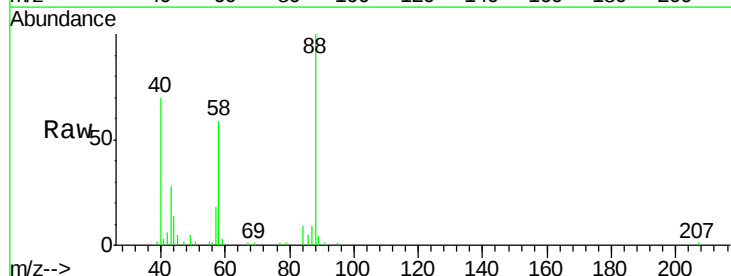
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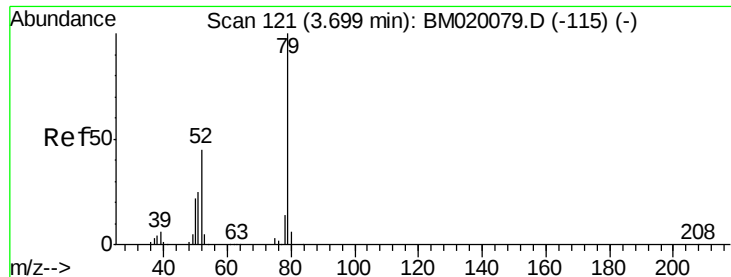


#2

1,4-Dioxane
Concen: 26.782 ng
RT: 3.29 min Scan# 52
Delta R.T. -0.02 min
Lab File: BM020242.D
Acq: 10 May 2019 15:15

Tgt Ion	Ratio	Lower	Upper
88	100		
58	61.3	51.8	77.6
43	23.8	20.3	30.5





#3

Pyridine

Concen: 33.050 ng

RT: 3.69 min Scan# 119

Delta R.T. -0.01 min

Lab File: BM020242.D

Acq: 10 May 2019 15:15

Instrument :

BNA_M

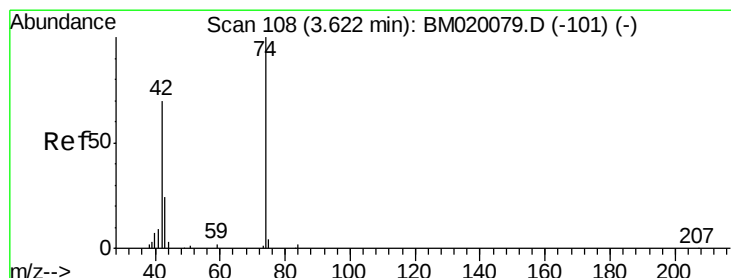
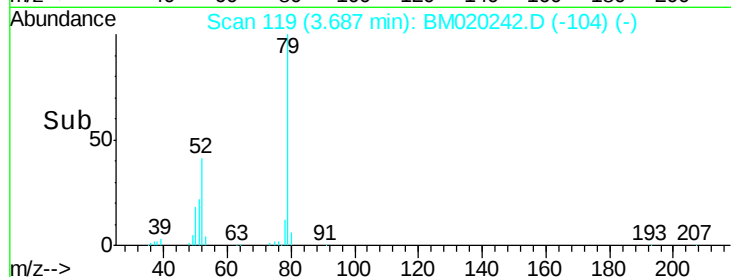
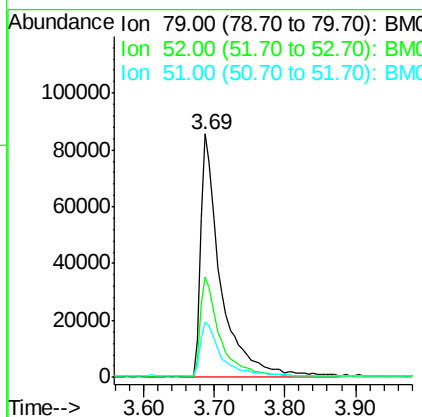
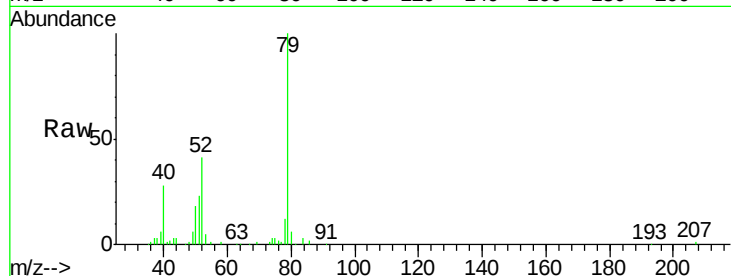
ClientSampleId :

COMP-5.8.19MSD

Tgt Ion:	79	Resp:	171832
Ion	Ratio	Lower	Upper
79	100		
52	41.4	35.7	53.5
51	22.8	20.8	31.2

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#4

n-Nitrosodimethylamine

Concen: 37.198 ng

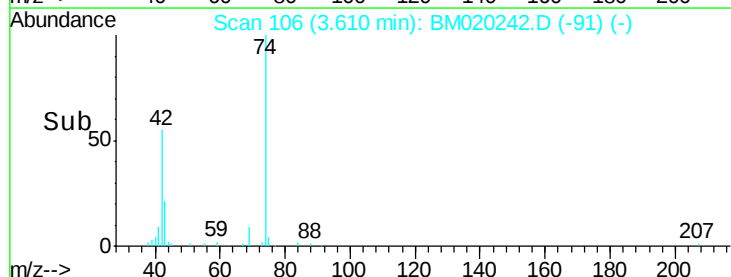
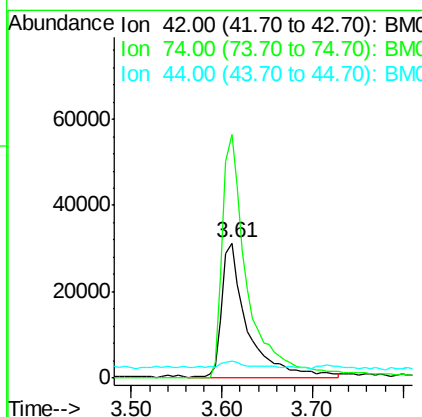
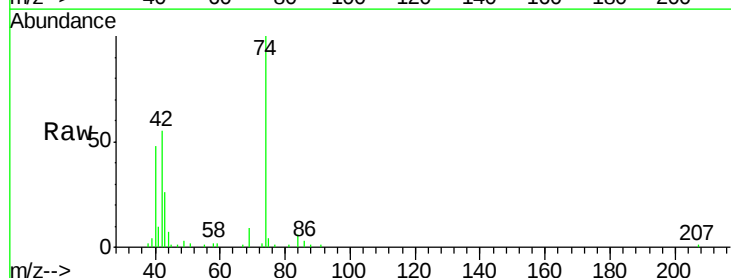
RT: 3.61 min Scan# 106

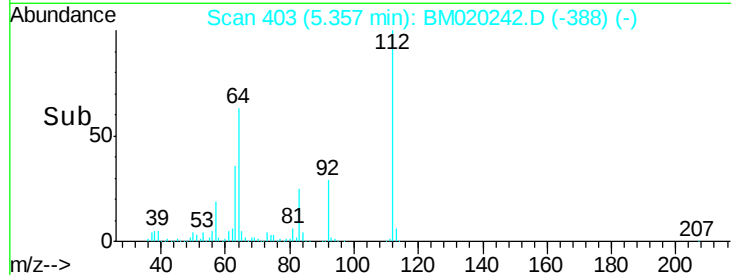
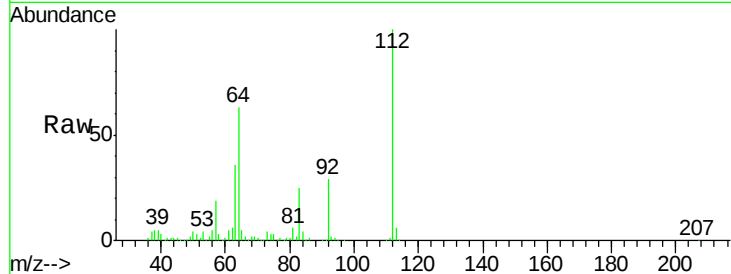
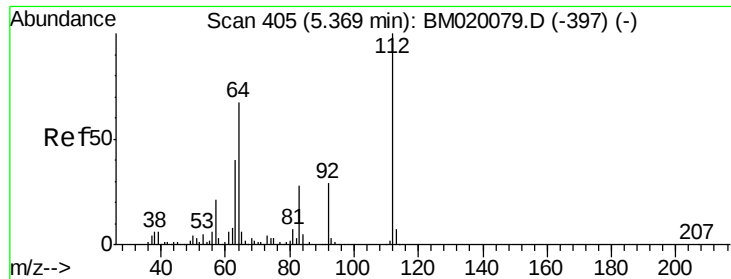
Delta R.T. -0.01 min

Lab File: BM020242.D

Acq: 10 May 2019 15:15

Tgt Ion:	42	Resp:	62016
Ion	Ratio	Lower	Upper
42	100		
74	180.5	113.7	170.5#
44	12.4	3.9	5.9#





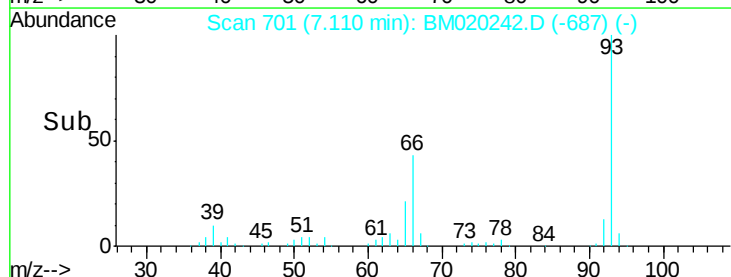
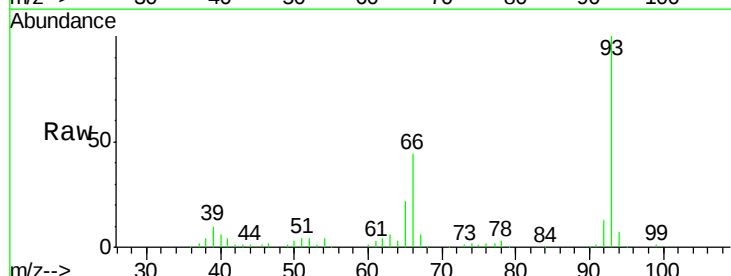
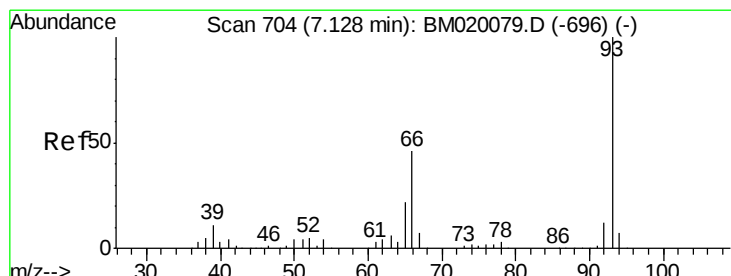
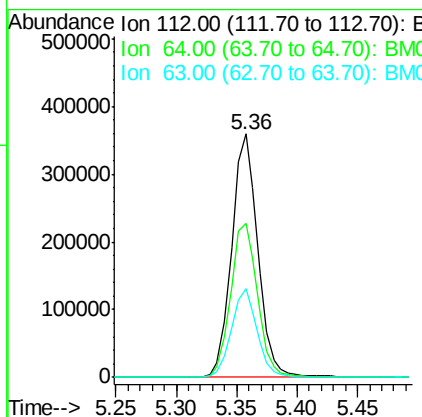
#5
2-Fluorophenol
Concen: 130.819 ng
RT: 5.36 min Scan# 403
Delta R.T. -0.01 min
Lab File: BM020242.D
Acq: 10 May 2019 15:15

Tgt Ion	Ratio	Resp	Lower	Upper
112	100	542236		
64	63.3	53.8	80.6	
63	36.4	32.3	48.5	

Instrument :
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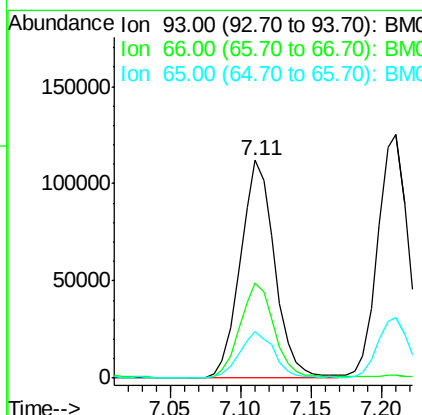
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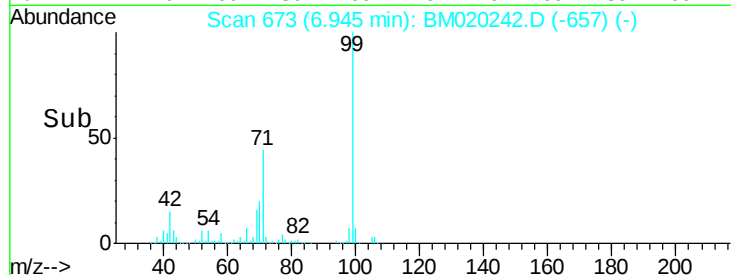
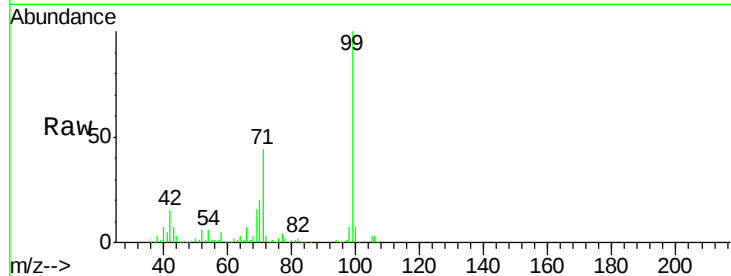
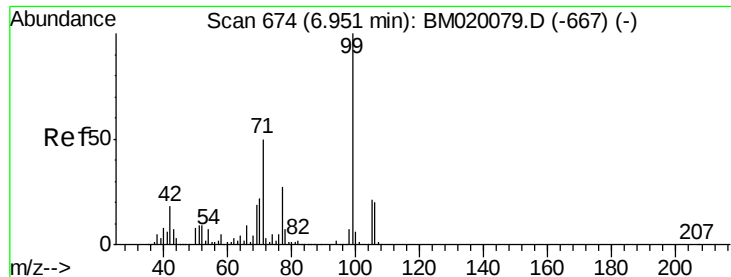
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#6
Aniline
Concen: 26.759 ng
RT: 7.11 min Scan# 701
Delta R.T. -0.02 min
Lab File: BM020242.D
Acq: 10 May 2019 15:15

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	190744		
66	43.7	36.6	54.8	
65	21.6	17.8	26.6	





#7

Phenol-d6

Concen: 140.812 ng

RT: 6.95 min Scan# 673

Delta R.T. -0.01 min

Lab File: BM020242.D

Acq: 10 May 2019 15:15

Tgt Ion	Ratio	Resp	Lower	Upper
99	100	797361		
42	14.5	14.2	21.2	
71	44.1	40.3	60.5	

Instrument :

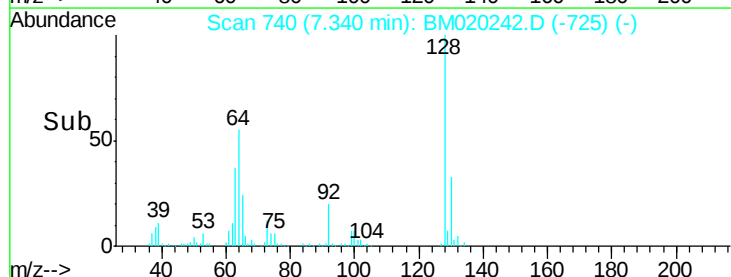
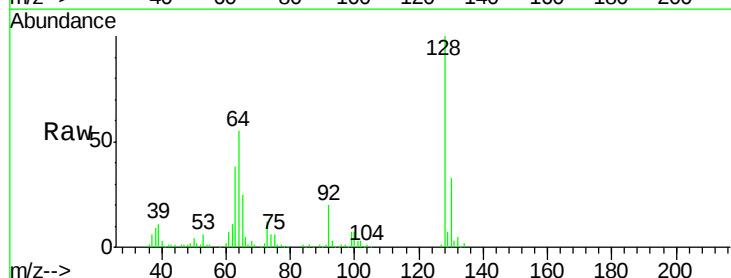
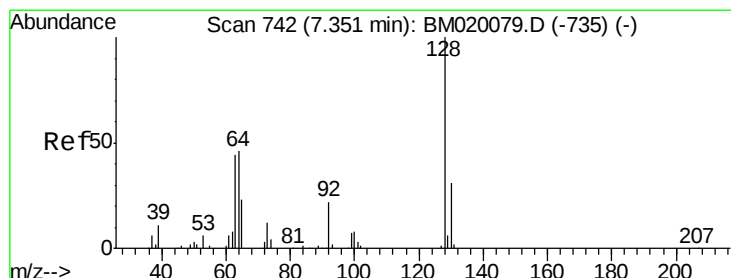
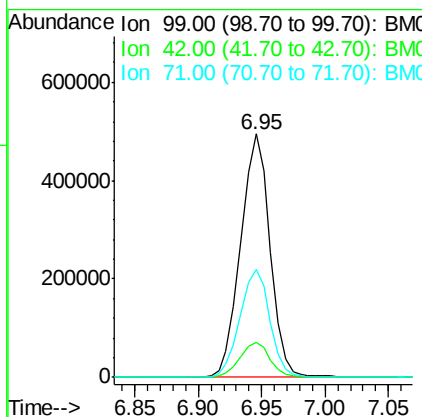
BNA_M

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#8

2-Chlorophenol

Concen: 43.940 ng

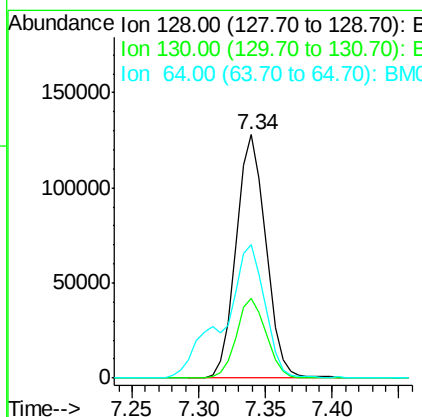
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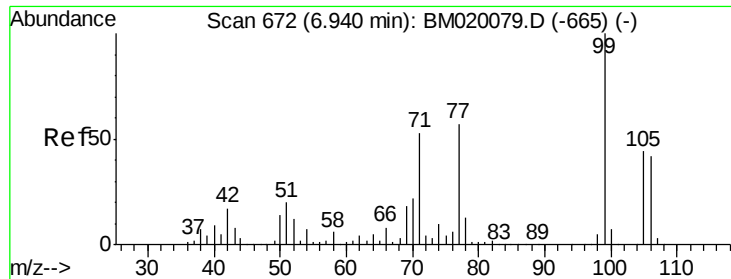
Delta R.T. -0.01 min

Lab File: BM020242.D

Acq: 10 May 2019 15:15

Tgt Ion	Ratio	Resp	Lower	Upper
128	100	198310		
130	32.7	10.8	50.8	
64	55.0	36.5	76.5	





#9

Benzaldehyde

Concen: 26.487 ng

RT: 6.93 min Scan# 670

Delta R.T. -0.01 min

Lab File: BM020242.D

Acq: 10 May 2019 15:15

Instrument :

BNA_M

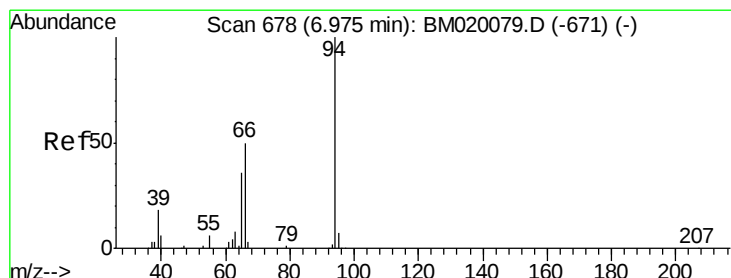
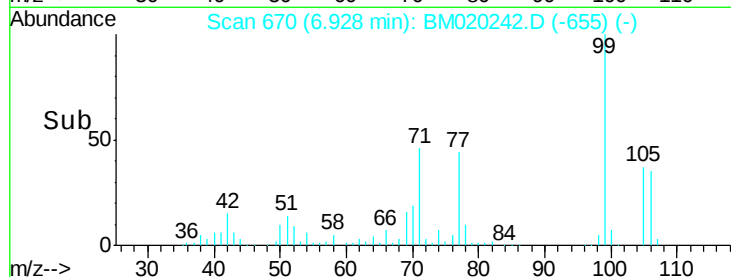
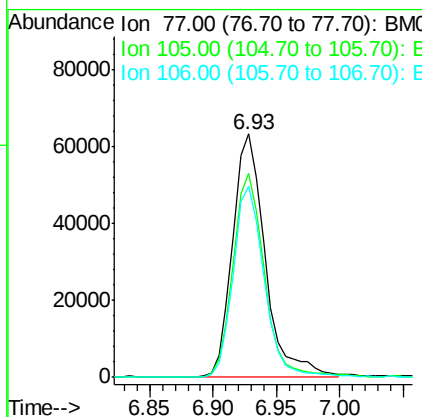
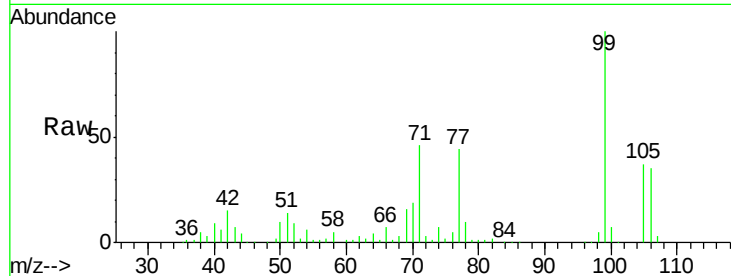
ClientSampleId :

COMP-5.8.19MSD

Tgt Ion:	77	Resp:	113520
Ion Ratio	Lower	Upper	
77	100		
105	83.6	57.8	97.8
106	78.3	53.6	93.6

Manual Integrations
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#10

Phenol

Concen: 48.181 ng

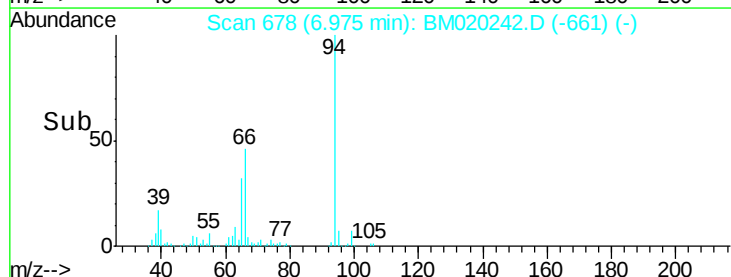
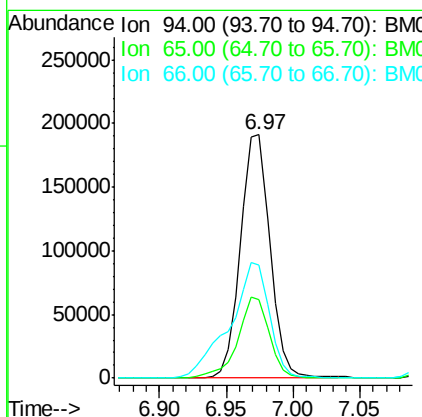
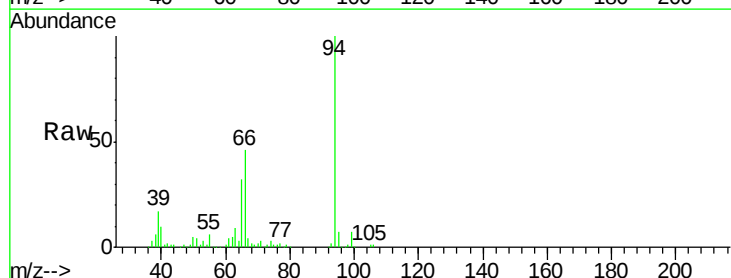
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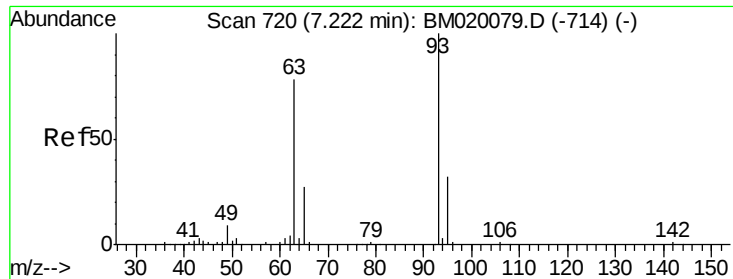
Delta R.T. -0.00 min

Lab File: BM020242.D

Acq: 10 May 2019 15:15

Tgt Ion:	94	Resp:	293709
Ion Ratio	Lower	Upper	
94	100		
65	32.2	17.0	57.0
66	46.2	34.5	74.5





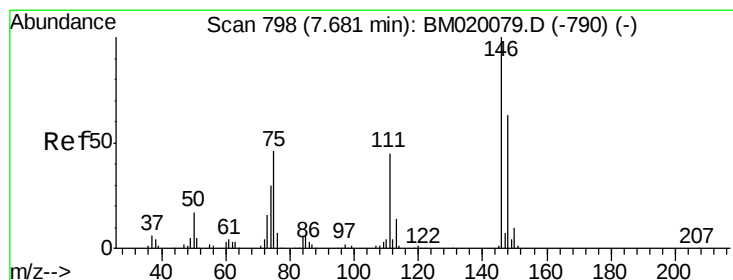
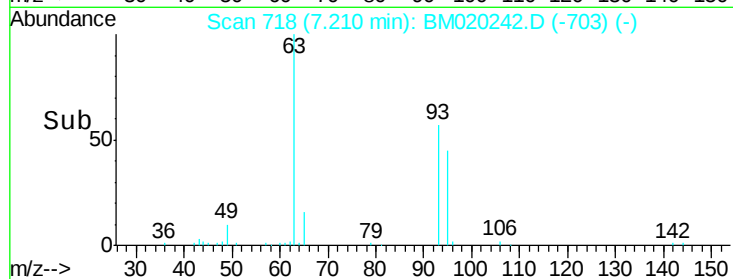
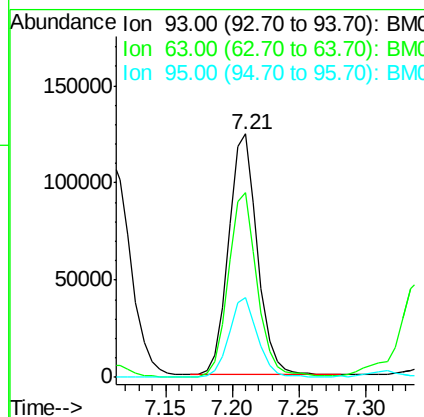
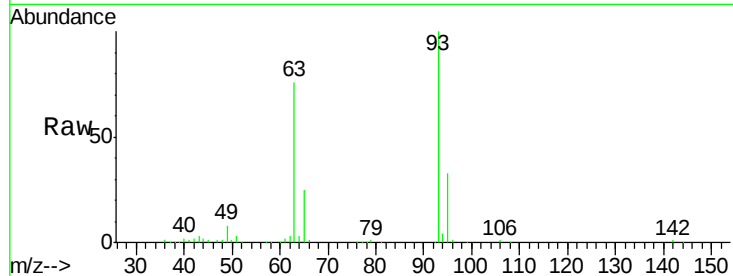
#11
bis(2-Chloroethyl)ether
Concen: 42.264 ng
RT: 7.21 min Scan# 718
Delta R.T. -0.01 min
Lab File: BM020242.D
Acq: 10 May 2019 15:15

Instrument :
BNA_M
ClientSampleId :
COMP-5.8.19MSD

Tgt Ion:	93	Resp:	187256
Ion	Ratio	Lower	Upper
93	100		
63	75.9	57.9	97.9
95	32.7	11.3	51.3

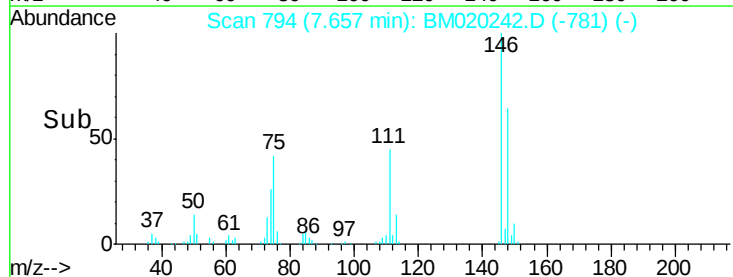
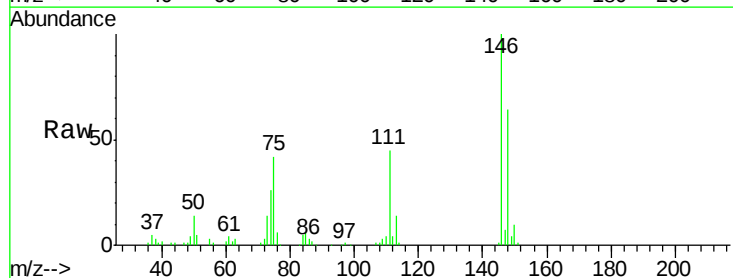
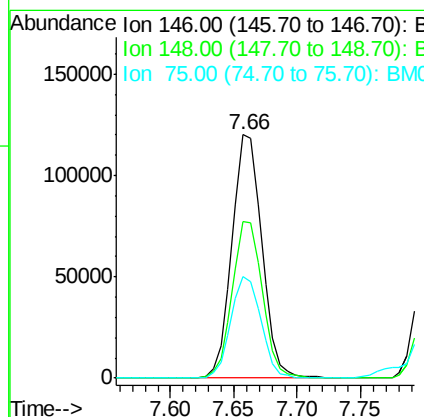
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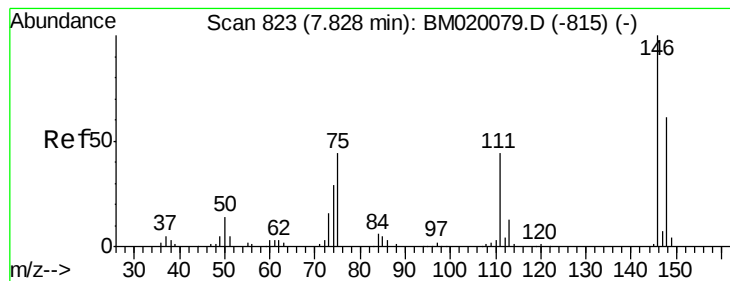
Sohil
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#12
1,3-Dichlorobenzene
Concen: 37.344 ng
RT: 7.66 min Scan# 794
Delta R.T. -0.02 min
Lab File: BM020242.D
Acq: 10 May 2019 15:15

Tgt Ion:	146	Resp:	196097
Ion	Ratio	Lower	Upper
146	100		
148	64.4	50.1	75.1
75	41.8	37.2	55.8





#13

1,4-Dichlorobenzene

Concen: 38.082 ng

RT: 7.81 min Scan# 820

Delta R.T. -0.02 min

Lab File: BM020242.D

Acq: 10 May 2019 15:15

Instrument :

BNA_M

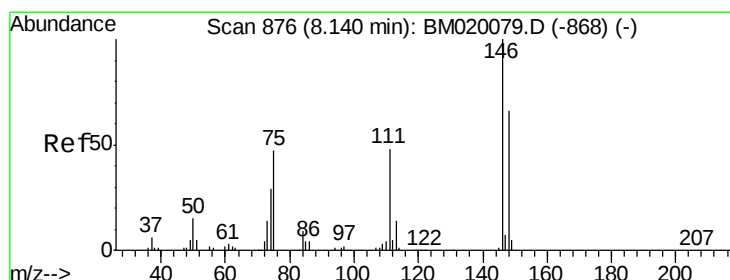
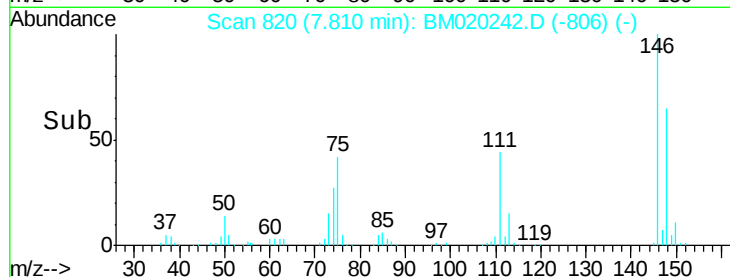
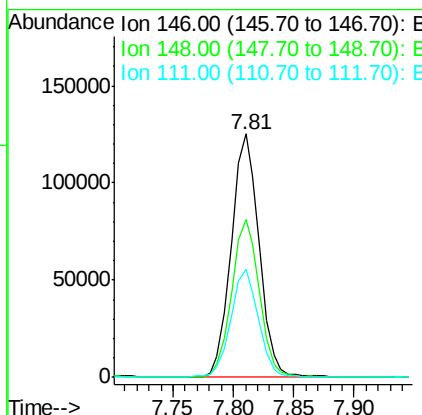
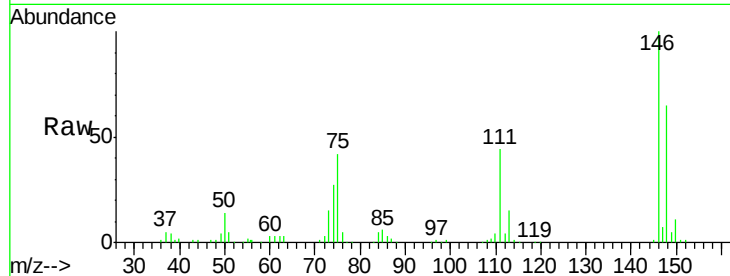
ClientSampleId :

COMP-5.8.19MSD

Tgt Ion:	146	Resp:	202012
Ion Ratio	Lower	Upper	
146	100		
148	64.8	48.5	72.7
111	44.2	35.7	53.5

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#14

1,2-Dichlorobenzene

Concen: 38.972 ng

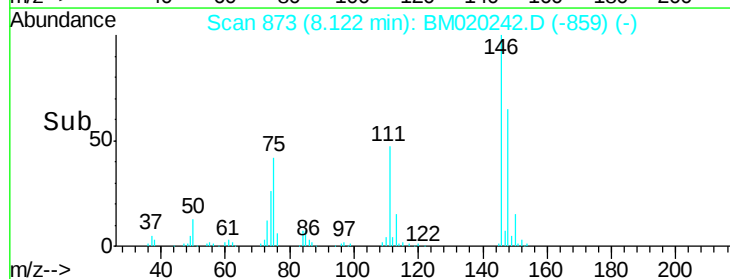
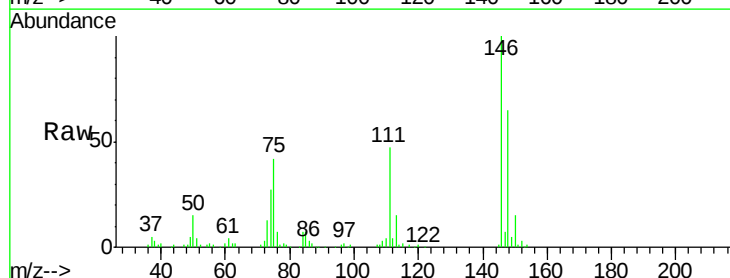
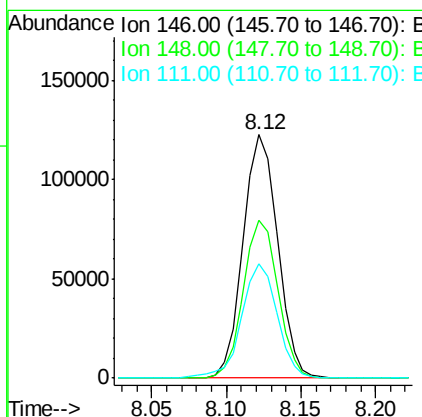
RT: 8.12 min Scan# 873

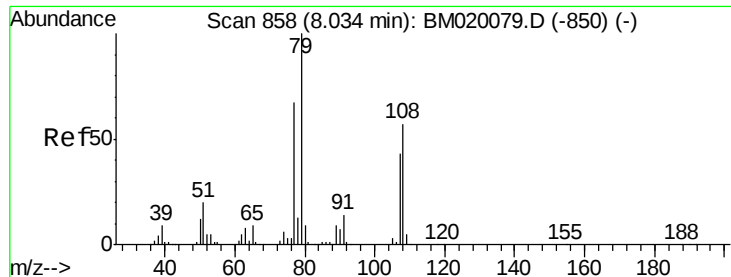
Delta R.T. -0.02 min

Lab File: BM020242.D

Acq: 10 May 2019 15:15

Tgt Ion:	146	Resp:	196960
Ion Ratio	Lower	Upper	
146	100		
148	64.9	52.6	79.0
111	47.1	39.0	58.4





#15

Benzyl Alcohol

Concen: 42.784 ng

RT: 8.02 min Scan# 856

Delta R.T. -0.01 min

Lab File: BM020242.D

Acq: 10 May 2019 15:15

Instrument :

BNA_M

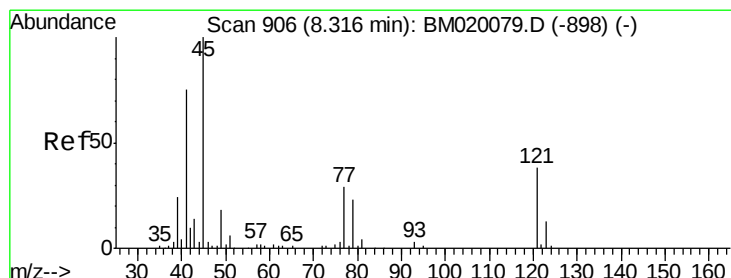
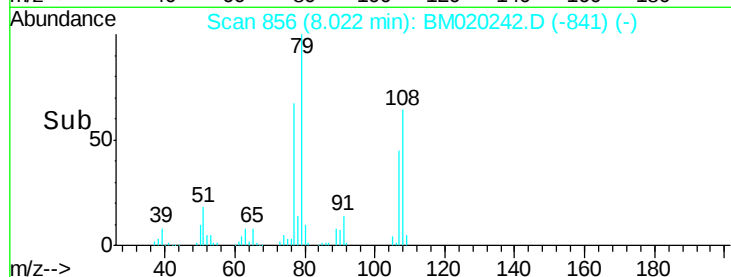
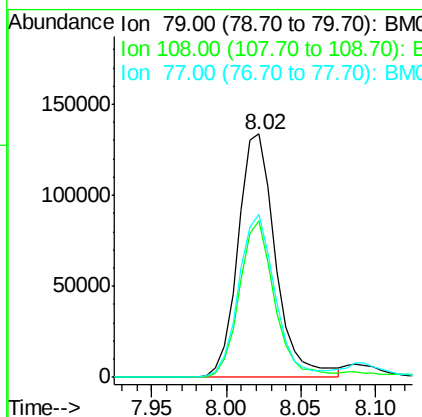
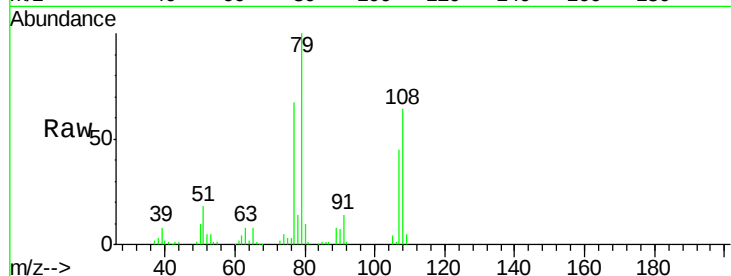
ClientSampleId :

COMP-5.8.19MSD

Tgt Ion:	79	Resp:	233611
Ion	Ratio	Lower	Upper
79	100		
108	64.3	46.0	69.0
77	67.2	53.8	80.6

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 40.880 ng

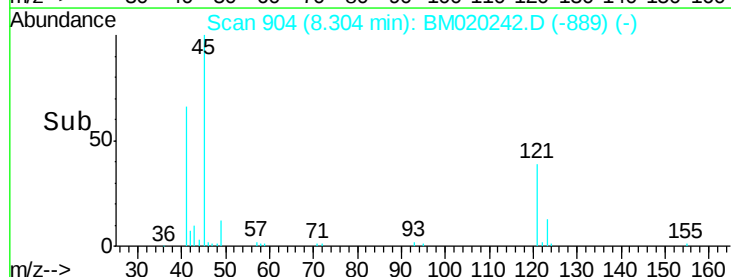
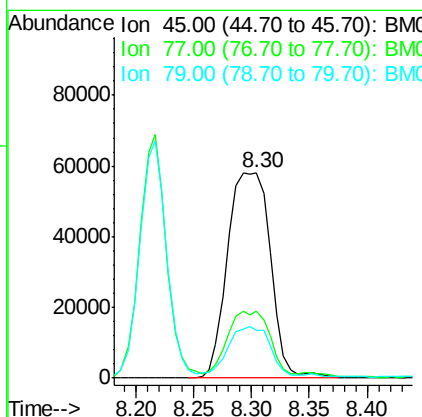
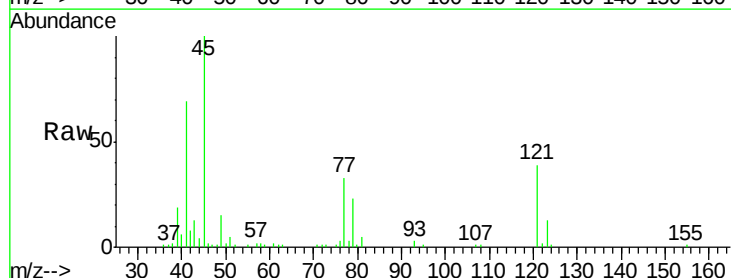
RT: 8.30 min Scan# 904

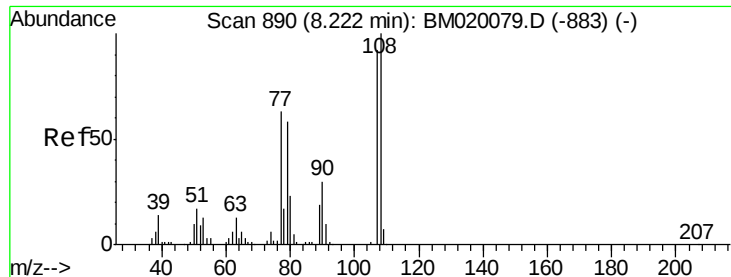
Delta R.T. -0.01 min

Lab File: BM020242.D

Acq: 10 May 2019 15:15

Tgt Ion:	45	Resp:	150189
Ion	Ratio	Lower	Upper
45	100		
77	32.6	10.5	50.5
79	23.4	3.3	43.3





#17

2-Methylphenol

Concen: 47.573 ng

RT: 8.22 min Scan# 889

Delta R.T. -0.01 min

Lab File: BM020242.D

Acq: 10 May 2019 15:15

Instrument :

BNA_M

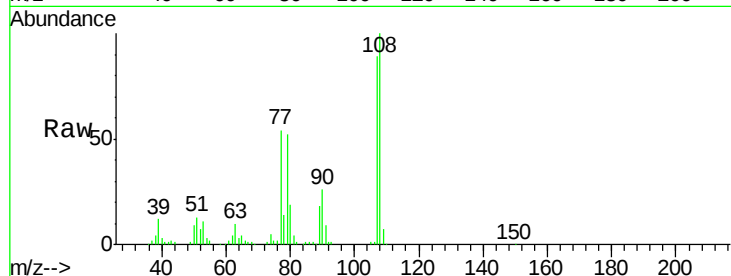
ClientSampleId :

COMP-5.8.19MSD

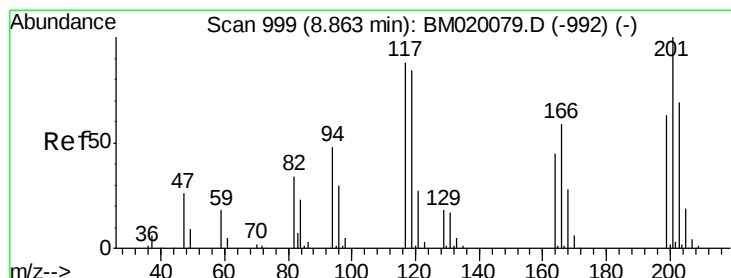
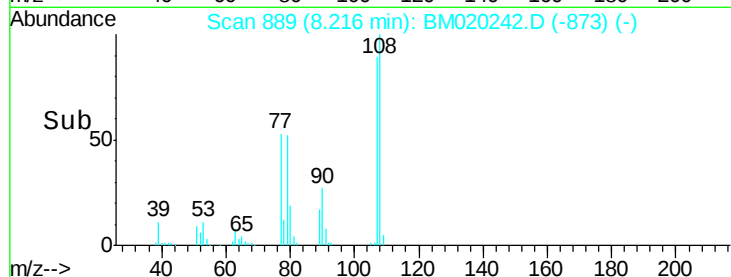
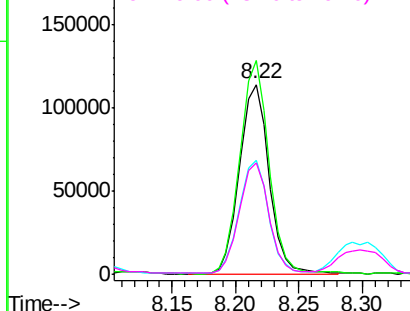
Tgt Ion:	107	Resp:	186683
Ion Ratio	Lower	Upper	
107	100		
108	112.5	87.0	130.4
77	60.3	54.7	82.1
79	58.9	50.1	75.1

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Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BM0
Ion 79.00 (78.70 to 79.70): BM0



#18

Hexachloroethane

Concen: 35.075 ng

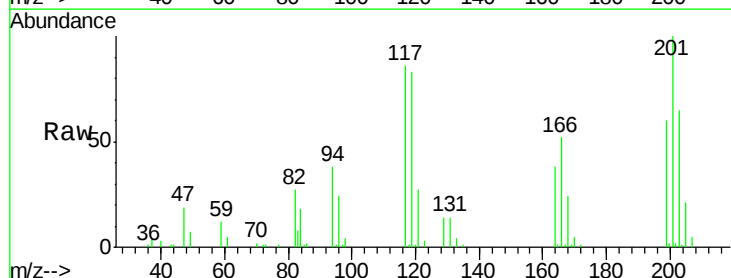
RT: 8.84 min Scan# 995

Delta R.T. -0.02 min

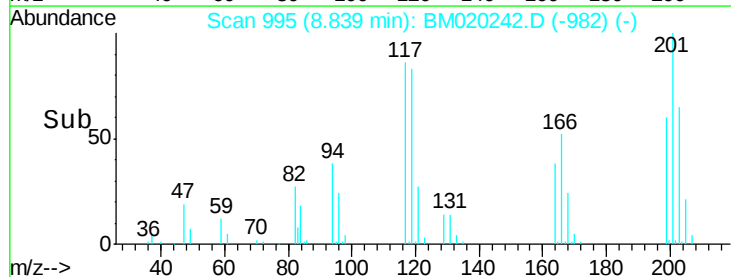
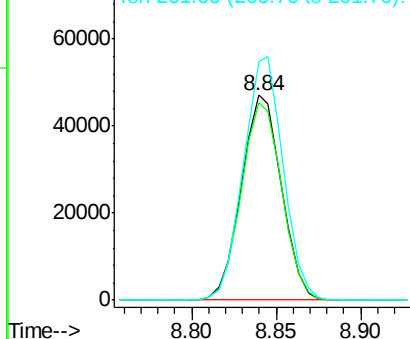
Lab File: BM020242.D

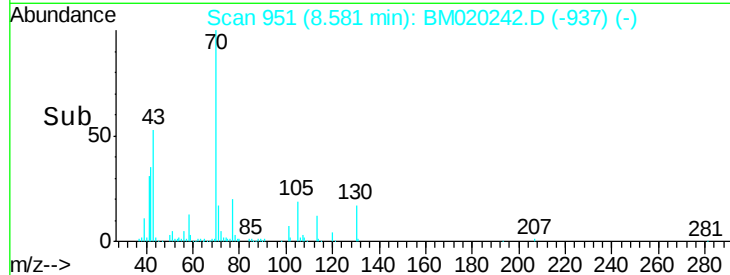
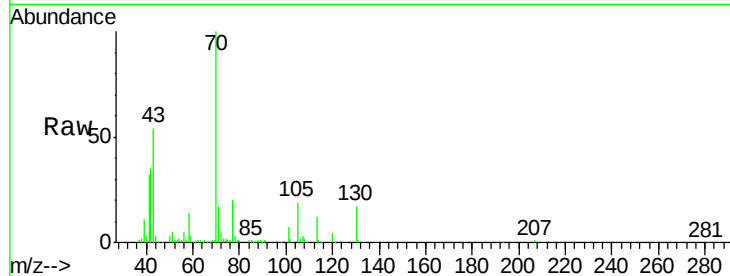
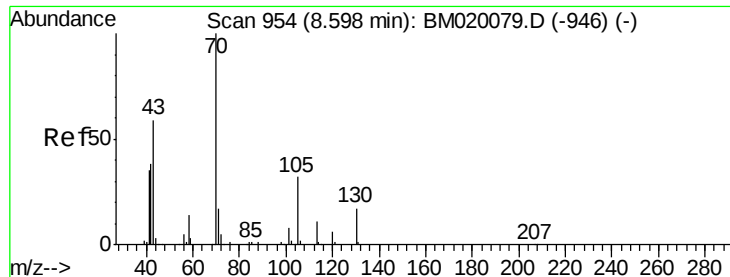
Acq: 10 May 2019 15:15

Tgt Ion:	117	Resp:	77580
Ion Ratio	Lower	Upper	
117	100		
119	96.7	76.6	114.8
201	118.8	90.7	136.1



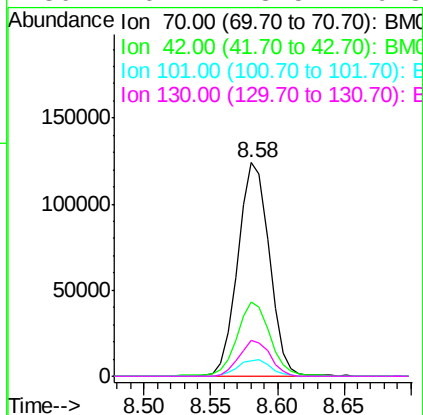
Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E





#19
n-Nitroso-di-n-propylamine
Concen: 41.924 ng
RT: 8.58 min Scan# 951
Delta R.T. -0.02 min
Lab File: BM020242.D
Acq: 10 May 2019 15:15

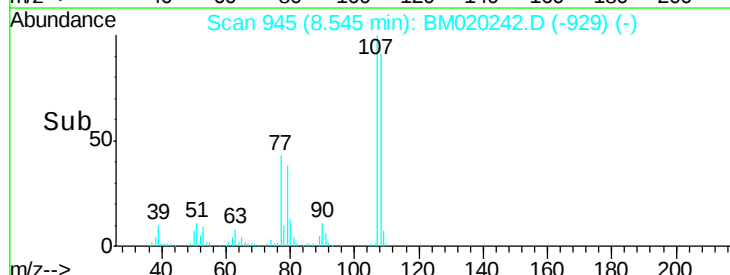
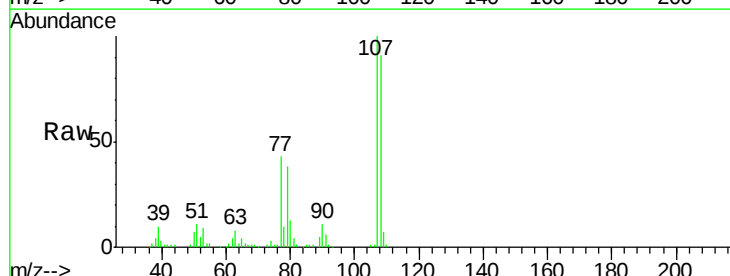
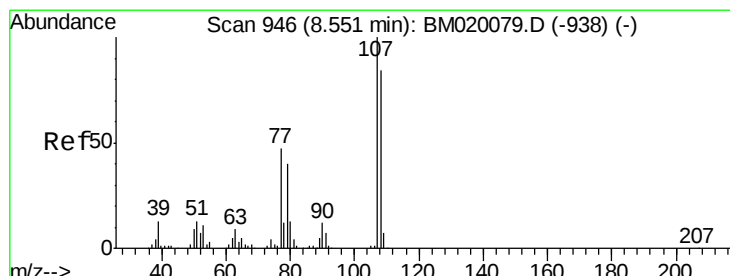
Tgt Ion	Ratio	Lower	Upper
70	100		
42	34.9	31.0	46.4
101	7.5	6.2	9.2
130	16.7	13.5	20.3



Instrument :
BNA_M
ClientSampleId :
COMP-5.8.19MSD

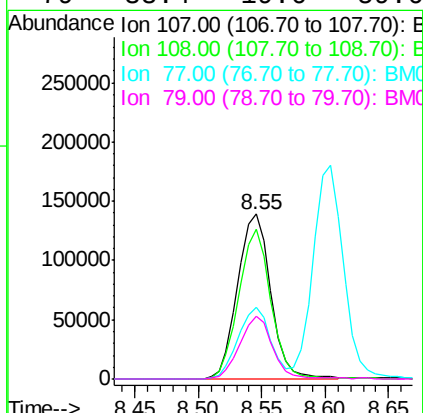
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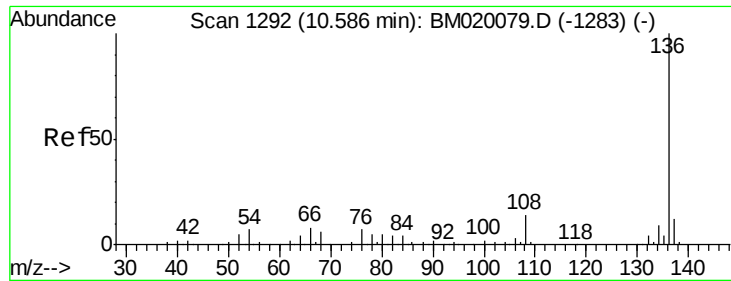
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#20
3+4-Methylphenols
Concen: 48.733 ng
RT: 8.55 min Scan# 945
Delta R.T. -0.01 min
Lab File: BM020242.D
Acq: 10 May 2019 15:15

Tgt Ion	Ratio	Lower	Upper
107	100		
108	90.7	64.4	104.4
77	43.4	27.2	67.2
79	38.4	19.6	59.6





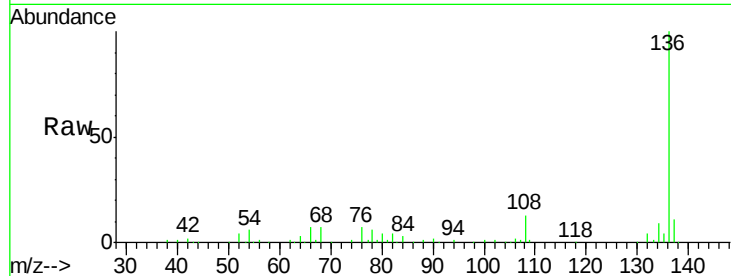
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.57 min Scan# 1289
Delta R.T. -0.02 min
Lab File: BM020242.D
Acq: 10 May 2019 15:15

Instrument :
BNA_M
ClientSampleId :
COMP-5.8.19MSD

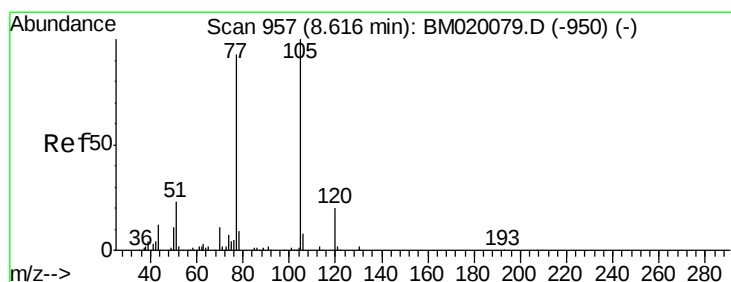
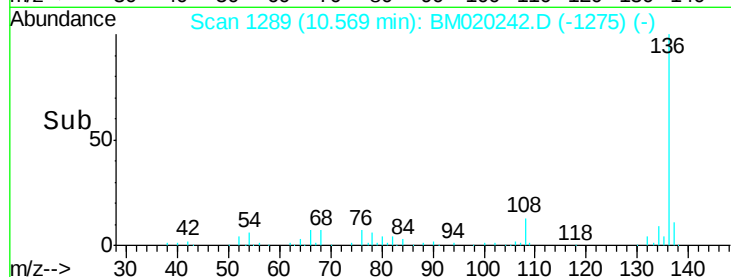
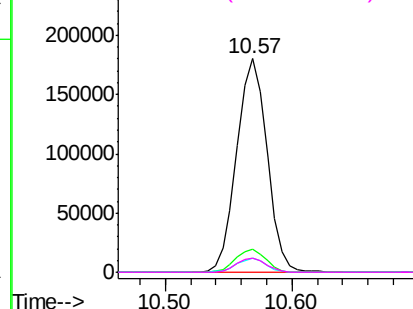
Tgt Ion	Ratio	Resp	Lower	Upper
136	100	299265		
137	11.0	9.6	14.4	
54	6.4	5.5	8.3	
68	6.5	4.6	6.8	

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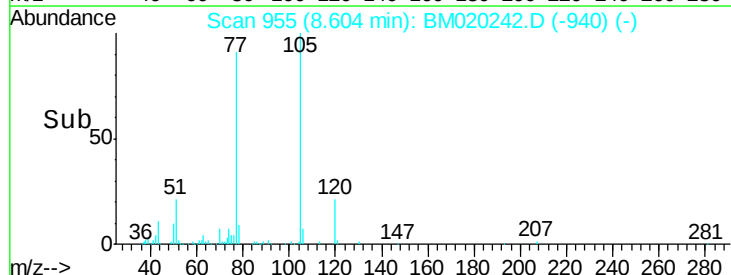
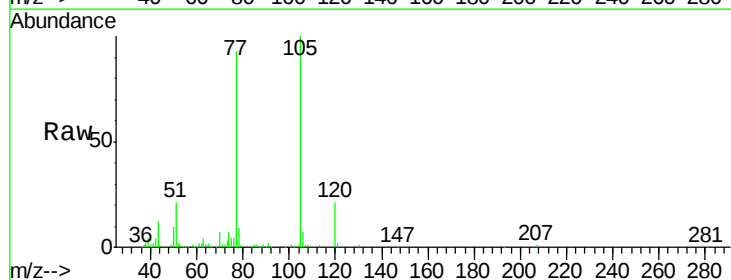
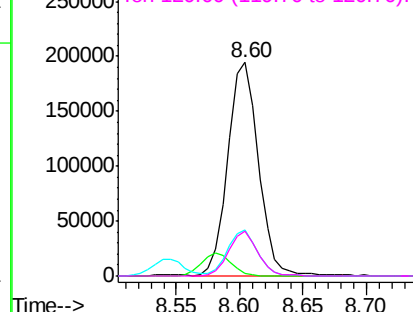
Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BM
Ion 68.00 (67.70 to 68.70): BM

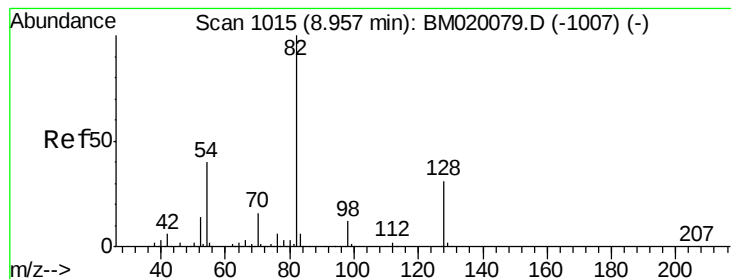


#22
Acetophenone
Concen: 39.559 ng
RT: 8.60 min Scan# 955
Delta R.T. -0.01 min
Lab File: BM020242.D
Acq: 10 May 2019 15:15

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	323554		
71	1.3	2.2	3.2#	
51	21.4	19.3	28.9	
120	21.3	16.2	24.4	

Abundance Ion 105.00 (104.70 to 105.70): E
Ion 71.00 (70.70 to 71.70): BM
Ion 51.00 (50.70 to 51.70): BM
Ion 120.00 (119.70 to 120.70): E





#23

Nitrobenzene-d5

Concen: 71.117 ng

RT: 8.95 min Scan# 1013

Delta R.T. -0.01 min

Lab File: BM020242.D

Acq: 10 May 2019 15:15

Instrument :

BNA_M

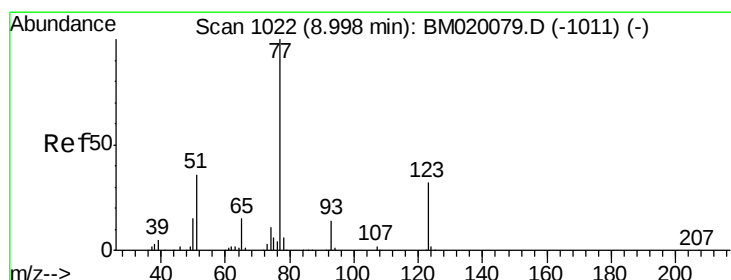
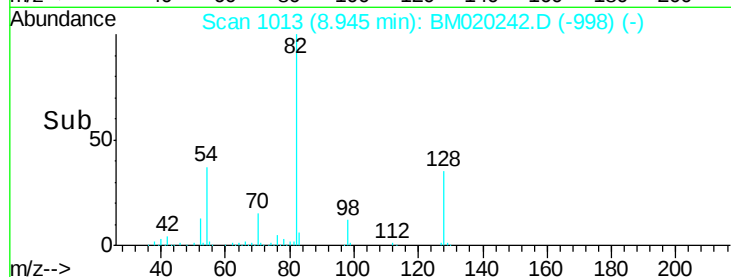
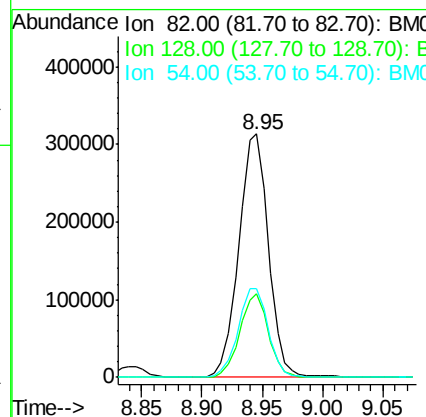
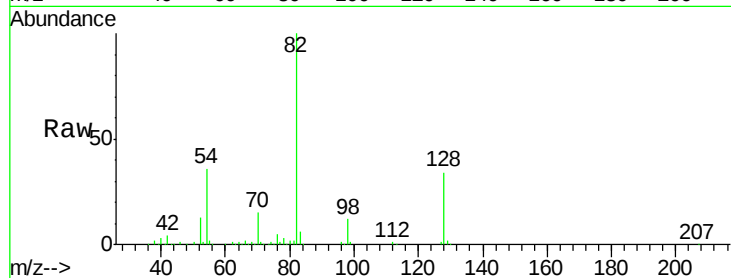
ClientSampleId :

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Tgt Ion:	82	Resp:	539075
Ion Ratio	Lower	Upper	
82	100		
128	34.3	25.2	37.8
54	36.4	31.9	47.9

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#24

Nitrobenzene

Concen: 36.878 ng

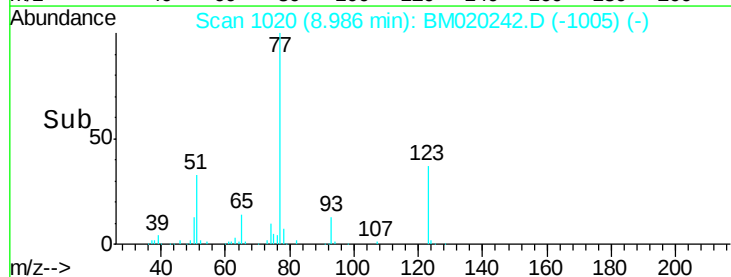
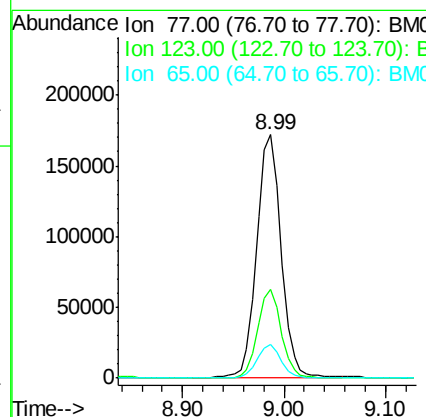
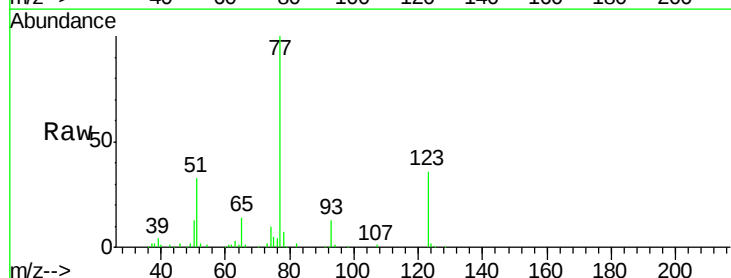
RT: 8.99 min Scan# 1020

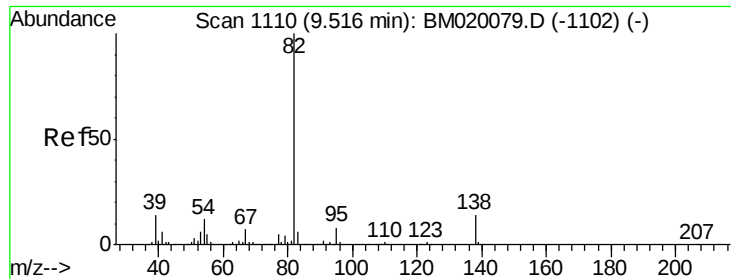
Delta R.T. -0.01 min

Lab File: BM020242.D

Acq: 10 May 2019 15:15

Tgt Ion:	77	Resp:	289839
Ion Ratio	Lower	Upper	
77	100		
123	36.5	25.5	38.3
65	13.8	11.8	17.6





#25

Isophorone

Concen: 40.769 ng

RT: 9.50 min Scan# 1108

Delta R.T. -0.01 min

Lab File: BM020242.D

Acq: 10 May 2019 15:15

Instrument :

BNA_M

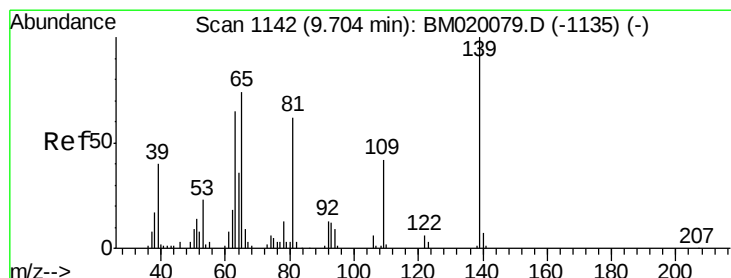
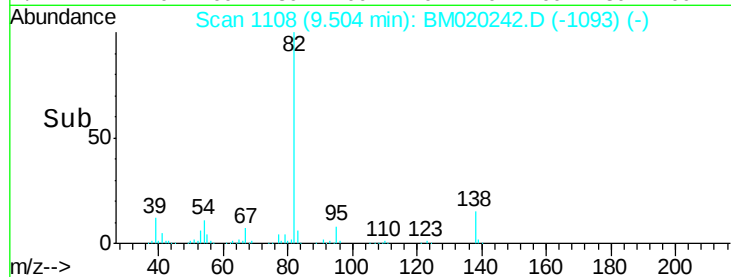
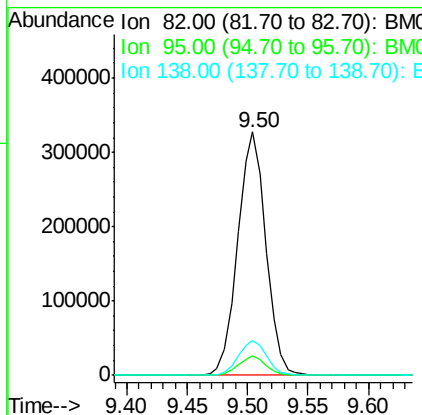
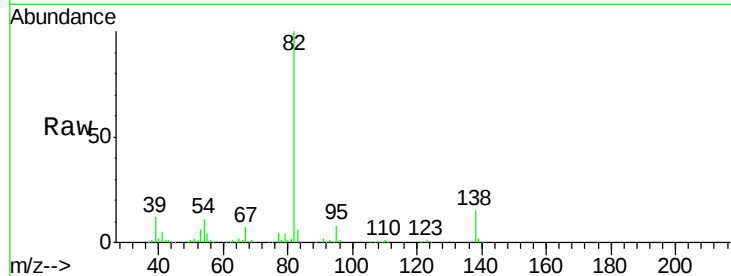
ClientSampleId :

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Tgt Ion:	82	Resp:	532922
Ion Ratio	Lower	Upper	
82	100		
95	7.9	6.4	9.6
138	14.6	11.1	16.7

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#26

2-Nitrophenol

Concen: 46.745 ng

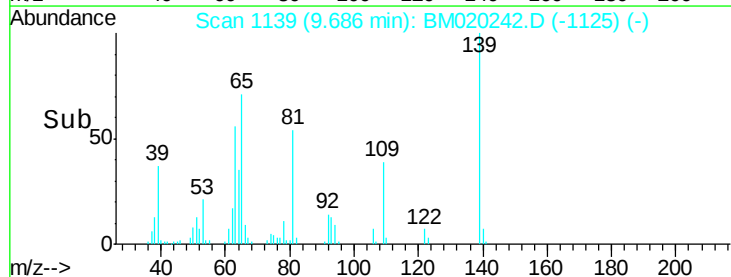
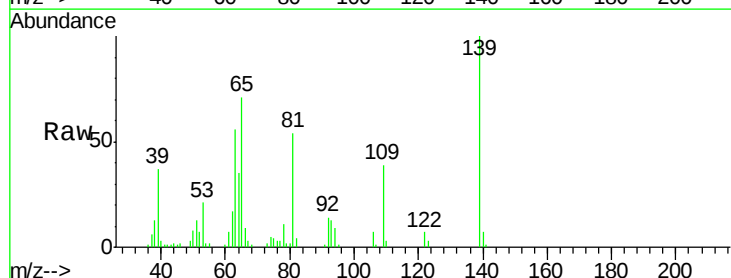
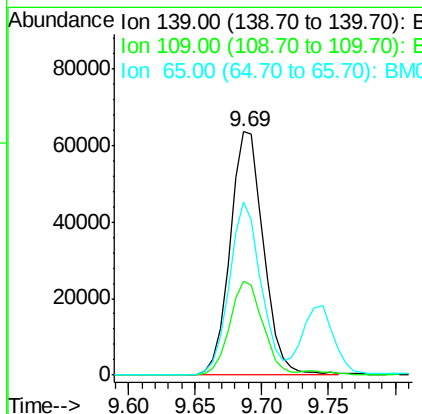
RT: 9.69 min Scan# 1139

Delta R.T. -0.02 min

Lab File: BM020242.D

Acq: 10 May 2019 15:15

Tgt Ion:	139	Resp:	110914
Ion Ratio	Lower	Upper	
139	100		
109	38.6	33.7	50.5
65	71.0	59.5	89.3





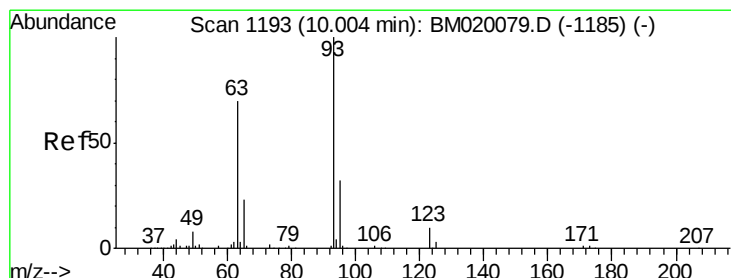
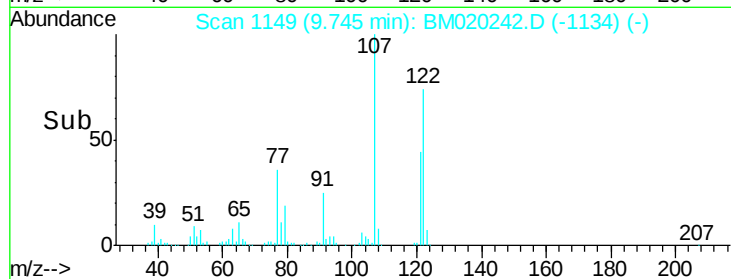
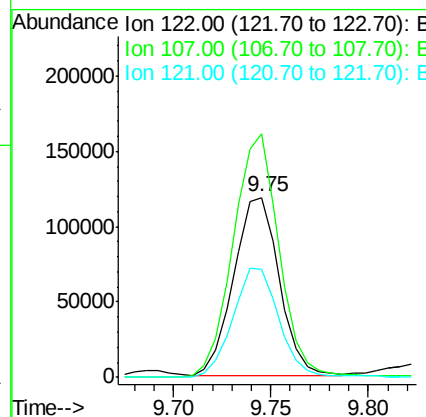
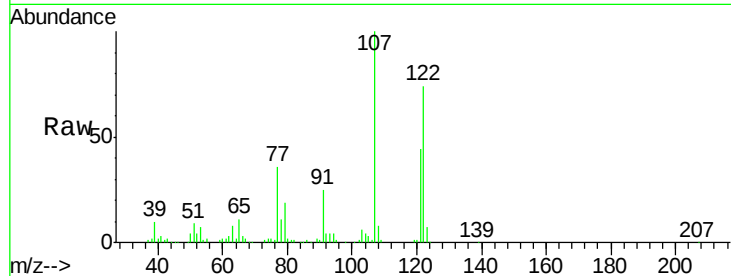
#27
 2,4-Dimethylphenol
 Concen: 48.508 ng
 RT: 9.75 min Scan# 1149
 Delta R.T. -0.01 min
 Lab File: BM020242.D
 Acq: 10 May 2019 15:15

Instrument :
 BNA_M
 ClientSampleId :
 COMP-5.8.19MSD

Tgt Ion	Ratio	Lower	Upper
122	100		
107	135.3	108.6	162.8
121	60.0	47.4	71.2

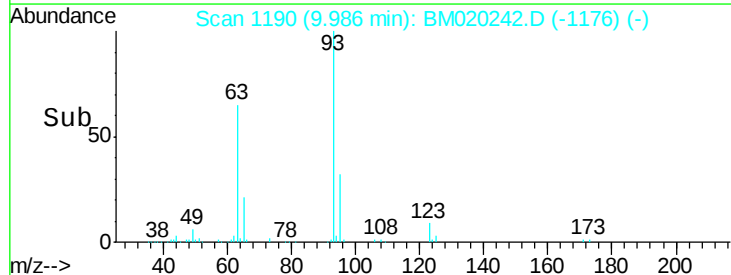
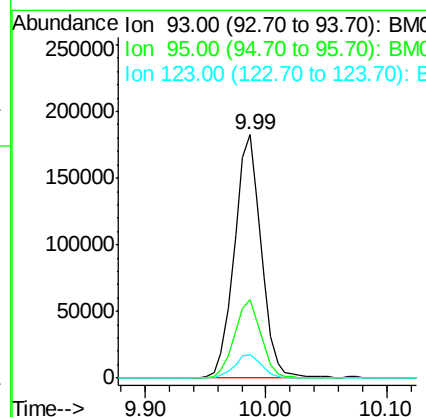
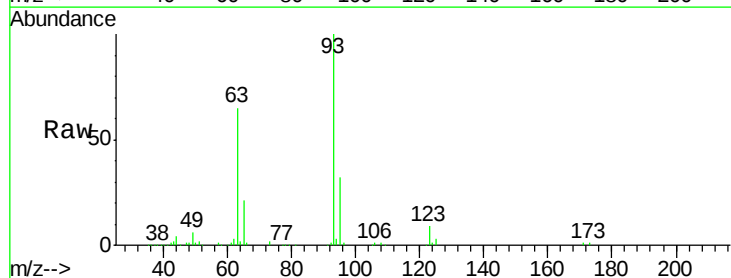
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#28
 bis(2-Chloroethoxy)methane
 Concen: 39.742 ng
 RT: 9.99 min Scan# 1190
 Delta R.T. -0.02 min
 Lab File: BM020242.D
 Acq: 10 May 2019 15:15

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.1	25.5	38.3
123	9.4	7.6	11.4





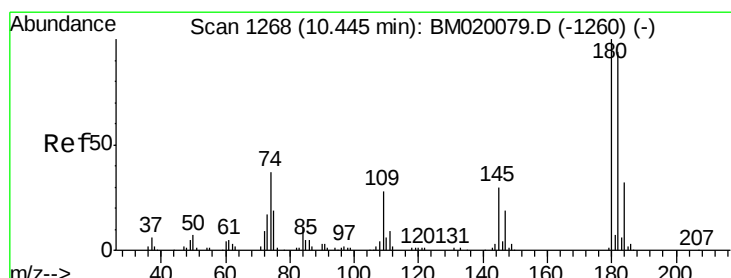
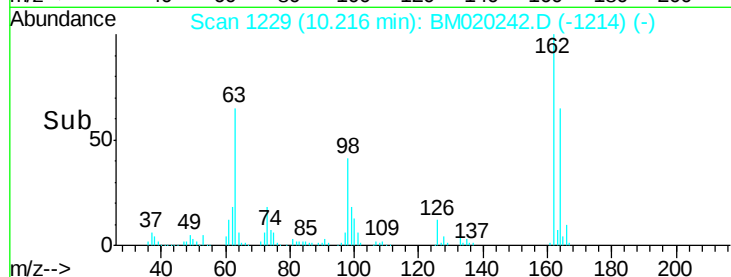
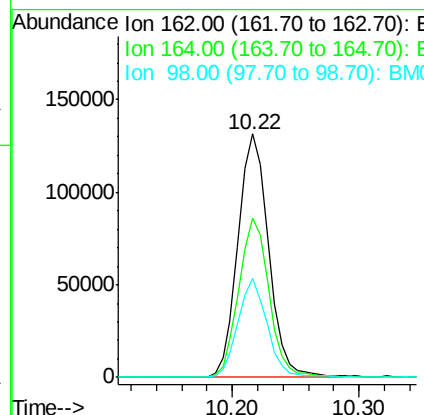
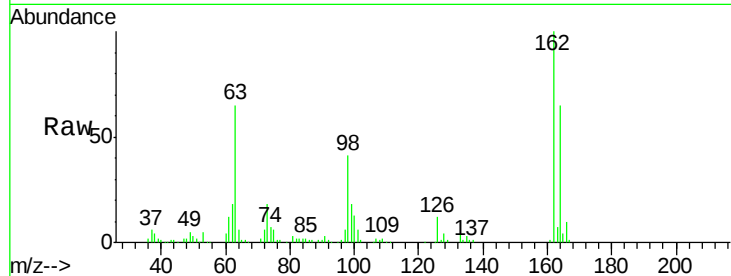
#29
2,4-Dichlorophenol
Concen: 44.249 ng
RT: 10.22 min Scan# 1229
Delta R.T. -0.01 min
Lab File: BM020242.D
Acq: 10 May 2019 15:15

Instrument :
BNA_M
ClientSampled :
COMP-5.8.19MSD

Tgt Ion	Ratio	Resp	Lower	Upper
162	100	220411		
164	65.3	45.6	85.6	
98	40.6	20.4	60.4	

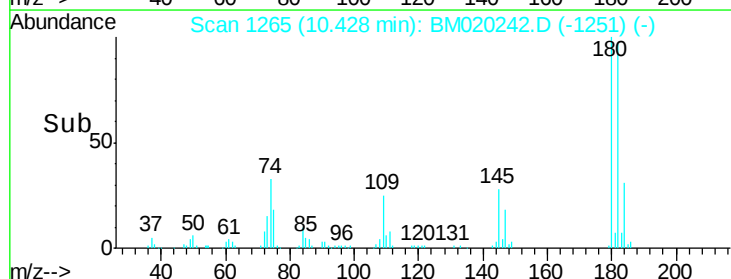
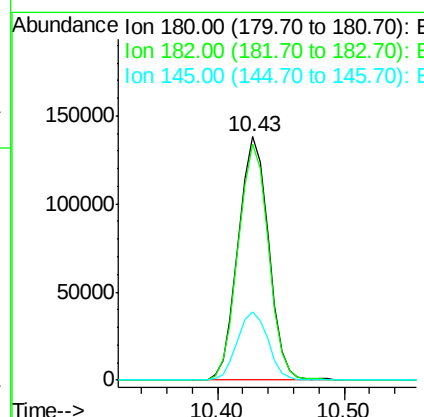
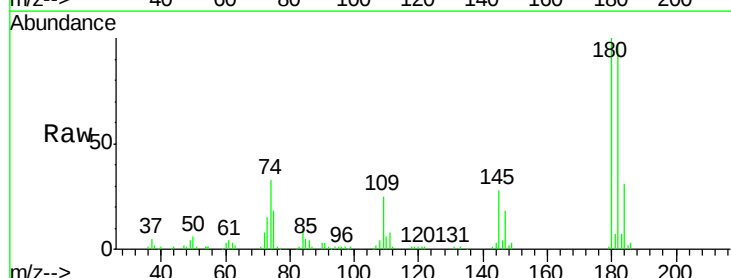
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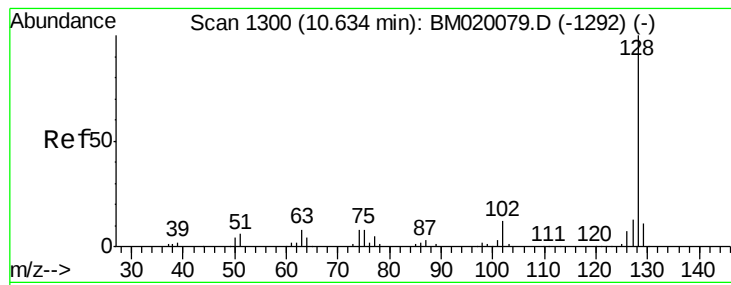
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#30
1,2,4-Trichlorobenzene
Concen: 37.458 ng
RT: 10.43 min Scan# 1265
Delta R.T. -0.02 min
Lab File: BM020242.D
Acq: 10 May 2019 15:15

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	229580		
182	96.7	75.4	113.0	
145	28.0	23.8	35.8	





#31

Naphthalene

Concen: 38.596 ng

RT: 10.62 min Scan# 1297

Delta R.T. -0.02 min

Lab File: BM020242.D

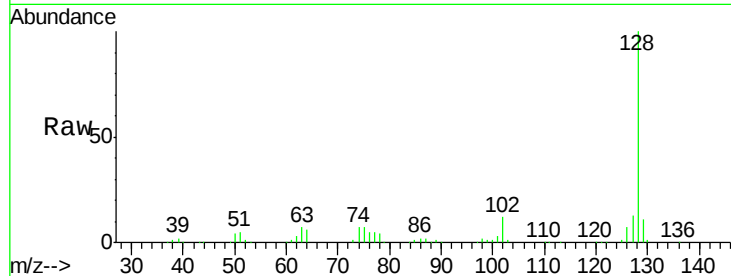
Acq: 10 May 2019 15:15

Instrument :

BNA_M

ClientSampleId :

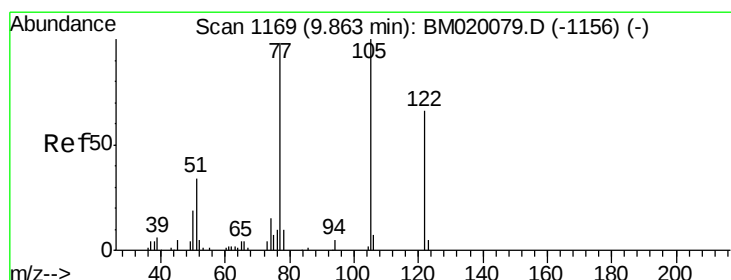
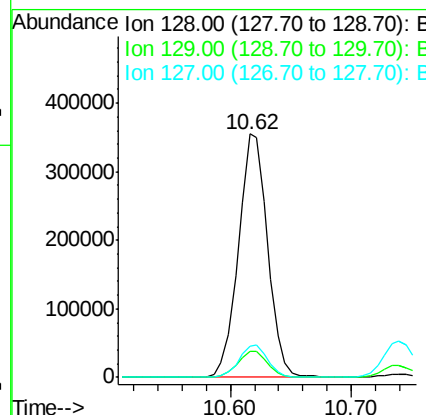
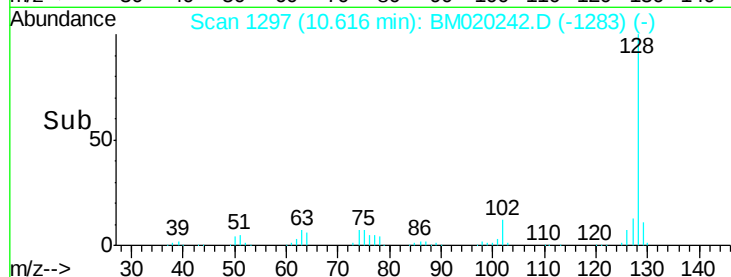
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Tgt Ion:	128	Resp:	599391
Ion Ratio	Lower	Upper	
128	100		
129	10.8	9.0	13.4
127	12.9	10.4	15.6

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#32

Benzoic acid

Concen: 19.119 ng

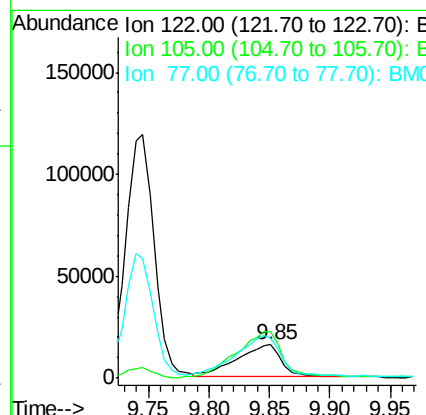
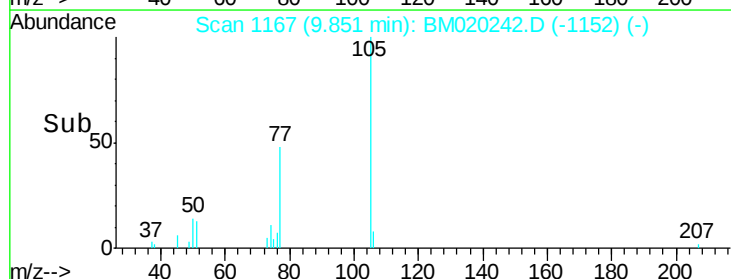
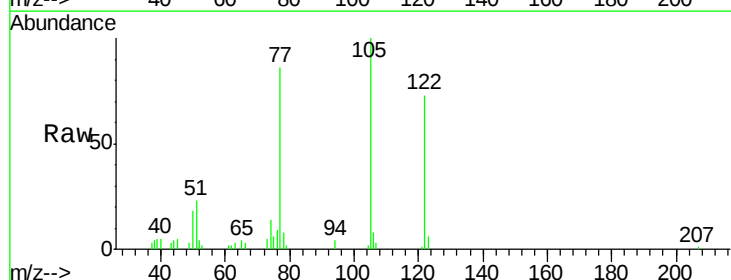
RT: 9.85 min Scan# 1167

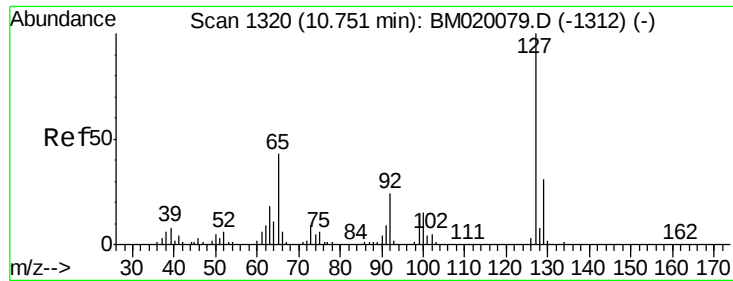
Delta R.T. -0.01 min

Lab File: BM020242.D

Acq: 10 May 2019 15:15

Tgt Ion:	122	Resp:	40771
Ion Ratio	Lower	Upper	
122	100		
105	137.4	122.5	162.5
77	118.5	123.3	163.3#





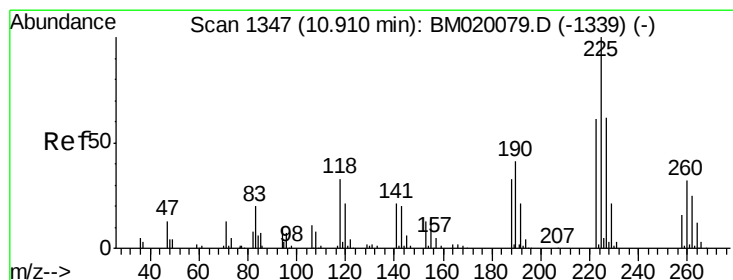
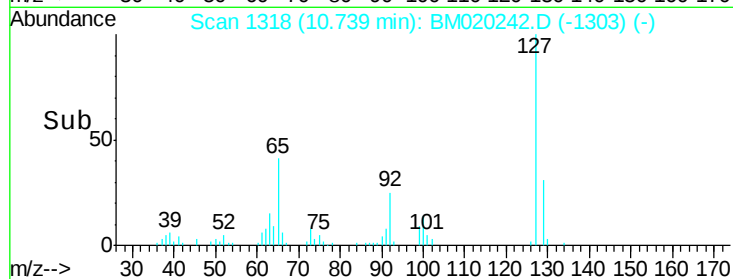
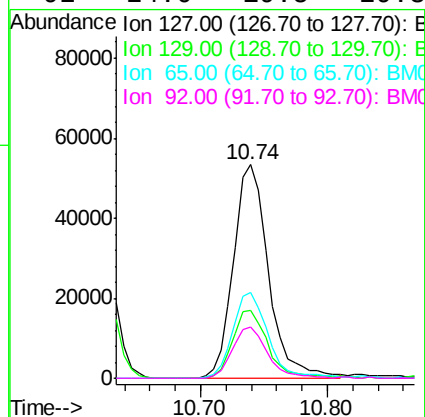
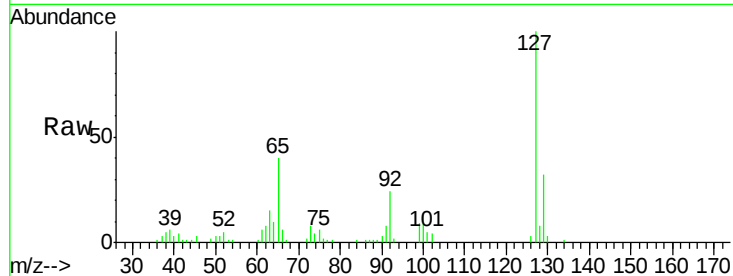
#33
4-Chloroaniline
Concen: 16.010 ng
RT: 10.74 min Scan# 1318
Delta R.T. -0.01 min
Lab File: BM020242.D
Acq: 10 May 2019 15:15

Instrument :
BNA_M
ClientSampleId :
COMP-5.8.19MSD

Tgt Ion	Ratio	Resp	Lower	Upper
127	100	102333		
129	31.6	24.7	37.1	
65	40.2	34.6	52.0	
92	24.0	19.5	29.3	

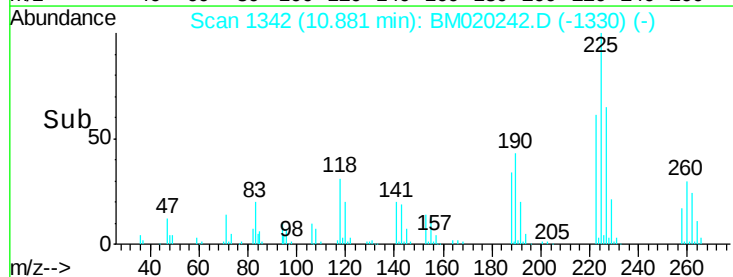
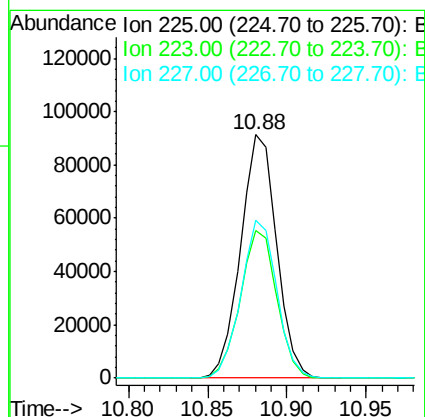
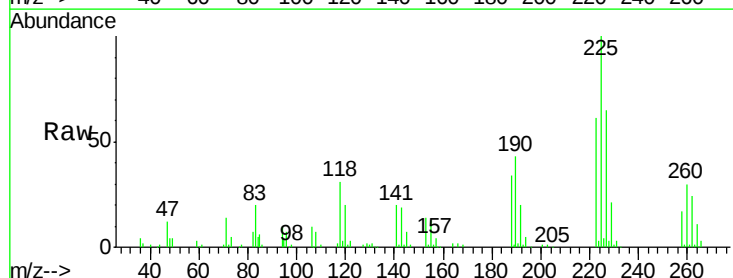
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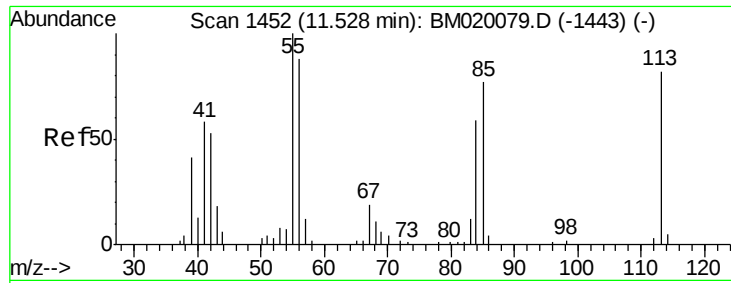
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#34
Hexachlorobutadiene
Concen: 33.212 ng
RT: 10.88 min Scan# 1342
Delta R.T. -0.03 min
Lab File: BM020242.D
Acq: 10 May 2019 15:15

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	144000		
223	60.7	48.9	73.3	
227	64.9	49.6	74.4	





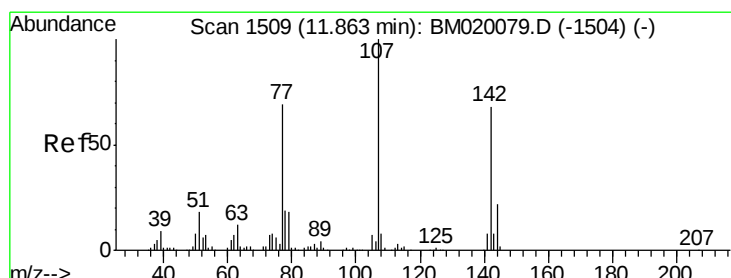
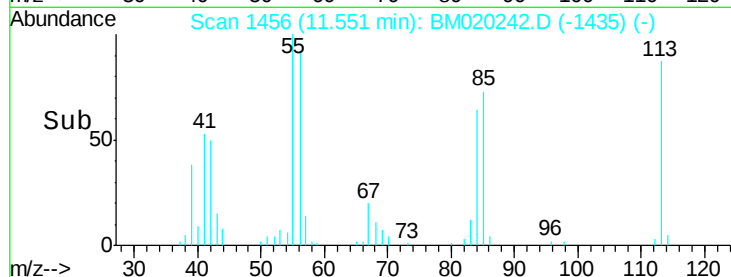
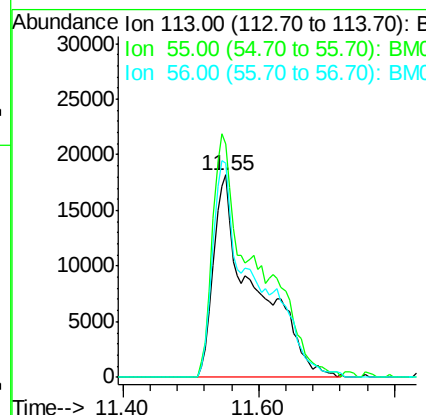
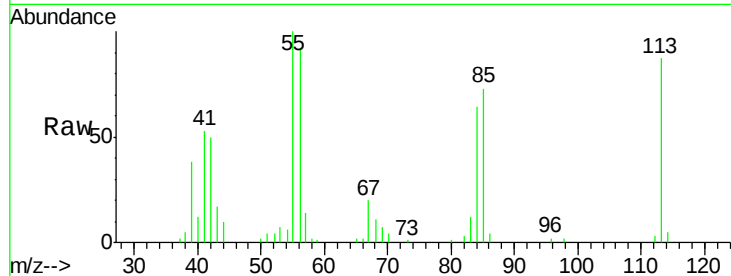
#35
 Caprolactam
 Concen: 51.183 ng m
 RT: 11.55 min Scan# 1456
 Delta R.T. 0.02 min
 Lab File: BM020242.D
 Acq: 10 May 2019 15:15

Instrument :
 BNA_M
 ClientSampleId :
 COMP-5.8.19MSD

Tgt Ion	Ratio	Lower	Upper
113	100		
55	115.0	102.5	142.5
56	105.5	87.7	127.7

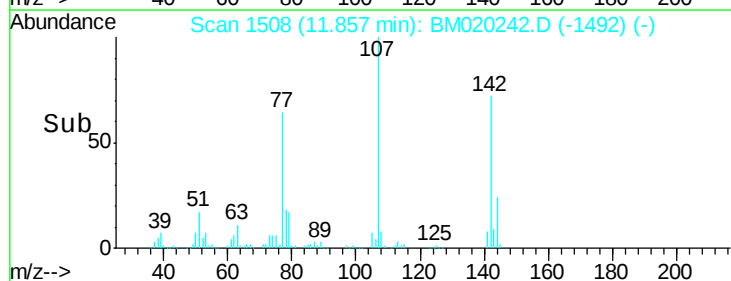
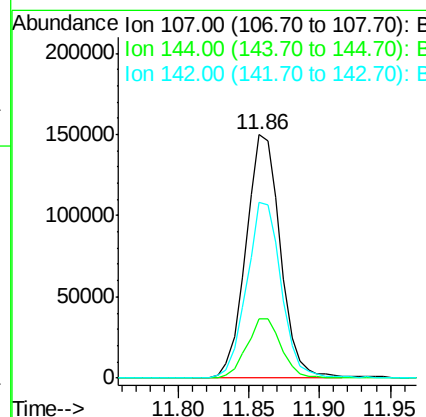
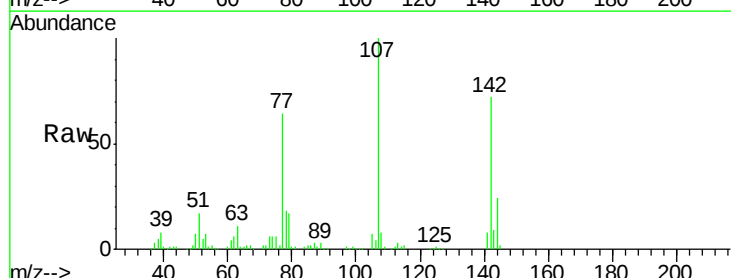
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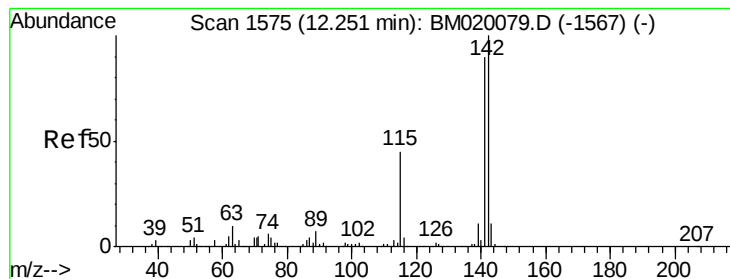
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#36
 4-Chloro-3-methylphenol
 Concen: 43.740 ng
 RT: 11.86 min Scan# 1508
 Delta R.T. -0.01 min
 Lab File: BM020242.D
 Acq: 10 May 2019 15:15

Tgt Ion	Ratio	Lower	Upper
107	100		
144	24.3	17.6	26.4
142	72.2	54.6	82.0





#37

2-Methylnaphthalene

Concen: 41.851 ng

RT: 12.23 min Scan# 1572

Delta R.T. -0.02 min

Lab File: BM020242.D

Acq: 10 May 2019 15:15

Instrument :

BNA_M

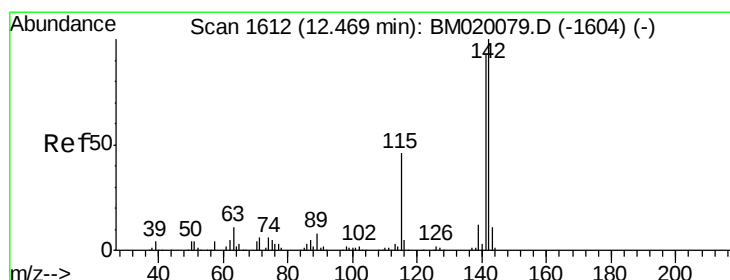
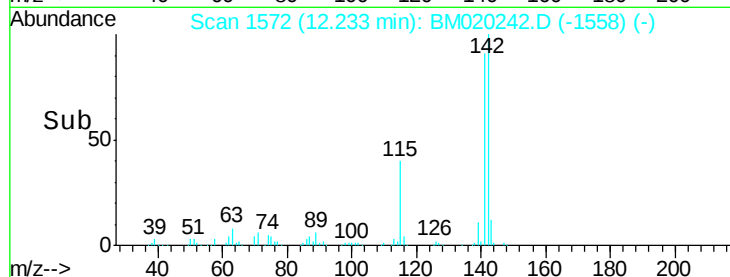
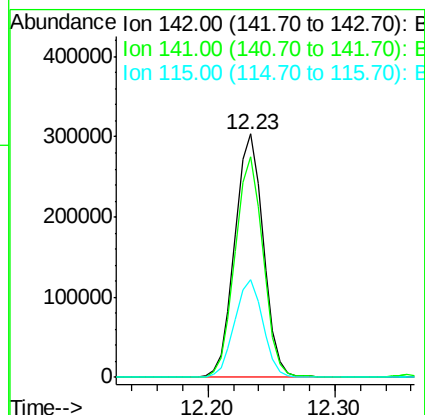
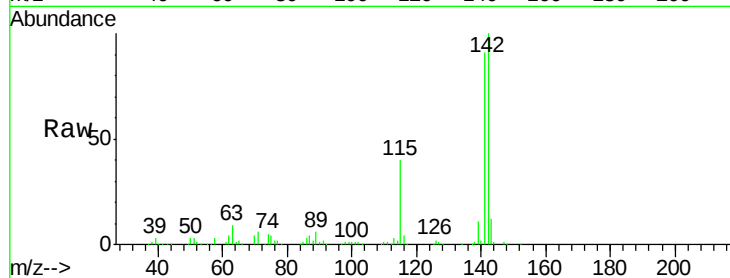
ClientSampleId :

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Tgt Ion:	142	Resp:	473837
Ion Ratio	Lower	Upper	
142	100		
141	90.8	71.6	107.4
115	40.3	35.8	53.6

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#38

1-Methylnaphthalene

Concen: 41.149 ng

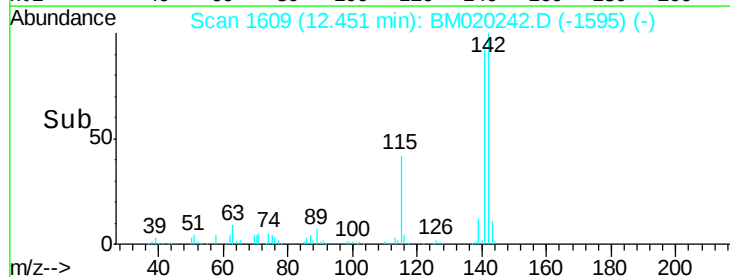
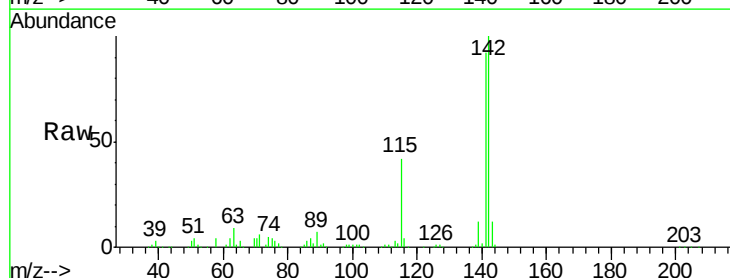
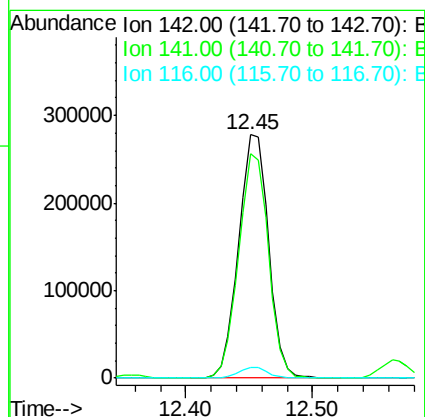
RT: 12.45 min Scan# 1609

Delta R.T. -0.02 min

Lab File: BM020242.D

Acq: 10 May 2019 15:15

Tgt Ion:	142	Resp:	455574
Ion Ratio	Lower	Upper	
142	100		
141	92.4	74.8	112.2
116	4.3	3.9	5.9





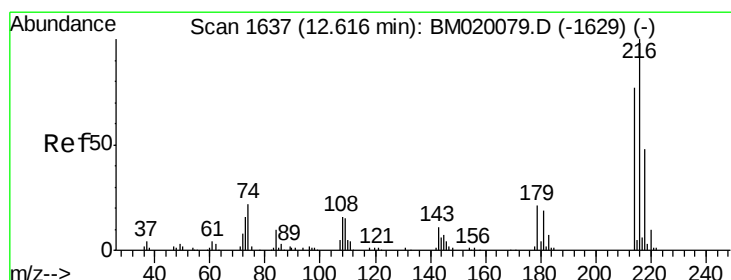
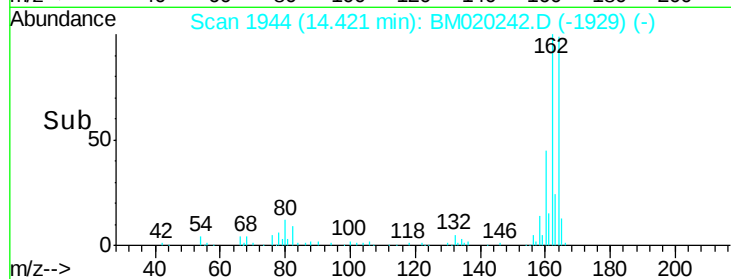
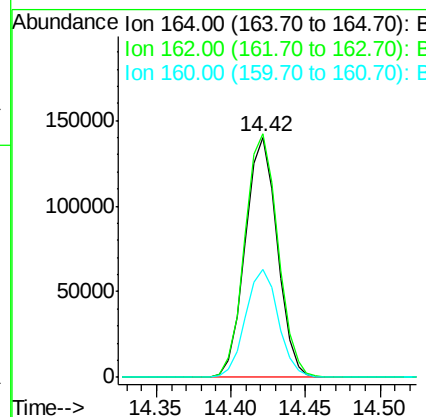
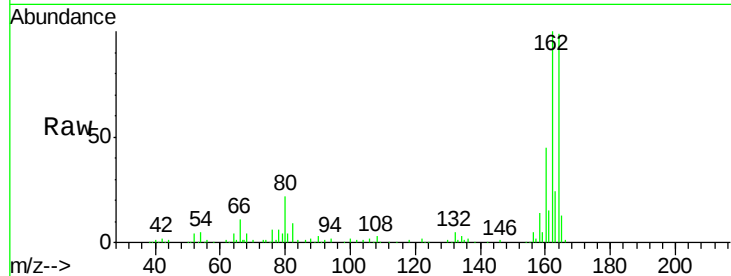
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.42 min Scan# 1944
Delta R.T. -0.01 min
Lab File: BM020242.D
Acq: 10 May 2019 15:15

Instrument :
BNA_M
ClientSampleId :
COMP-5.8.19MSD

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	208441		
162	101.4	82.2	123.2	
160	45.1	37.6	56.4	

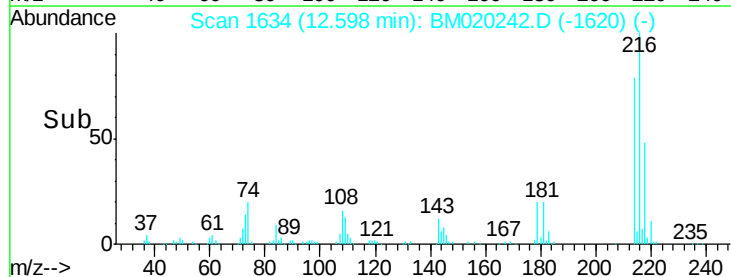
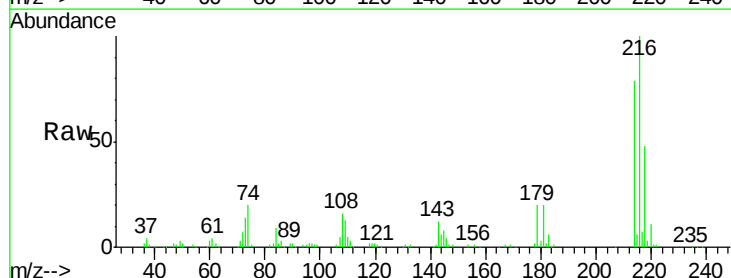
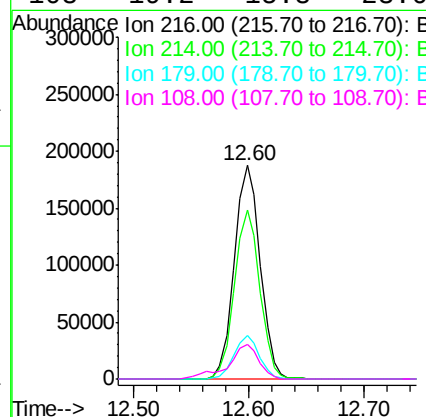
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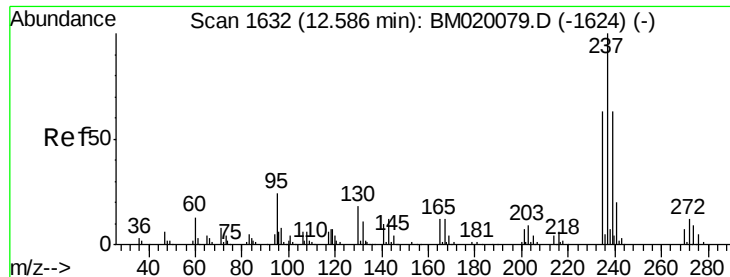
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#40
1,2,4,5-Tetrachlorobenzene
Concen: 35.656 ng
RT: 12.60 min Scan# 1634
Delta R.T. -0.02 min
Lab File: BM020242.D
Acq: 10 May 2019 15:15

Tgt Ion	Ratio	Resp	Lower	Upper
216	100	290772		
214	78.1	62.6	94.0	
179	19.7	17.1	25.7	
108	19.2	15.8	23.6	





#41

Hexachlorocyclopentadiene

Concen: 58.394 ng

RT: 12.56 min Scan# 1628

Delta R.T. -0.02 min

Lab File: BM020242.D

Acq: 10 May 2019 15:15

Instrument :

BNA_M

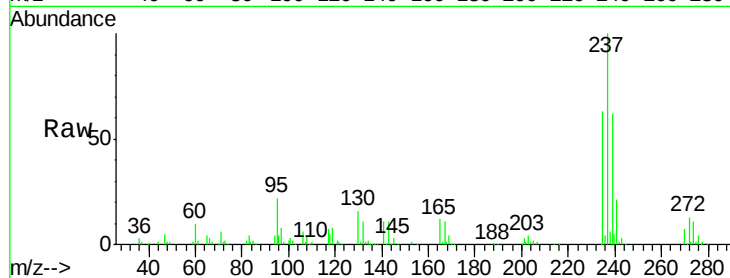
ClientSampleId :

COMP-5.8.19MSD

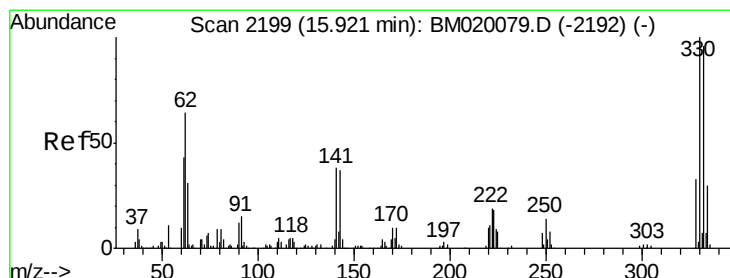
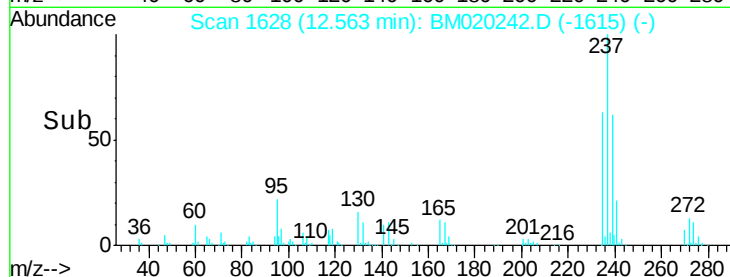
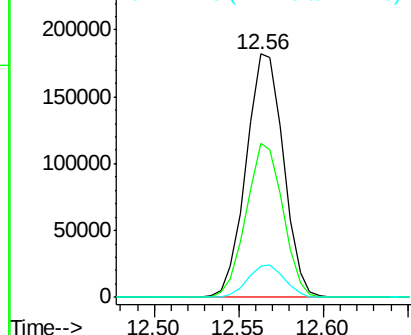
Tgt Ion:	237	Resp:	280389
Ion Ratio		Lower	Upper
237	100		
235	63.3	43.4	83.4
272	12.7	0.0	31.7

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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: 129.971 ng

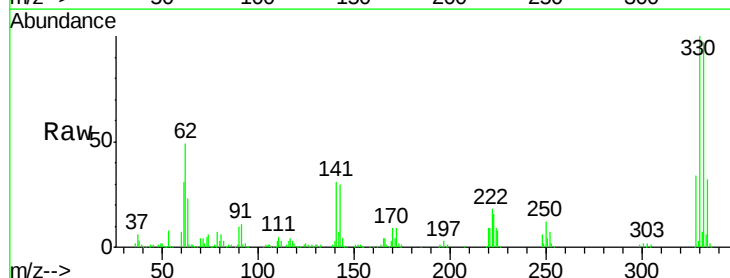
RT: 15.92 min Scan# 2198

Delta R.T. -0.01 min

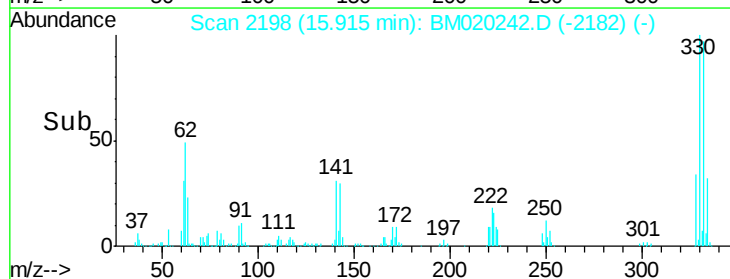
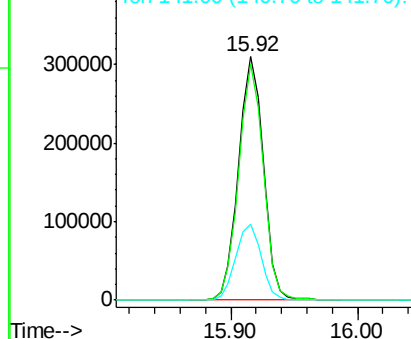
Lab File: BM020242.D

Acq: 10 May 2019 15:15

Tgt Ion:	330	Resp:	420508
Ion Ratio		Lower	Upper
330	100		
332	96.0	76.8	115.2
141	32.0	29.2	43.8



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





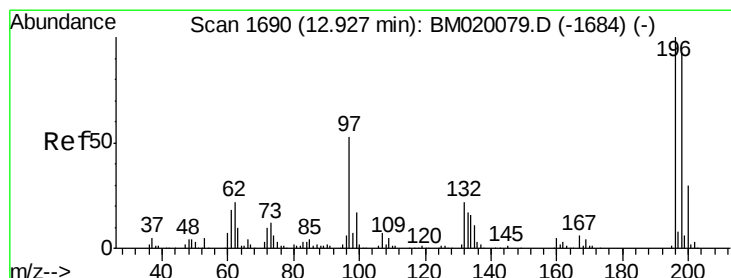
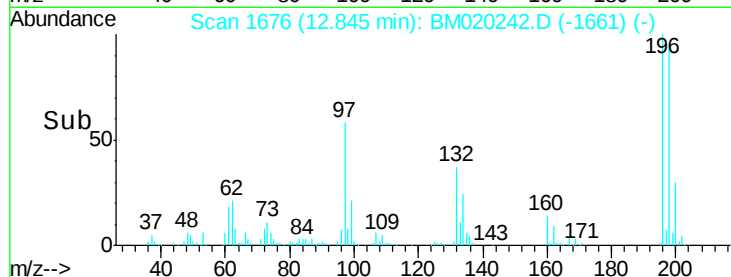
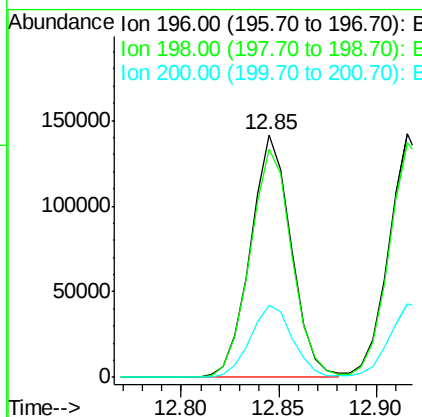
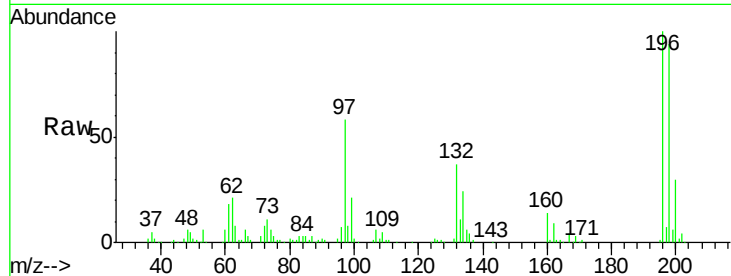
#43
 2,4,6-Trichlorophenol
 Concen: 44.277 ng
 RT: 12.85 min Scan# 1676
 Delta R.T. -0.01 min
 Lab File: BM020242.D
 Acq: 10 May 2019 15:15

Instrument :
 BNA_M
 ClientSampleId :
 COMP-5.8.19MSD

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	205213		
198	93.9	76.2	114.2	
200	30.0	24.3	36.5	

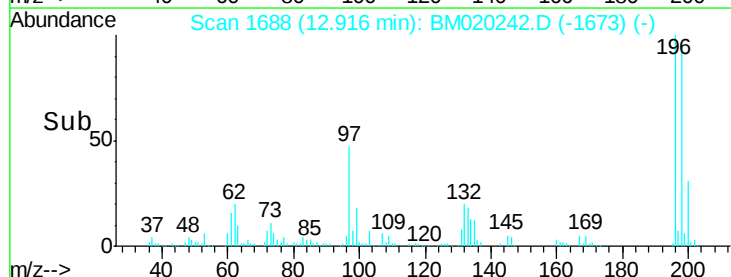
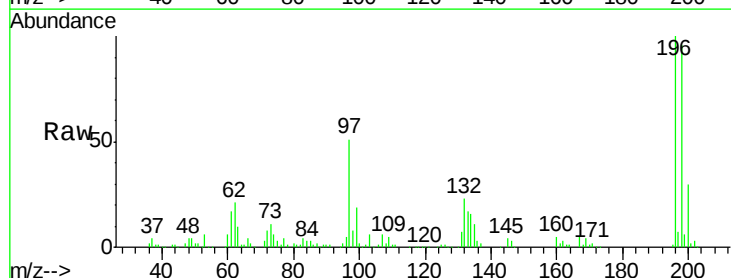
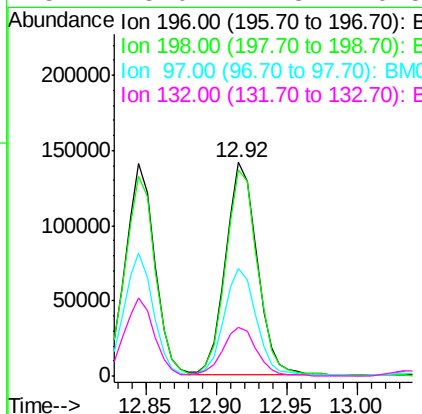
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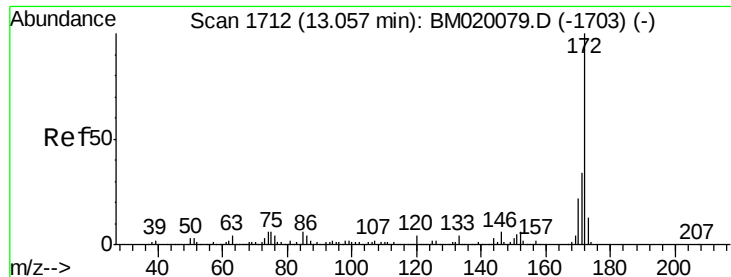
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#44
 2,4,5-Trichlorophenol
 Concen: 42.550 ng
 RT: 12.92 min Scan# 1688
 Delta R.T. -0.01 min
 Lab File: BM020242.D
 Acq: 10 May 2019 15:15

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	220306		
198	96.4	74.7	112.1	
97	50.6	42.2	63.4	
132	23.0	17.8	26.8	





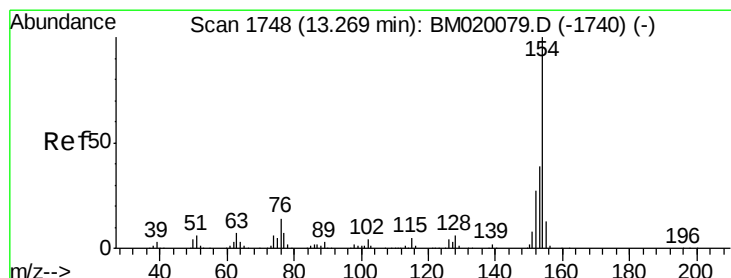
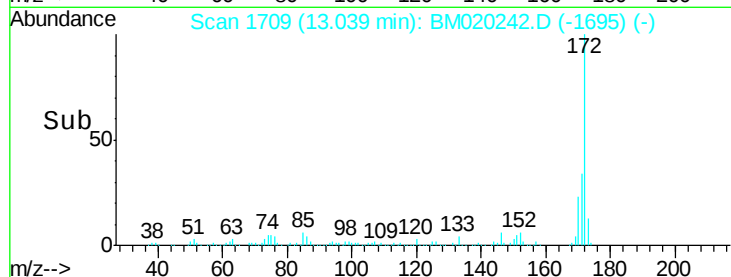
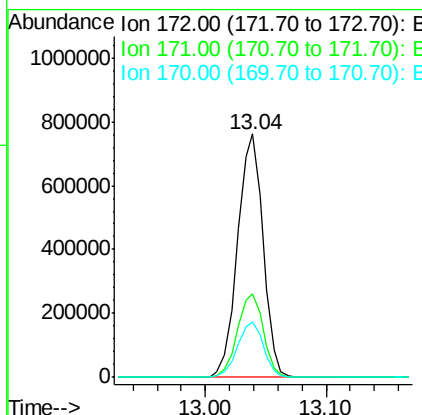
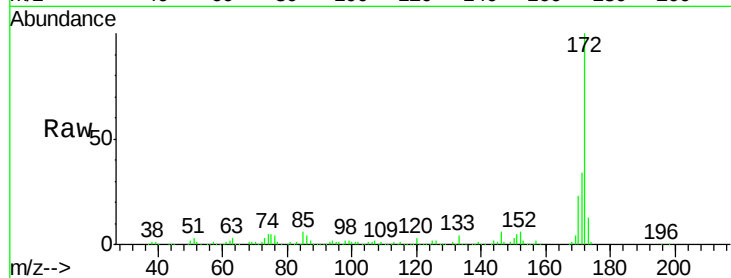
#45
2-Fluorobiphenyl
Concen: 66.349 ng
RT: 13.04 min Scan# 1709
Delta R.T. -0.02 min
Lab File: BM020242.D
Acq: 10 May 2019 15:15

Instrument :
BNA_M
ClientSampleId :
COMP-5.8.19MSD

Tgt Ion:172 Resp: 1124052
Ion Ratio Lower Upper
172 100
171 34.4 27.3 40.9
170 22.6 17.9 26.9

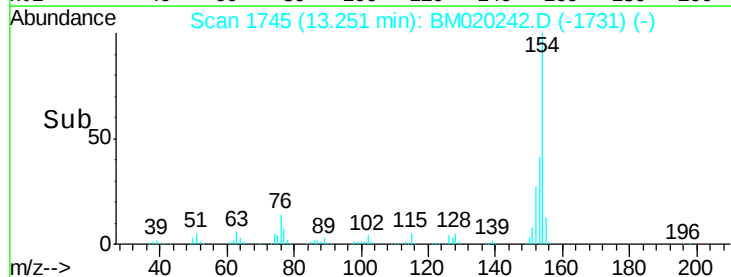
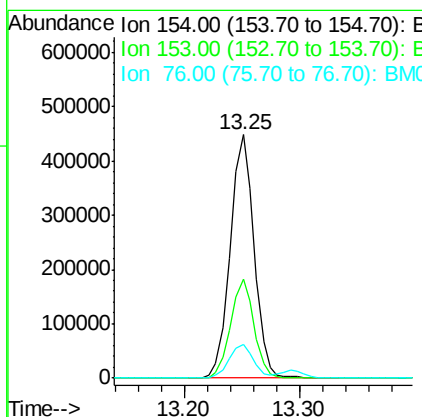
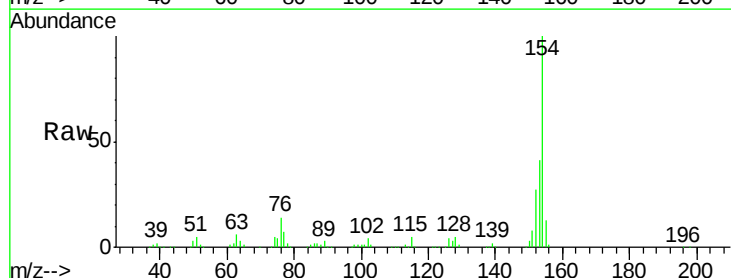
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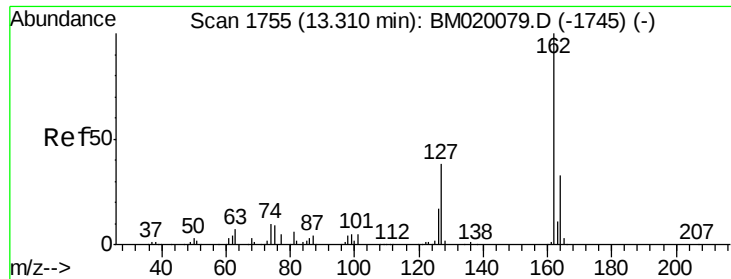
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#46
1,1'-Biphenyl
Concen: 37.272 ng
RT: 13.25 min Scan# 1745
Delta R.T. -0.02 min
Lab File: BM020242.D
Acq: 10 May 2019 15:15

Tgt Ion:154 Resp: 639461
Ion Ratio Lower Upper
154 100
153 40.7 19.4 59.4
76 14.0 0.0 34.5





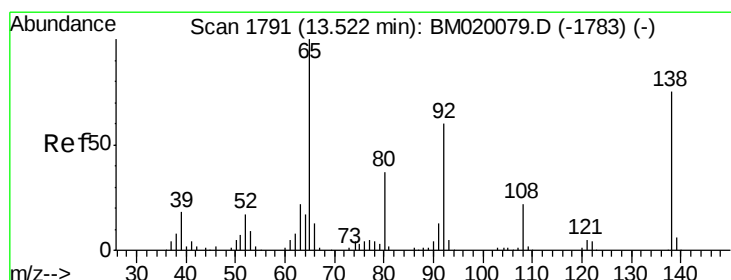
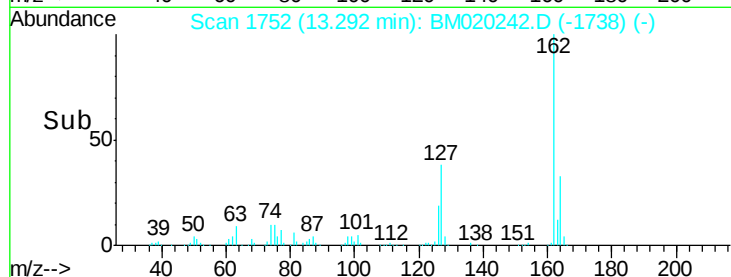
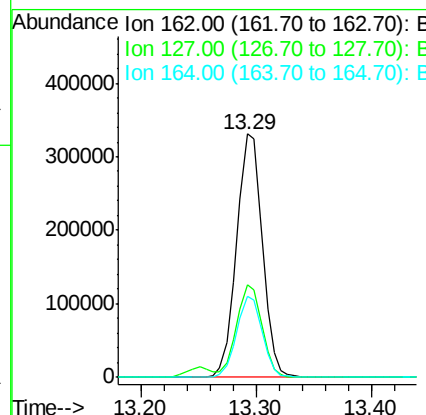
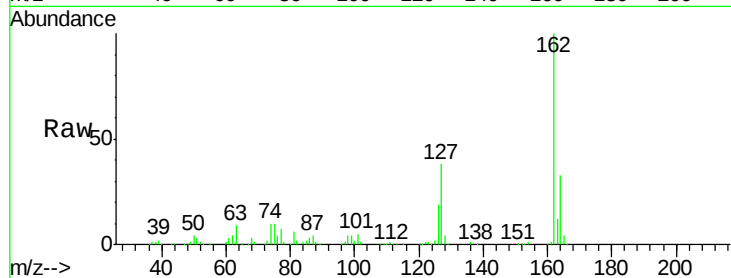
#47
2-Chloronaphthalene
Concen: 37.457 ng
RT: 13.29 min Scan# 1752
Delta R.T. -0.02 min
Lab File: BM020242.D
Acq: 10 May 2019 15:15

Instrument :
BNA_M
ClientSampleId :
COMP-5.8.19MSD

Tgt Ion	Ratio	Resp	Lower	Upper
162	100	513102		
127	37.8	31.0	46.4	
164	33.4	26.2	39.2	

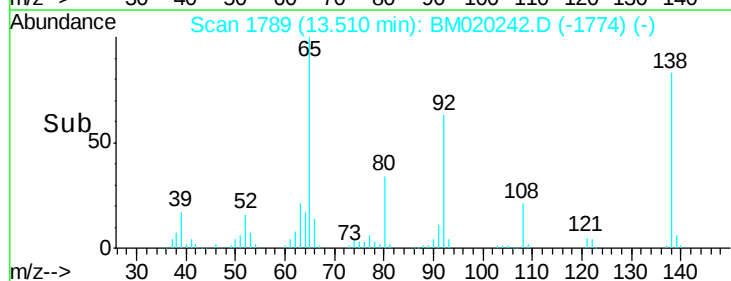
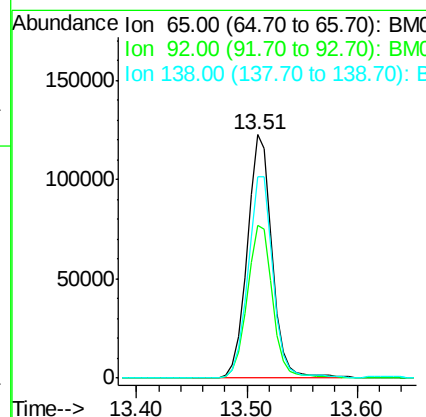
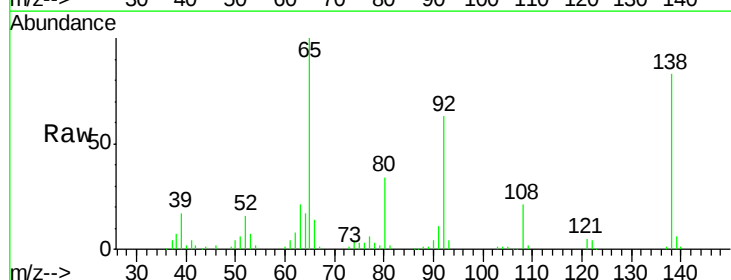
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#48
2-Nitroaniline
Concen: 39.727 ng
RT: 13.51 min Scan# 1789
Delta R.T. -0.01 min
Lab File: BM020242.D
Acq: 10 May 2019 15:15

Tgt Ion	Ratio	Resp	Lower	Upper
65	100	193742		
92	62.9	48.2	72.4	
138	82.5	60.3	90.5	





#49

Acenaphthylene

Concen: 37.502 ng

RT: 14.14 min Scan# 1897

Delta R.T. -0.01 min

Lab File: BM020242.D

Acq: 10 May 2019 15:15

Instrument :

BNA_M

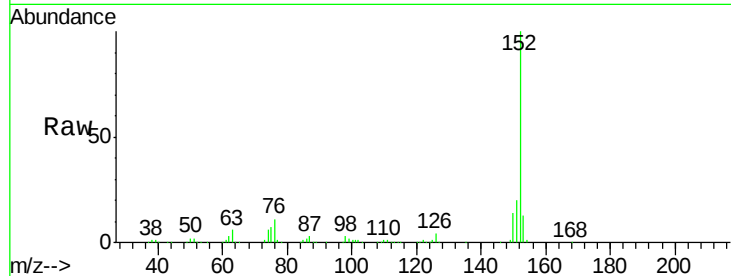
ClientSampleId :

COMP-5.8.19MSD

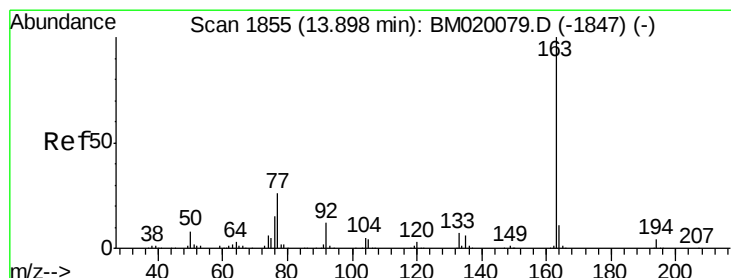
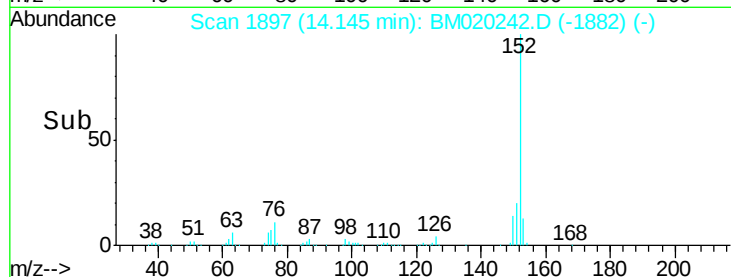
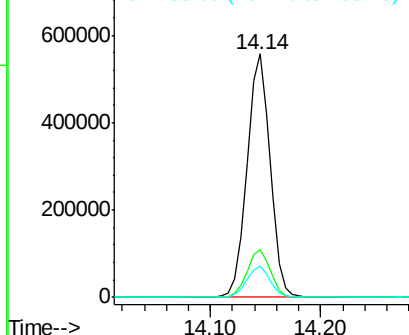
Tgt Ion:	152	Resp:	822150
Ion Ratio	Lower	Upper	
152	100		
151	19.6	16.2	24.2
153	12.7	10.6	16.0

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



#50

Dimethylphthalate

Concen: 44.987 ng

RT: 13.88 min Scan# 1852

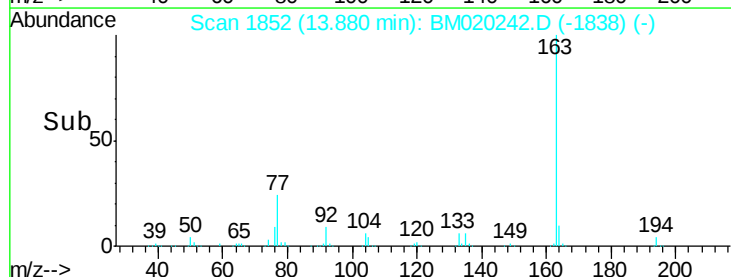
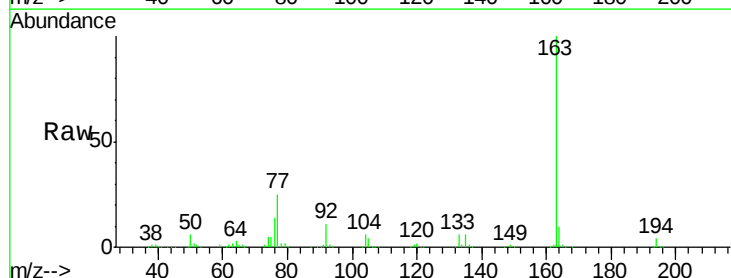
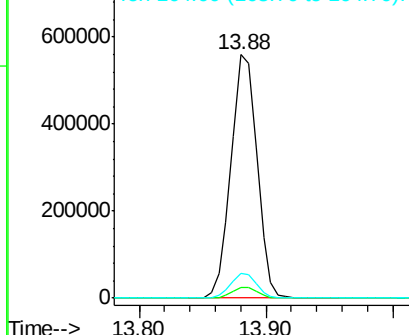
Delta R.T. -0.02 min

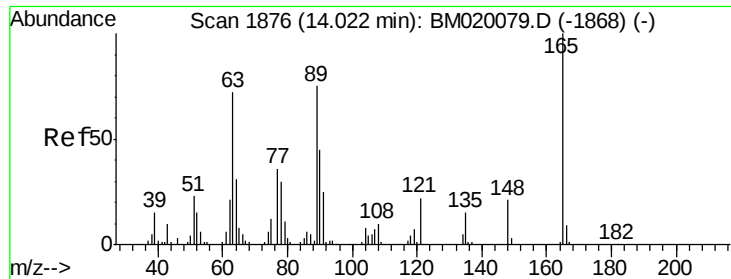
Lab File: BM020242.D

Acq: 10 May 2019 15:15

Tgt Ion:	163	Resp:	796983
Ion Ratio	Lower	Upper	
163	100		
194	4.5	3.6	5.4
164	10.2	8.4	12.6

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





#51

2,6-Dinitrotoluene

Concen: 41.218 ng

RT: 14.01 min Scan# 1874

Delta R.T. -0.01 min

Lab File: BM020242.D

Acq: 10 May 2019 15:15

Instrument :

BNA_M

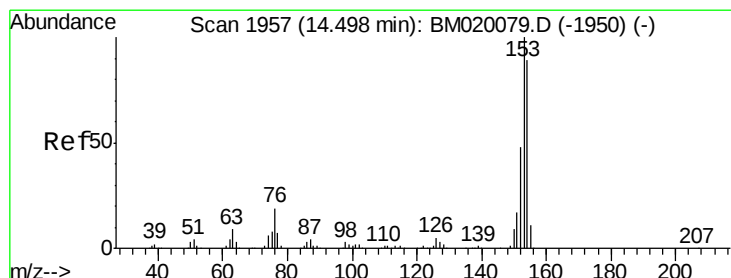
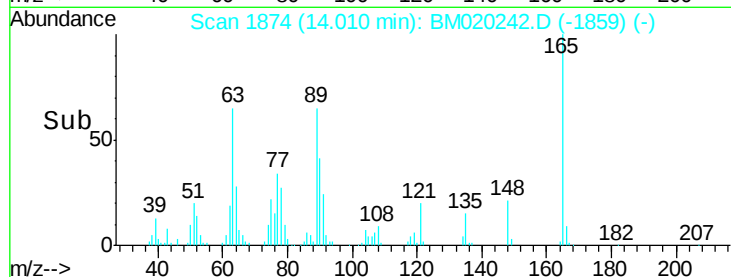
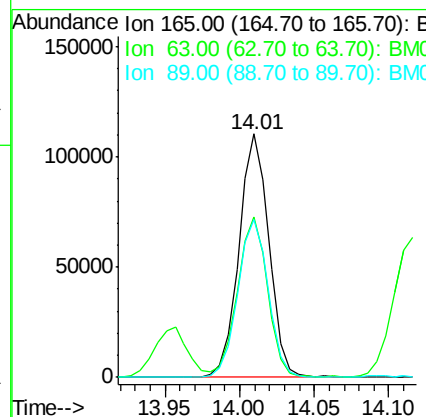
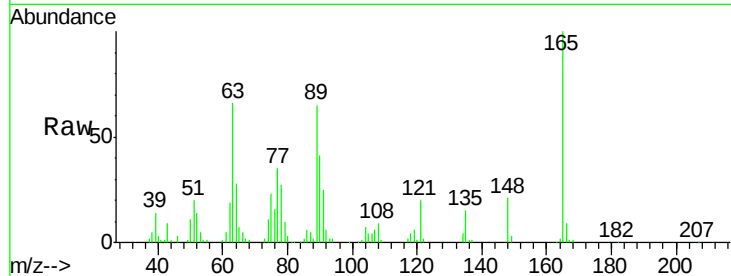
ClientSampleId :

COMP-5.8.19MSD

Tgt Ion:	165	Resp:	153798
Ion Ratio	Lower	Upper	
165	100		
63	65.8	60.3	90.5
89	64.6	59.8	89.6

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#52

Acenaphthene

Concen: 38.494 ng

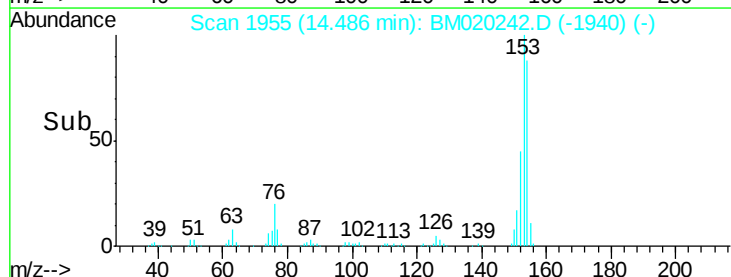
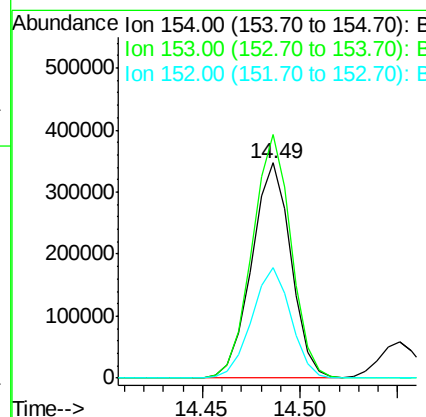
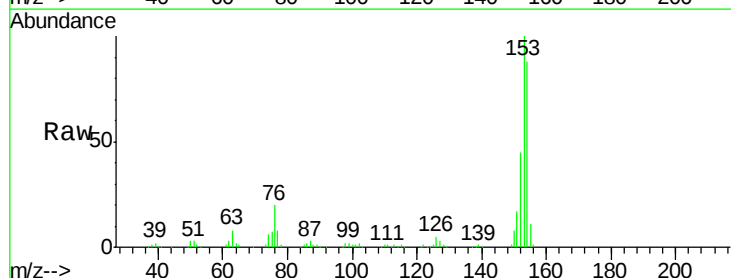
RT: 14.49 min Scan# 1955

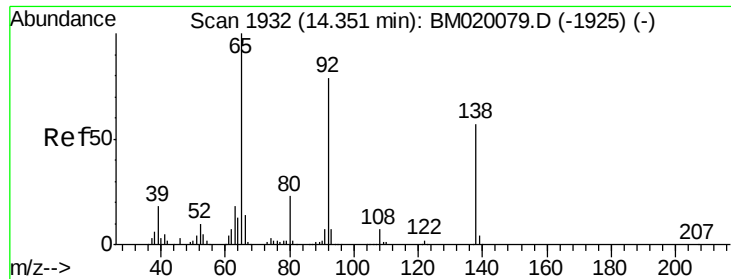
Delta R.T. -0.01 min

Lab File: BM020242.D

Acq: 10 May 2019 15:15

Tgt Ion:	154	Resp:	483927
Ion Ratio	Lower	Upper	
154	100		
153	113.2	90.2	135.2
152	51.4	43.0	64.4





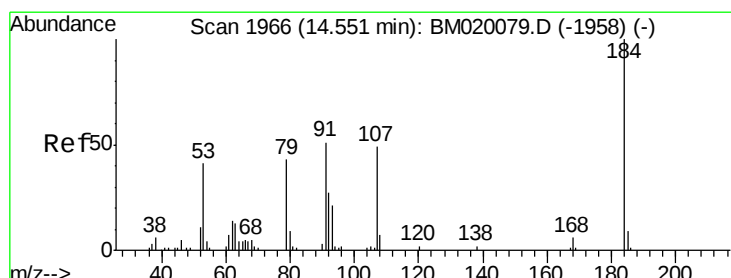
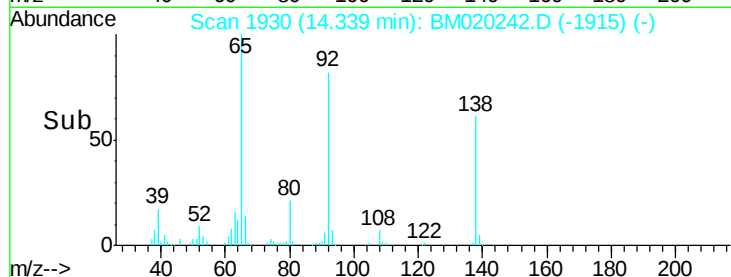
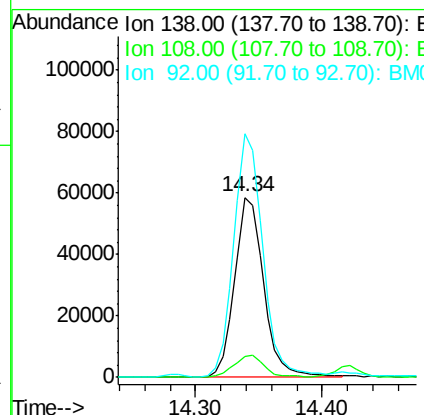
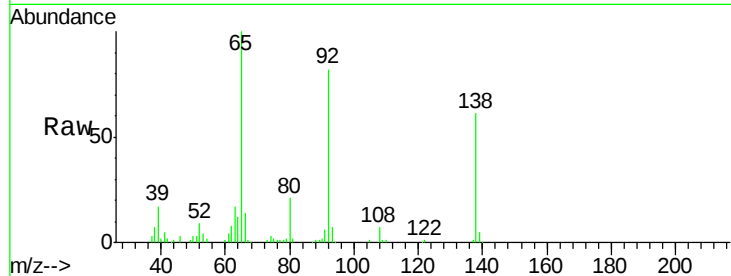
#53
3-Nitroaniline
Concen: 26.776 ng
RT: 14.34 min Scan# 1930
Delta R.T. -0.01 min
Lab File: BM020242.D
Acq: 10 May 2019 15:15

Instrument :
BNA_M
ClientSampleId :
COMP-5.8.19MSD

Tgt Ion:138 Resp: 92728
Ion Ratio Lower Upper
138 100
108 11.7 10.4 15.6
92 135.5 111.3 166.9

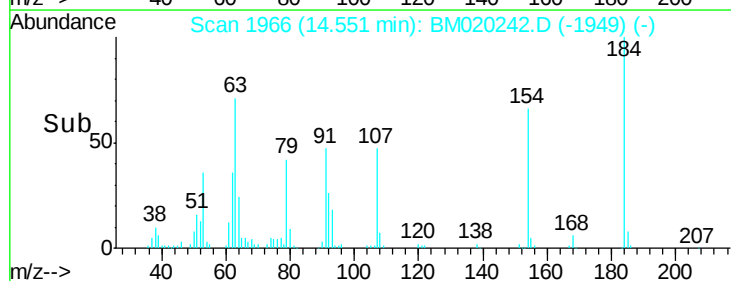
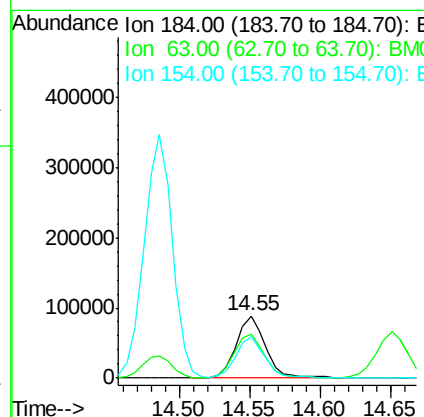
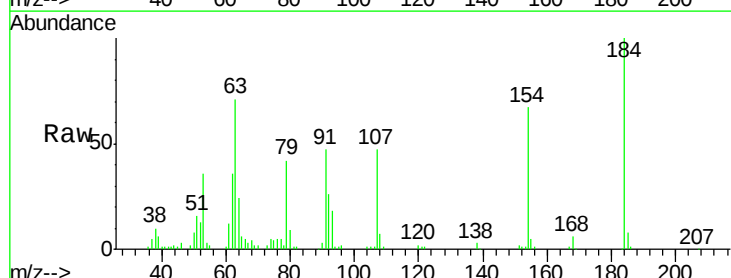
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#54
2,4-Dinitrophenol
Concen: 70.117 ng
RT: 14.55 min Scan# 1966
Delta R.T. 0.00 min
Lab File: BM020242.D
Acq: 10 May 2019 15:15

Tgt Ion:184 Resp: 128862
Ion Ratio Lower Upper
184 100
63 71.0 68.9 103.3
154 66.7 54.4 81.6





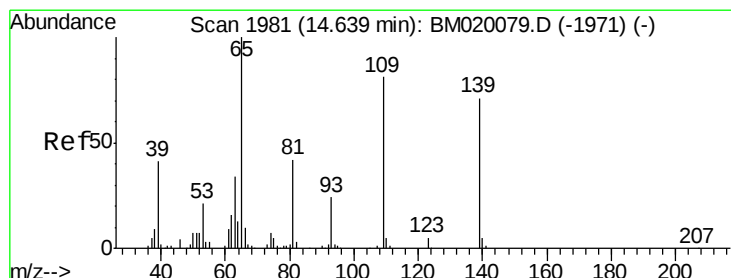
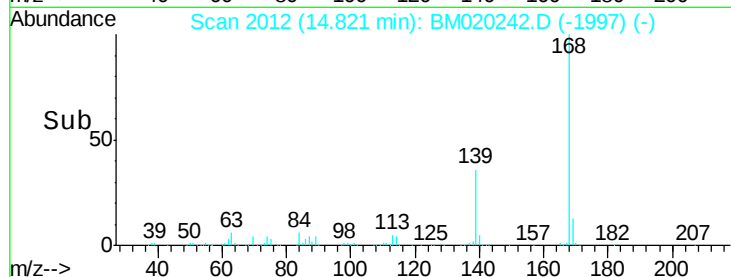
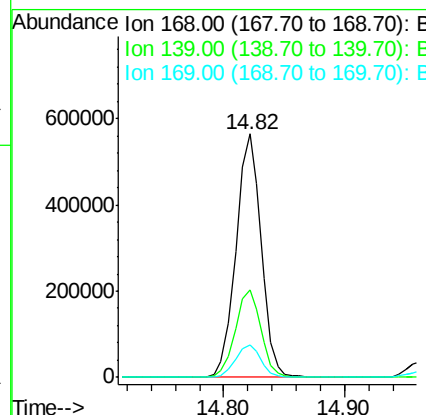
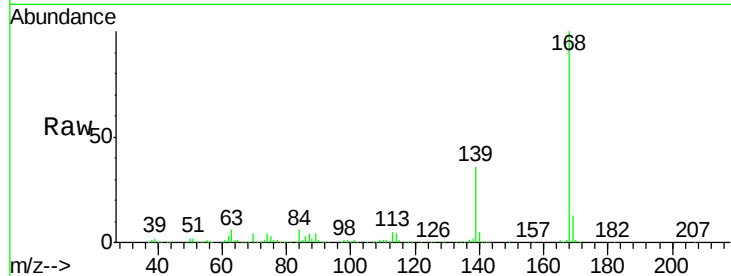
#55
Dibenzenofuran
Concen: 38.611 ng
RT: 14.82 min Scan# 2012
Delta R.T. -0.01 min
Lab File: BM020242.D
Acq: 10 May 2019 15:15

Instrument :
BNA_M
ClientSampleId :
COMP-5.8.19MSD

Tgt Ion	Ratio	Lower	Upper
168	100		
139	36.1	31.1	46.7
169	13.1	10.6	16.0

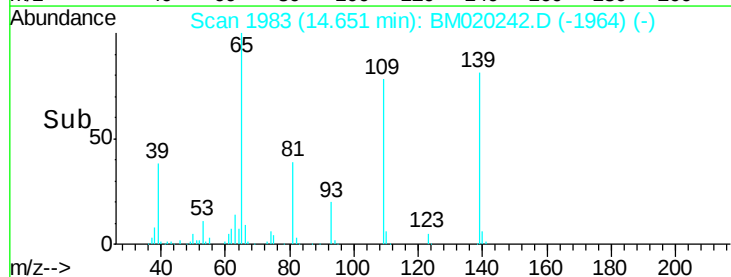
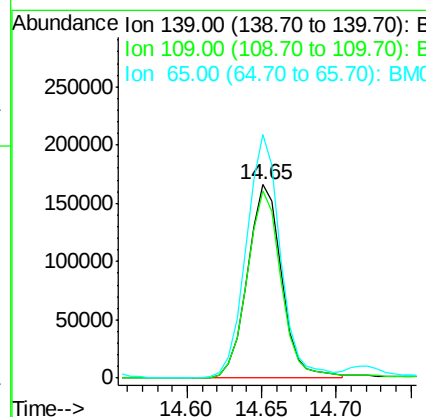
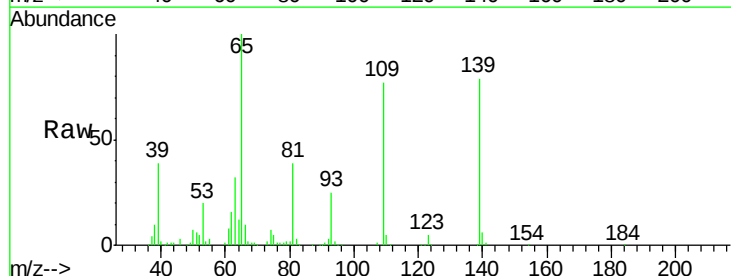
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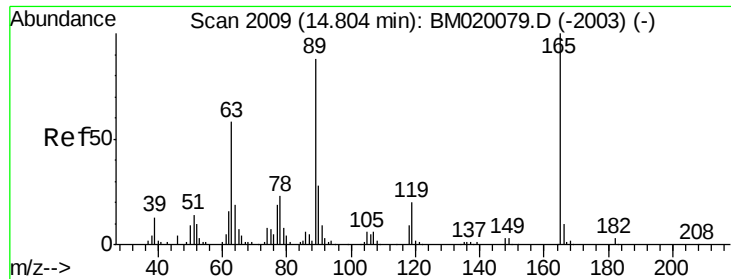
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#56
4-Nitrophenol
Concen: 89.163 ng
RT: 14.65 min Scan# 1983
Delta R.T. 0.01 min
Lab File: BM020242.D
Acq: 10 May 2019 15:15

Tgt Ion	Ratio	Lower	Upper
139	100		
109	97.1	94.1	134.1
65	125.9	120.9	160.9





#57

2,4-Dinitrotoluene

Concen: 43.265 ng

RT: 14.80 min Scan# 2008

Delta R.T. -0.01 min

Lab File: BM020242.D

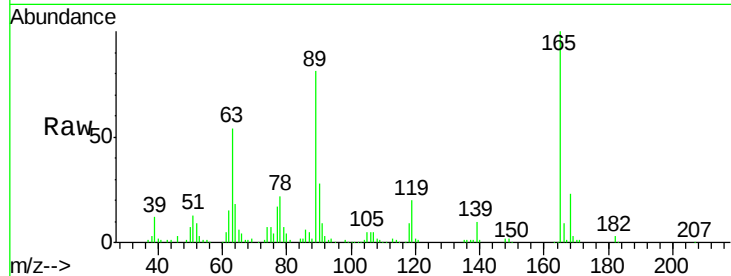
Acq: 10 May 2019 15:15

Instrument :

BNA_M

ClientSampleId :

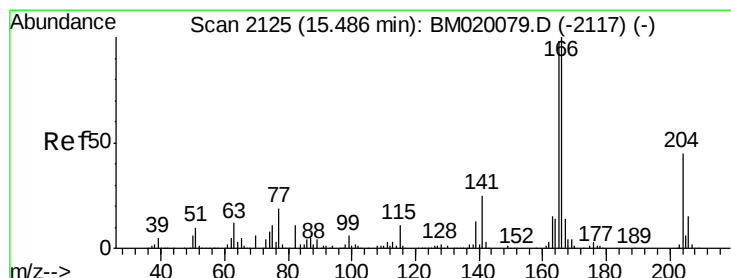
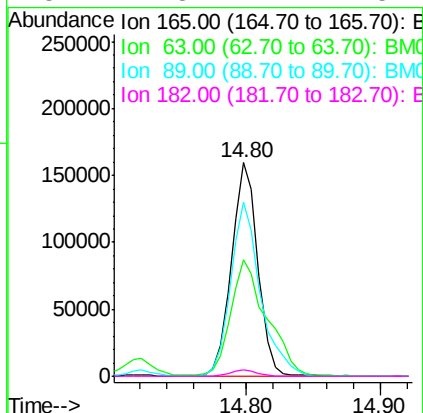
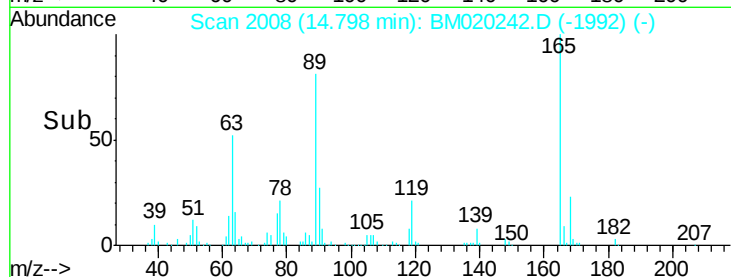
COMP-5.8.19MSD



Tgt Ion	Ratio	Resp	Lower	Upper
165	100	219363		
63	54.5	46.2	69.2	
89	81.4	70.6	105.8	
182	2.8	2.2	3.2	

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#58

Fluorene

Concen: 38.500 ng

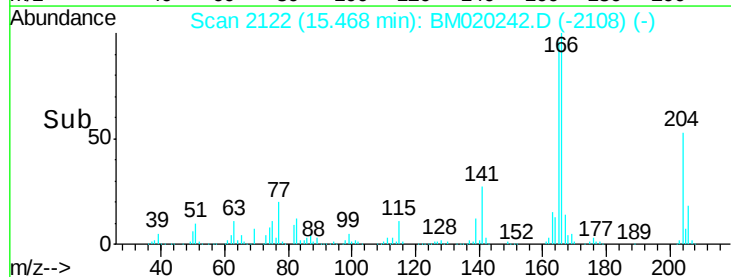
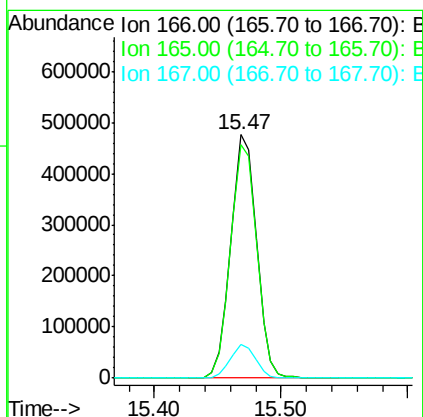
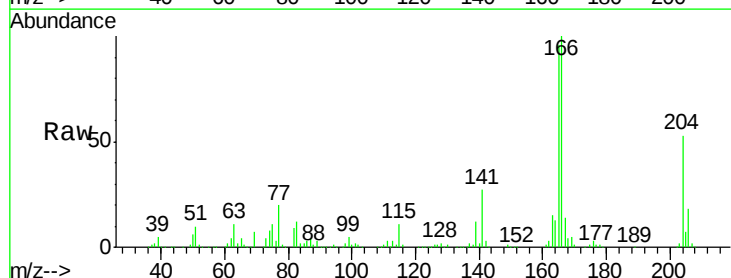
RT: 15.47 min Scan# 2122

Delta R.T. -0.02 min

Lab File: BM020242.D

Acq: 10 May 2019 15:15

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	670501		
165	95.6	78.2	117.2	
167	14.0	11.0	16.4	





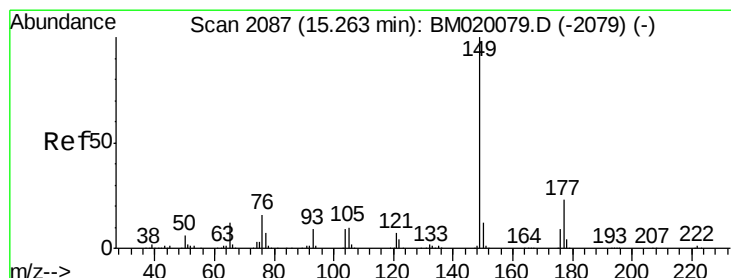
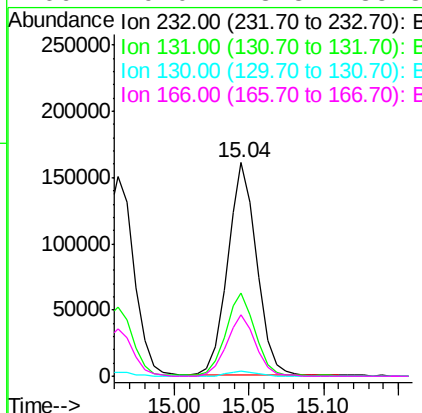
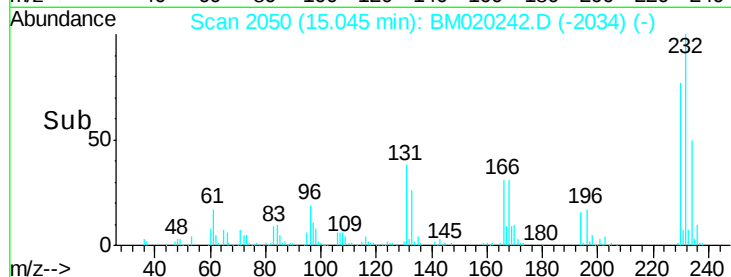
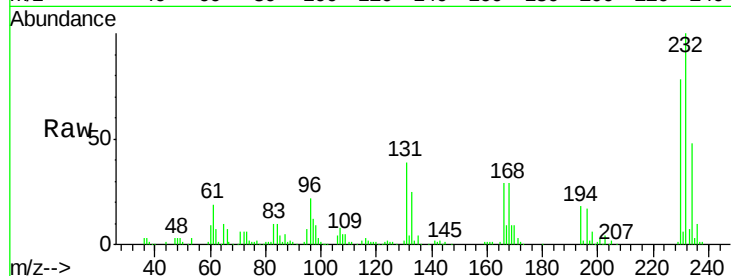
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 44.463 ng
 RT: 15.04 min Scan# 2050
 Delta R.T. -0.01 min
 Lab File: BM020242.D
 Acq: 10 May 2019 15:15

Instrument :
 BNA_M
 ClientSampleId :
 COMP-5.8.19MSD

Tgt Ion	Ratio	Resp	Lower	Upper
232	100	218770		
131	40.2	34.2	51.4	
130	2.2	2.0	3.0	
166	29.0	23.8	35.8	

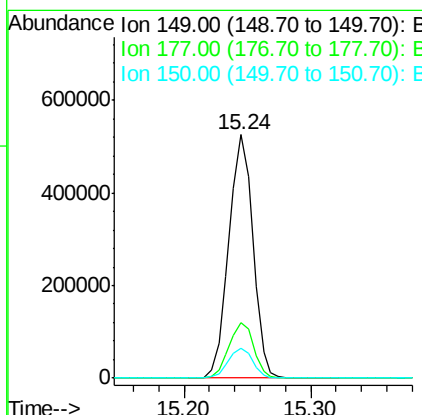
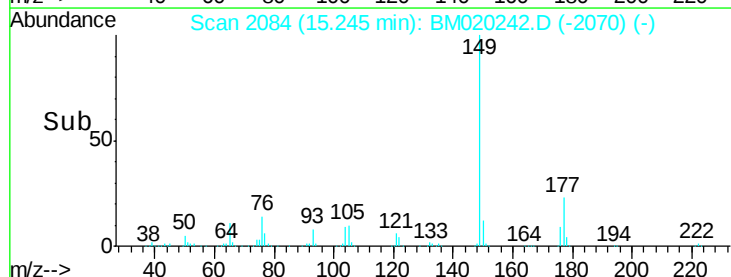
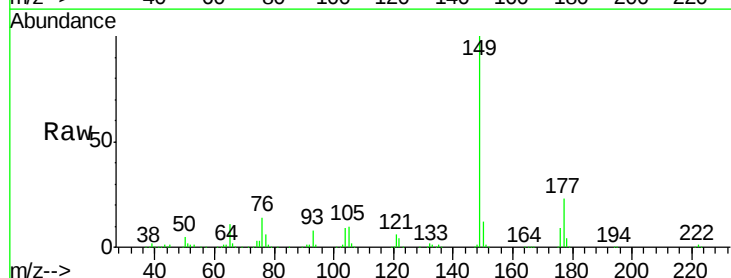
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#60
 Diethylphthalate
 Concen: 38.780 ng
 RT: 15.24 min Scan# 2084
 Delta R.T. -0.02 min
 Lab File: BM020242.D
 Acq: 10 May 2019 15:15

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	692169		
177	22.9	18.2	27.4	
150	12.4	9.9	14.9	





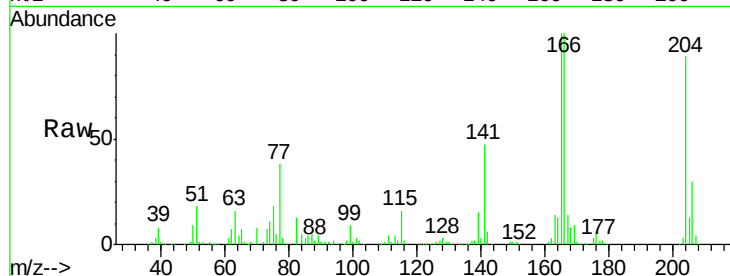
#61
 4-Chlorophenyl-phenylether
 Concen: 37.704 ng
 RT: 15.46 min Scan# 2121
 Delta R.T. -0.02 min
 Lab File: BM020242.D
 Acq: 10 May 2019 15:15

Instrument :
 BNA_M
 ClientSampleId :
 COMP-5.8.19MSD

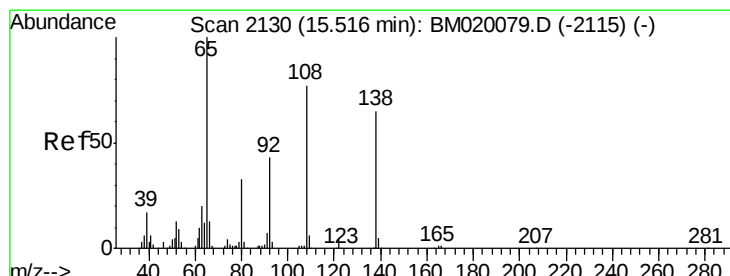
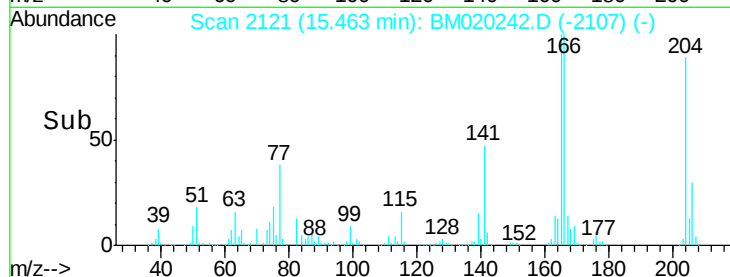
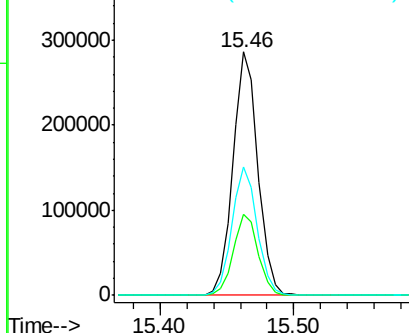
Tgt Ion:	204	Resp:	372051
Ion Ratio	Lower	Upper	
204	100		
206	33.3	25.6	38.4
141	52.9	46.1	69.1

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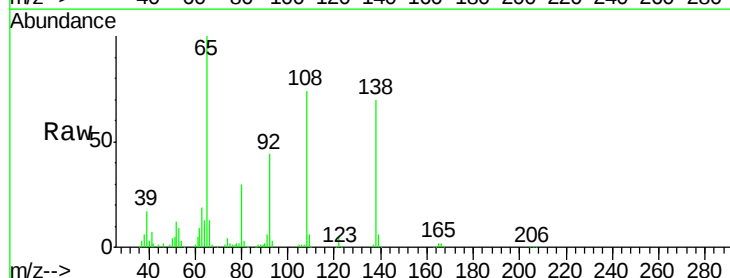


Abundance Ion 204.00 (203.70 to 204.70): E
 Ion 206.00 (205.70 to 206.70): E
 Ion 141.00 (140.70 to 141.70): E

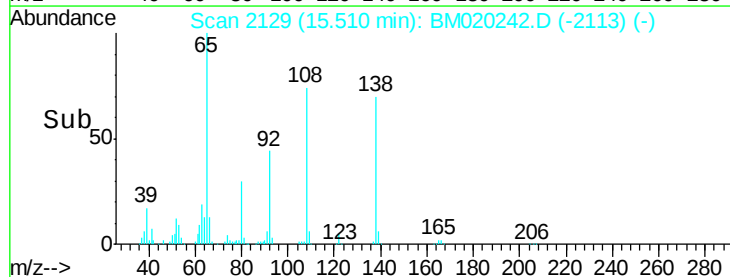
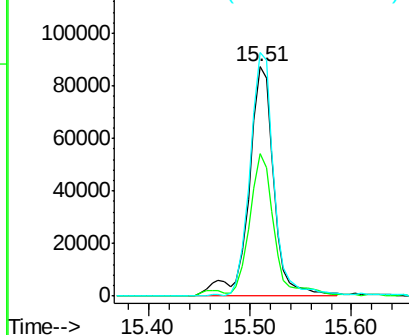


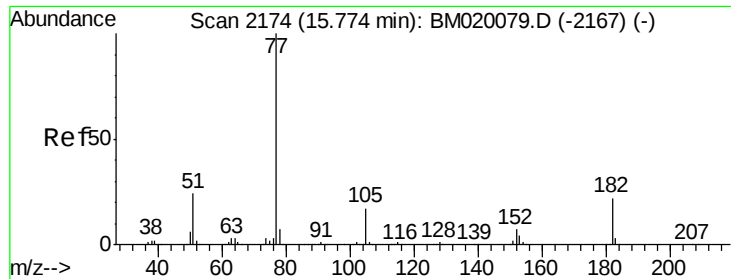
#62
 4-Nitroaniline
 Concen: 39.455 ng m
 RT: 15.51 min Scan# 2129
 Delta R.T. -0.01 min
 Lab File: BM020242.D
 Acq: 10 May 2019 15:15

Tgt Ion:	138	Resp:	150791
Ion Ratio	Lower	Upper	
138	100		
92	62.4	45.9	85.9
108	106.1	97.7	137.7



Abundance Ion 138.00 (137.70 to 138.70): E
 Ion 92.00 (91.70 to 92.70): BM0
 Ion 108.00 (107.70 to 108.70): E





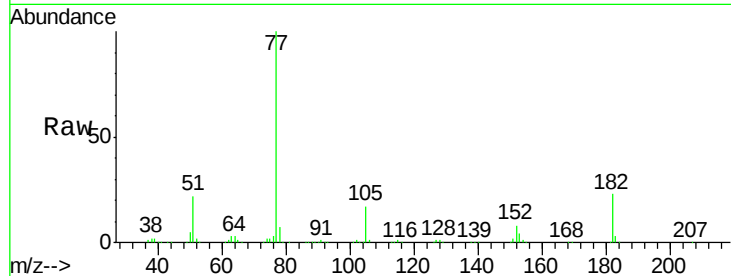
#63
Azobenzene
Concen: 35.786 ng
RT: 15.76 min Scan# 2171
Delta R.T. -0.02 min
Lab File: BM020242.D
Acq: 10 May 2019 15:15

Instrument :
BNA_M
ClientSampleId :
COMP-5.8.19MSD

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	753516		
182	23.4	2.1	42.1	
105	16.7	0.0	36.8	
51	22.2	3.8	43.8	

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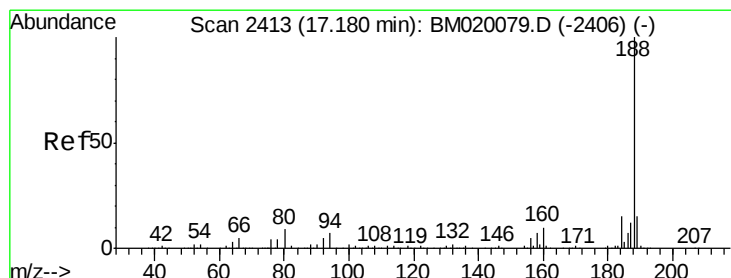
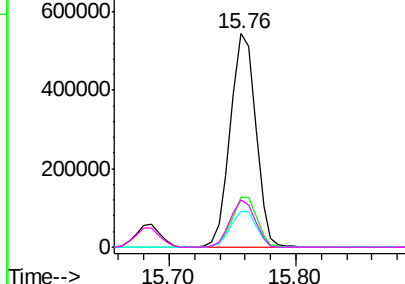
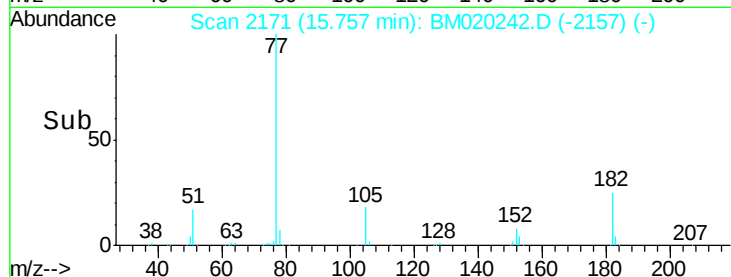


Abundance Ion 77.00 (76.70 to 77.70): BM020079.D (-2167) (-)

Ion 182.00 (181.70 to 182.70): BM020079.D (-2167) (-)

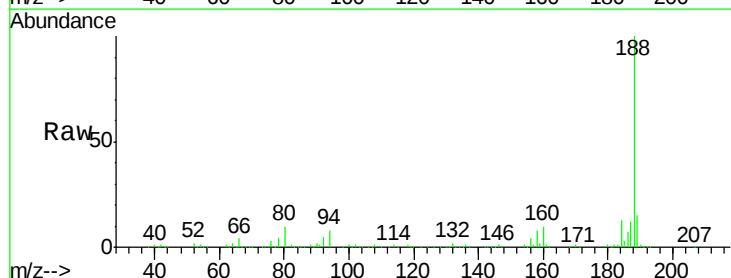
Ion 105.00 (104.70 to 105.70): BM020079.D (-2167) (-)

Ion 51.00 (50.70 to 51.70): BM020079.D (-2167) (-)



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.17 min Scan# 2411
Delta R.T. -0.01 min
Lab File: BM020242.D
Acq: 10 May 2019 15:15

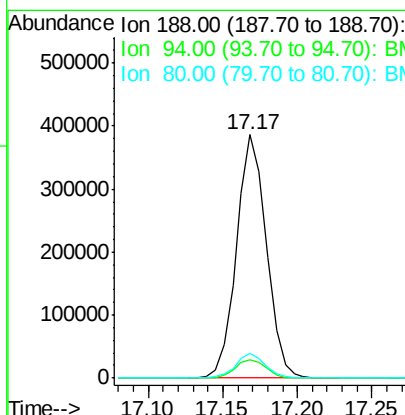
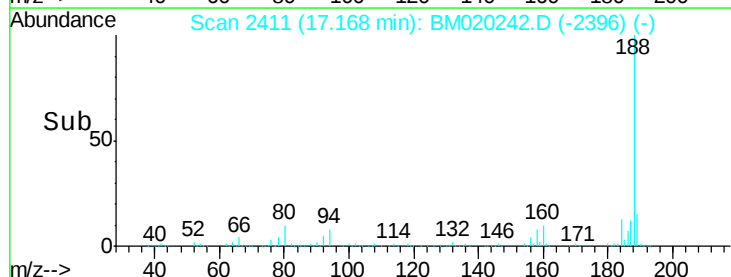
Tgt Ion	Ratio	Resp	Lower	Upper
188	100	538184		
94	7.7	5.8	8.6	
80	10.0	7.4	11.2	

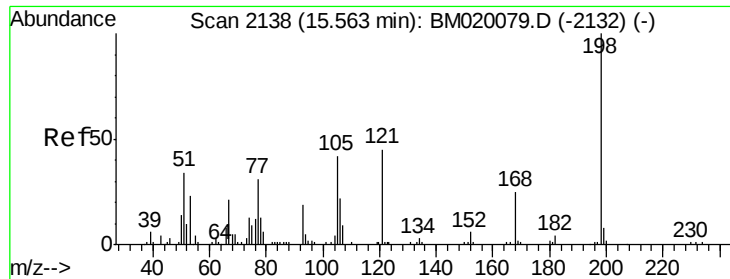


Abundance Ion 188.00 (187.70 to 188.70): BM020079.D (-2406) (-)

Ion 94.00 (93.70 to 94.70): BM020079.D (-2406) (-)

Ion 80.00 (79.70 to 80.70): BM020079.D (-2406) (-)





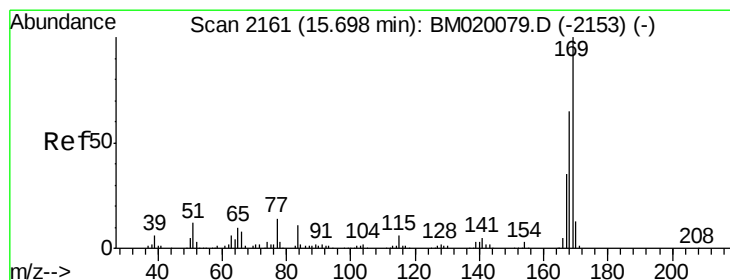
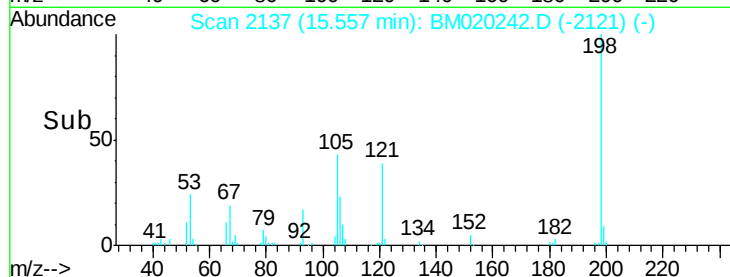
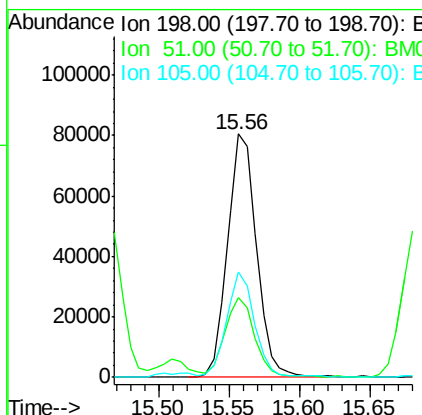
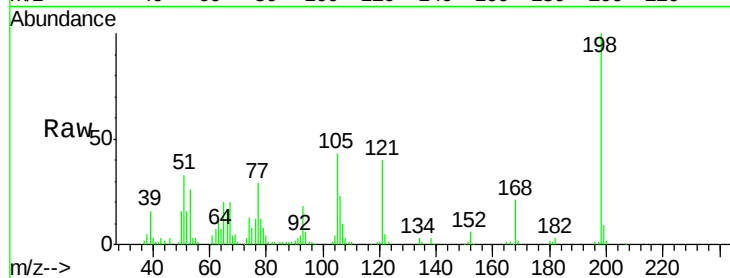
#65
 4,6-Dinitro-2-methylphenol
 Concen: 43.235 ng
 RT: 15.56 min Scan# 2137
 Delta R.T. -0.01 min
 Lab File: BM020242.D
 Acq: 10 May 2019 15:15

Instrument :
 BNA_M
 ClientSampleId :
 COMP-5.8.19MSD

Tgt Ion	Ratio	Resp	Lower	Upper
198	100	115135		
51	32.9	16.5	56.5	
105	43.3	22.8	62.8	

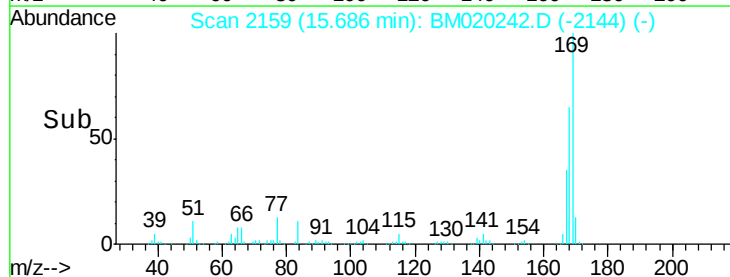
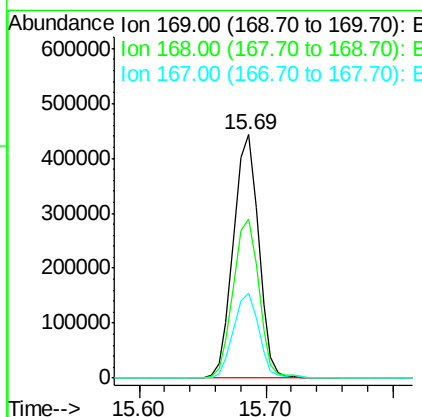
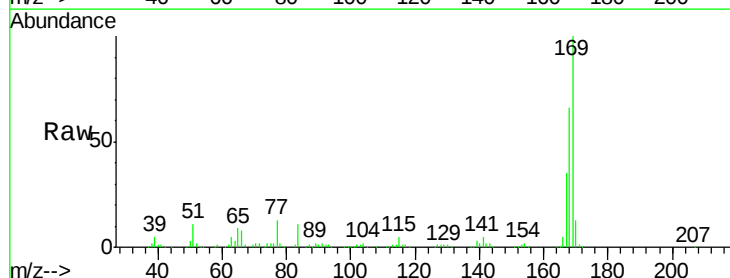
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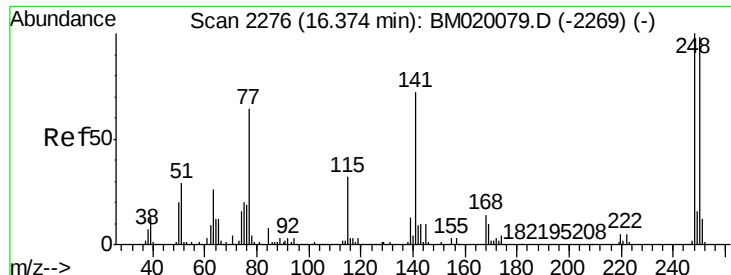
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#66
 n-Nitrosodiphenylamine
 Concen: 38.533 ng
 RT: 15.69 min Scan# 2159
 Delta R.T. -0.01 min
 Lab File: BM020242.D
 Acq: 10 May 2019 15:15

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	610224		
168	65.5	51.9	77.9	
167	34.9	27.8	41.6	





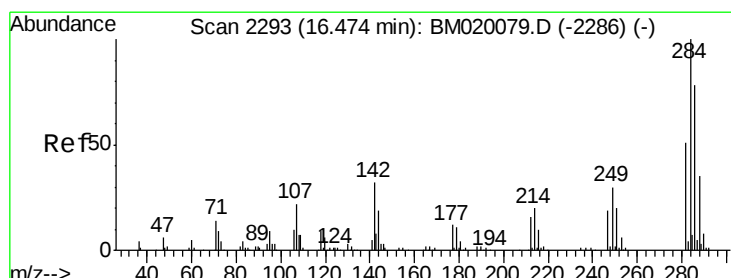
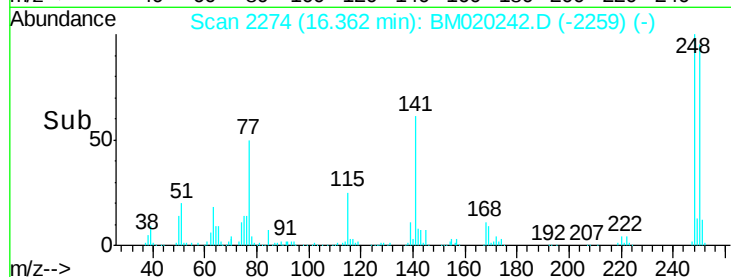
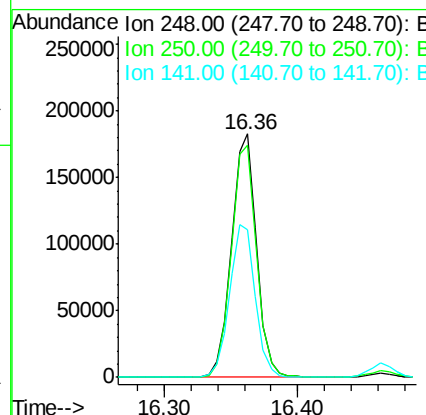
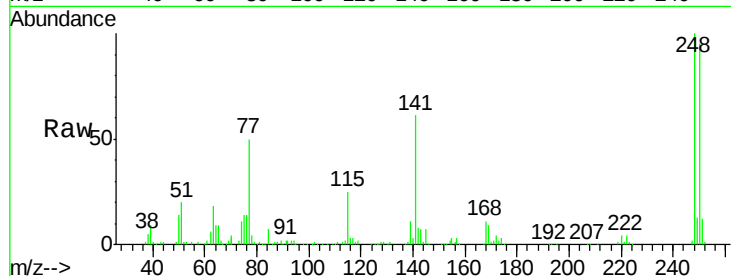
#67
 4-Bromophenyl-phenylether
 Concen: 36.506 ng
 RT: 16.36 min Scan# 2274
 Delta R.T. -0.01 min
 Lab File: BM020242.D
 Acq: 10 May 2019 15:15

Instrument :
 BNA_M
 ClientSampleId :
 COMP-5.8.19MSD

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	240921		
250	95.3	78.4	117.6	
141	60.9	57.4	86.2	

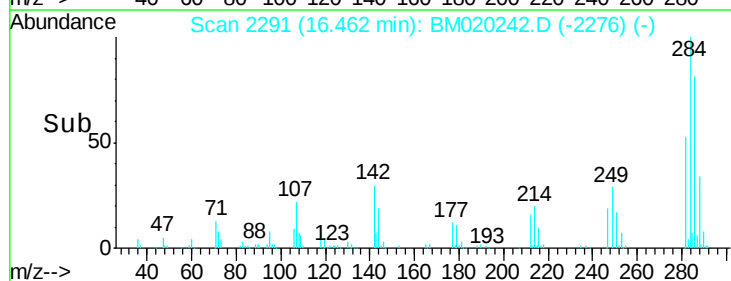
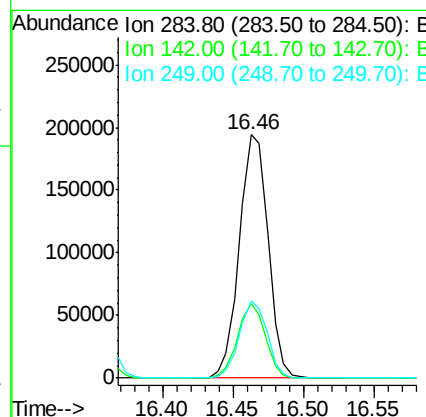
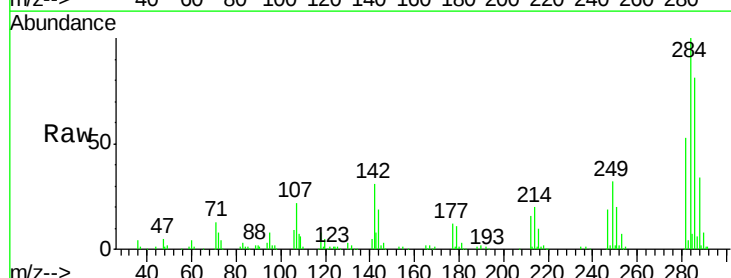
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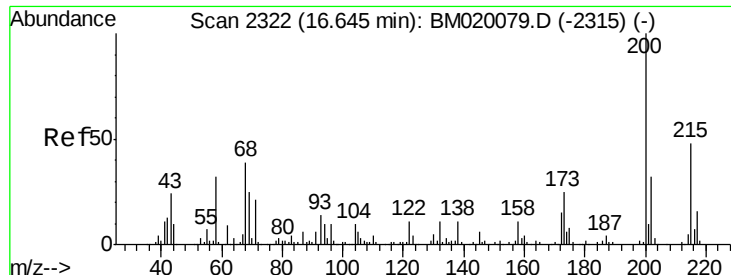
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#68
 Hexachlorobenzene
 Concen: 36.336 ng
 RT: 16.46 min Scan# 2291
 Delta R.T. -0.01 min
 Lab File: BM020242.D
 Acq: 10 May 2019 15:15

Tgt Ion	Ratio	Resp	Lower	Upper
284	100	275946		
142	30.8	25.2	37.8	
249	31.7	23.6	35.4	





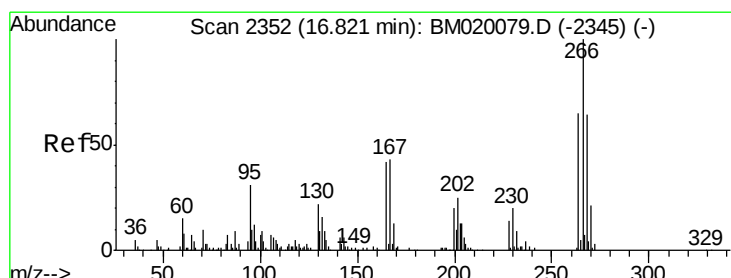
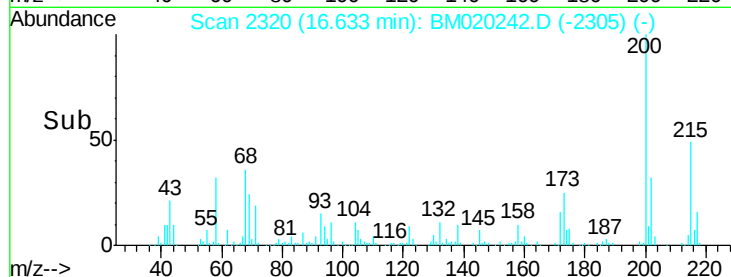
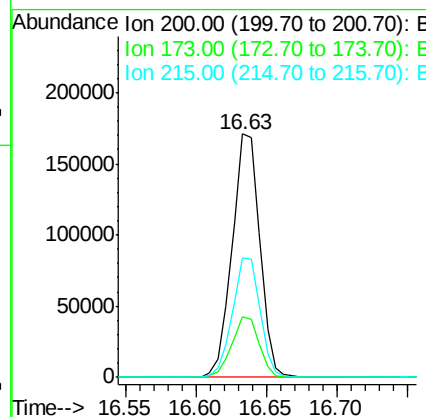
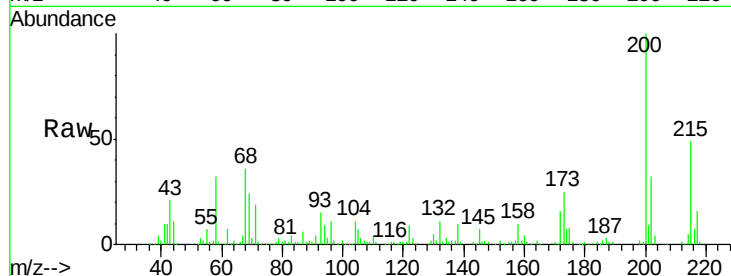
#69
 Atrazine
 Concen: 37.648 ng
 RT: 16.63 min Scan# 2320
 Delta R.T. -0.01 min
 Lab File: BM020242.D
 Acq: 10 May 2019 15:15

Instrument :
 BNA_M
 ClientSampleId :
 COMP-5.8.19MSD

Tgt Ion	Ratio	Resp Lower	Resp Upper
200	100		
173	25.1	4.6	44.6
215	48.9	28.0	68.0

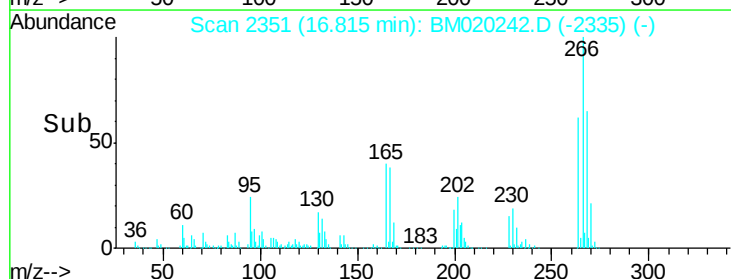
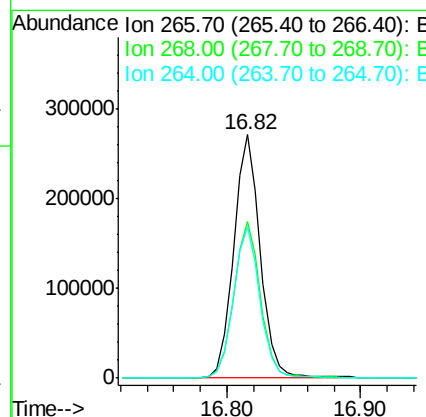
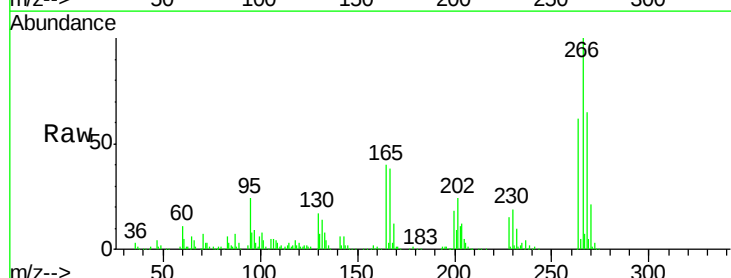
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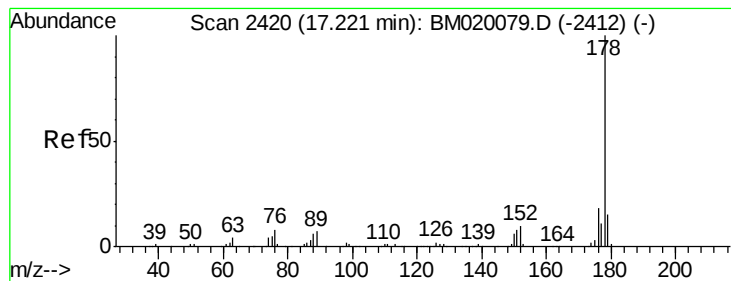
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#70
 Pentachlorophenol
 Concen: 86.918 ng
 RT: 16.82 min Scan# 2351
 Delta R.T. -0.01 min
 Lab File: BM020242.D
 Acq: 10 May 2019 15:15

Tgt Ion	Ratio	Resp Lower	Resp Upper
266	100		
268	64.6	51.4	77.0
264	62.4	52.0	78.0





#71

Phenanthrene

Concen: 37.678 ng

RT: 17.21 min Scan# 2418

Delta R.T. -0.01 min

Lab File: BM020242.D

Acq: 10 May 2019 15:15

Instrument :

BNA_M

ClientSampleId :

COMP-5.8.19MSD

Tgt Ion:178 Resp: 1119335

Ion Ratio Lower Upper

178 100

176 18.6 14.6 21.8

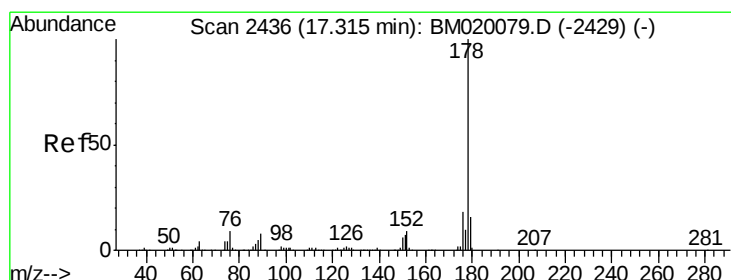
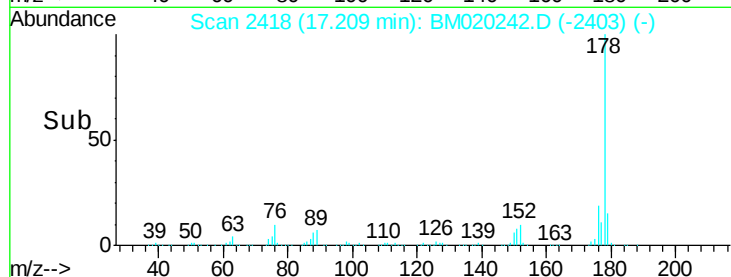
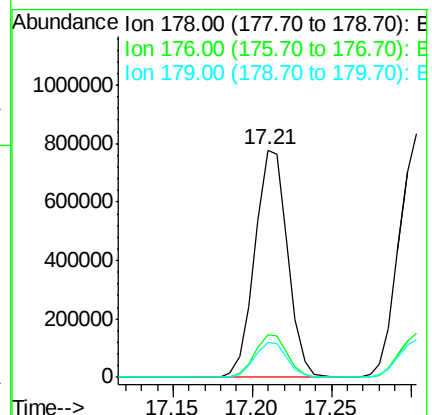
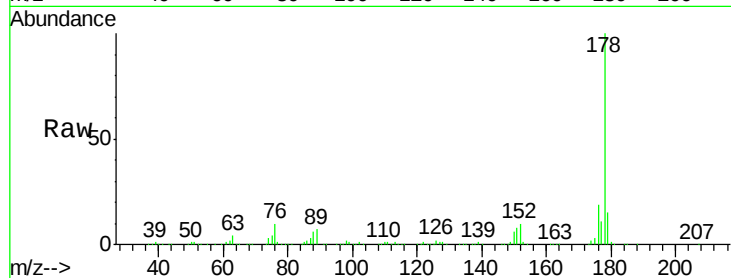
179 15.2 12.4 18.6

Manual Integrations

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#72

Anthracene

Concen: 38.742 ng

RT: 17.30 min Scan# 2434

Delta R.T. -0.01 min

Lab File: BM020242.D

Acq: 10 May 2019 15:15

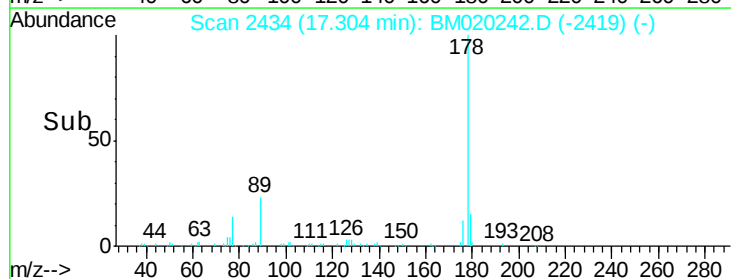
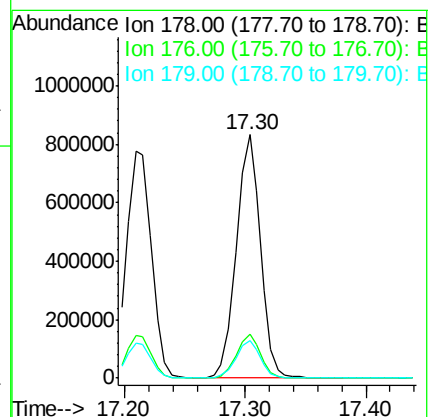
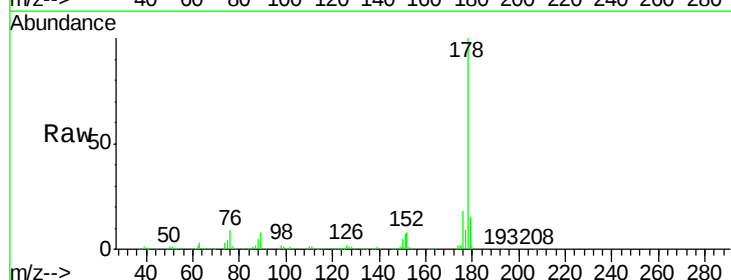
Tgt Ion:178 Resp: 1150754

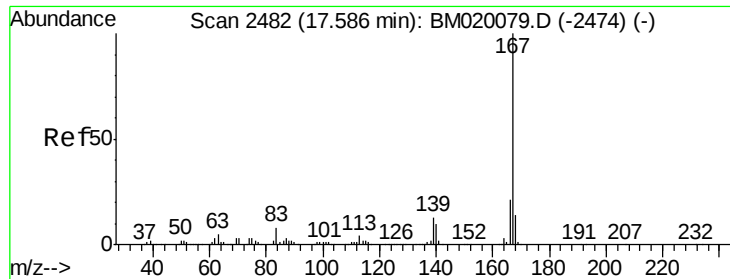
Ion Ratio Lower Upper

178 100

176 18.2 14.6 22.0

179 15.2 12.4 18.6





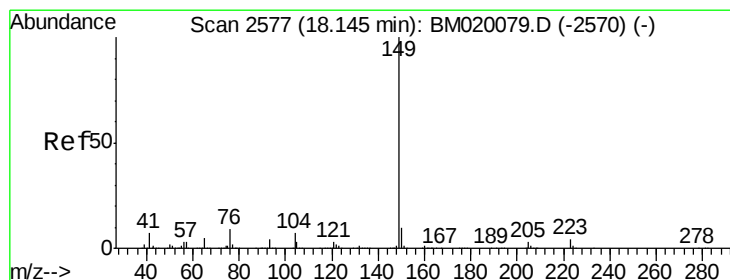
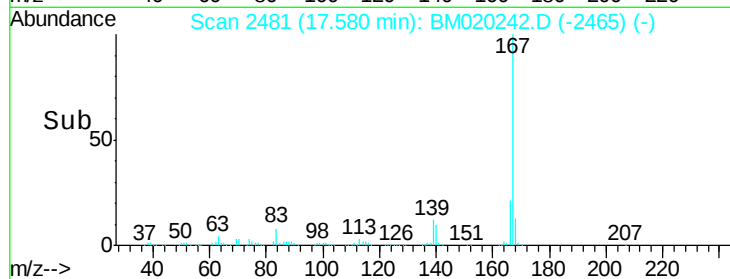
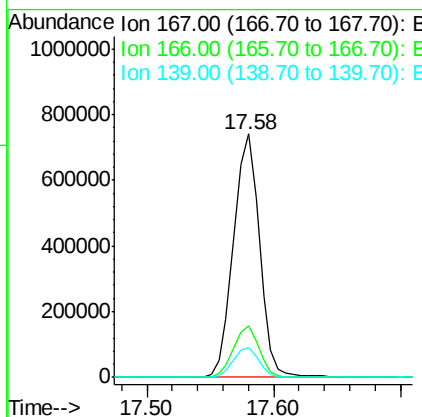
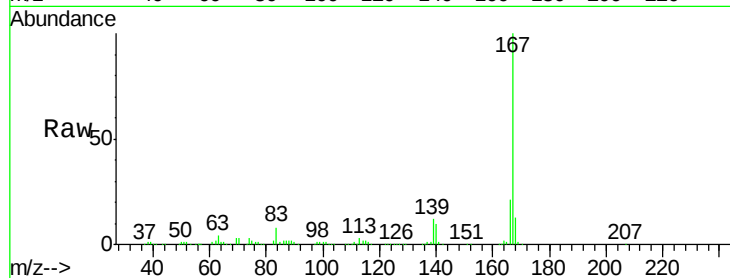
#73
 Carbazole
 Concen: 39.197 ng
 RT: 17.58 min Scan# 2481
 Delta R.T. -0.01 min
 Lab File: BM020242.D
 Acq: 10 May 2019 15:15

Instrument :
 BNA_M
 ClientSampleId :
 COMP-5.8.19MSD

Tgt Ion	Ratio	Lower	Upper
167	100		
166	21.1	17.0	25.6
139	12.3	10.6	16.0

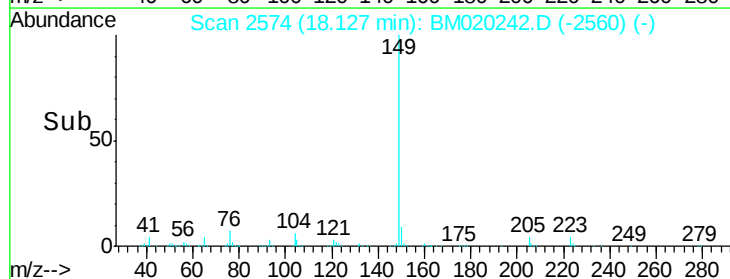
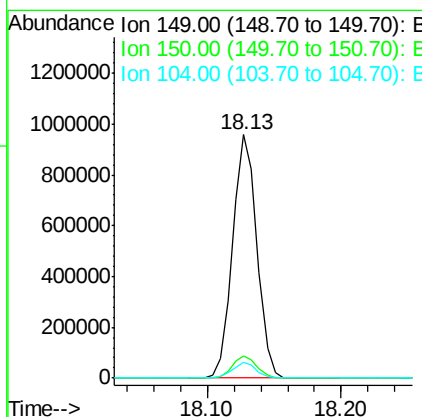
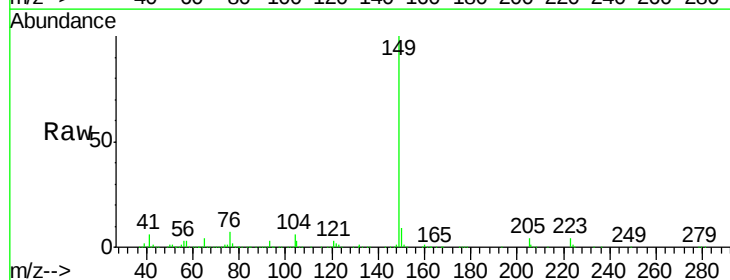
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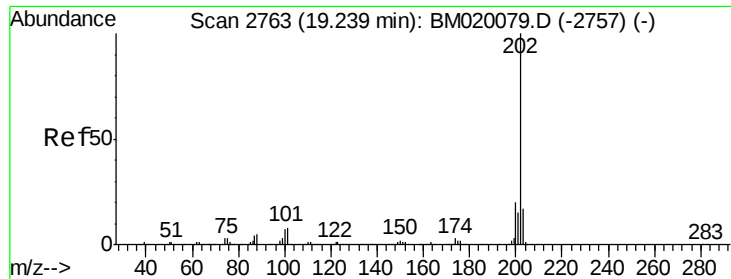
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#74
 Di-n-butylphthalate
 Concen: 37.686 ng
 RT: 18.13 min Scan# 2574
 Delta R.T. -0.02 min
 Lab File: BM020242.D
 Acq: 10 May 2019 15:15

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.2	7.8	11.6
104	6.4	5.7	8.5





#75

Fluoranthene

Concen: 39.444 ng

RT: 19.23 min Scan# 2761

Delta R.T. -0.01 min

Lab File: BM020242.D

Acq: 10 May 2019 15:15

Instrument :

BNA_M

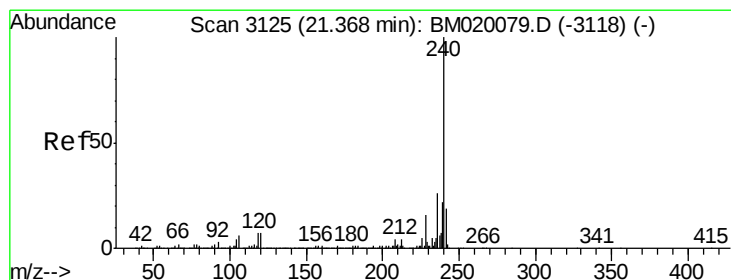
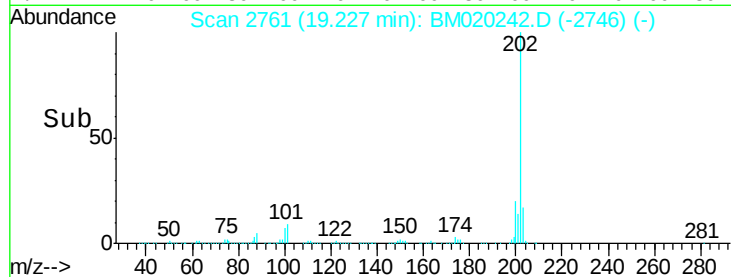
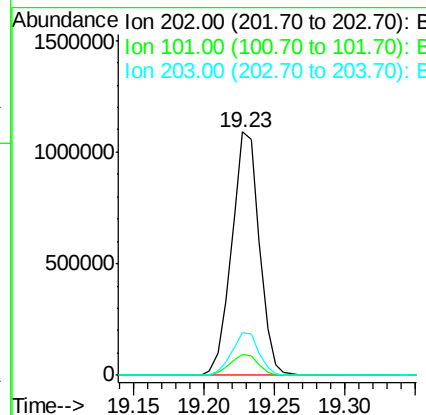
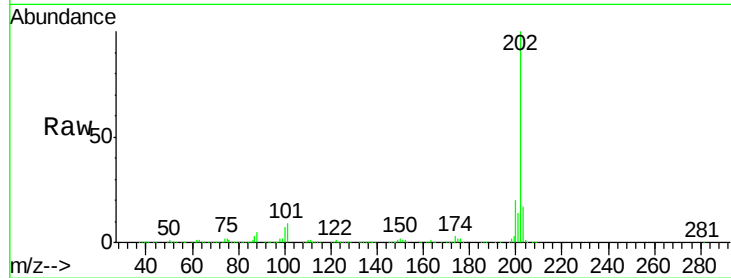
ClientSampleId :

COMP-5.8.19MSD

Tgt Ion:	202	Resp:	1482624
Ion Ratio	Lower	Upper	
202	100		
101	8.8	0.0	28.4
203	17.5	0.0	37.4

Manual Integrations
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#76

Chrysene-d12

Concen: 20.000 ng

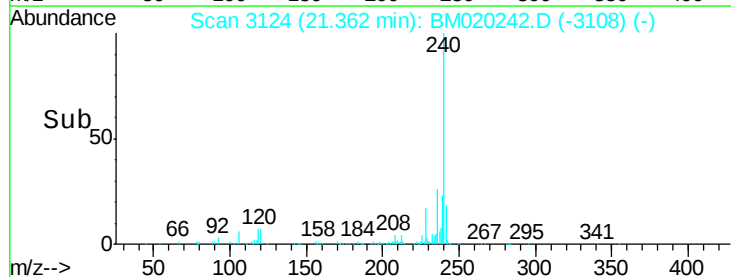
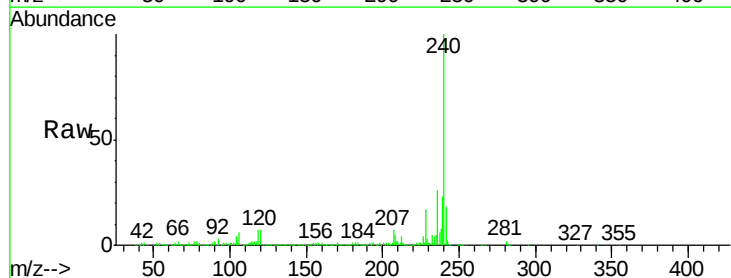
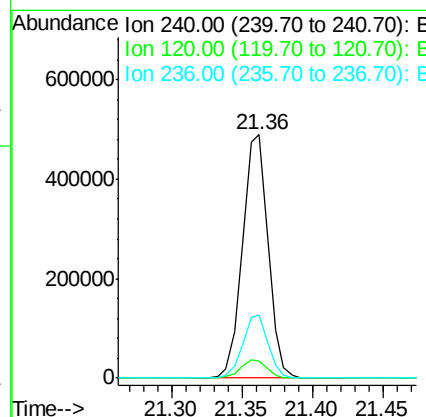
RT: 21.36 min Scan# 3124

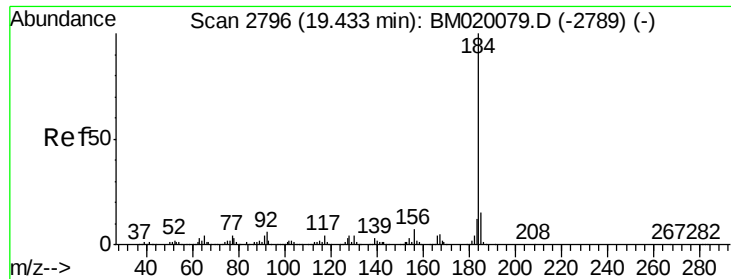
Delta R.T. -0.01 min

Lab File: BM020242.D

Acq: 10 May 2019 15:15

Tgt Ion:	240	Resp:	618603
Ion Ratio	Lower	Upper	
240	100		
120	7.0	5.6	8.4
236	26.2	20.9	31.3





#77

Benzidine

Concen: 33.580 ng

RT: 19.43 min Scan# 2795

Delta R.T. -0.01 min

Lab File: BM020242.D

Acq: 10 May 2019 15:15

Instrument :

BNA_M

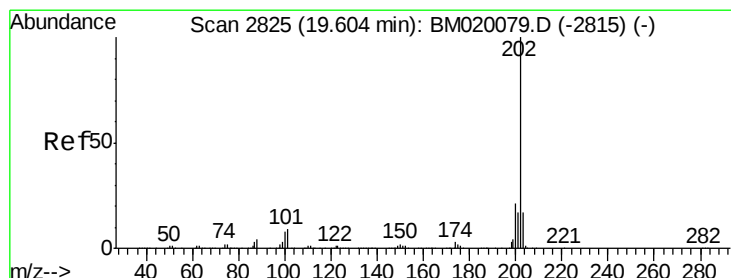
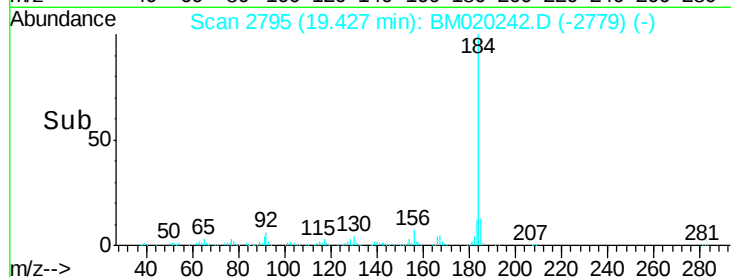
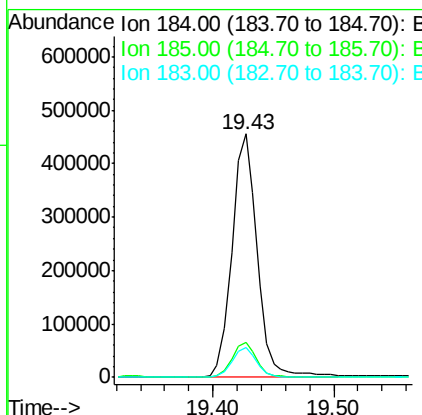
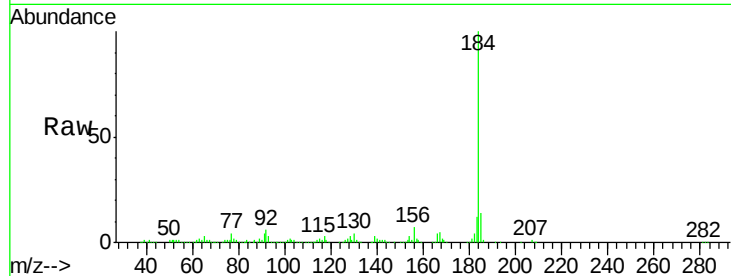
ClientSampleId :

COMP-5.8.19MSD

Tgt Ion:	184	Resp:	664117
Ion Ratio		Lower	Upper
184	100		
185	14.1	12.0	18.0
183	12.0	9.5	14.3

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#78

Pyrene

Concen: 36.280 ng

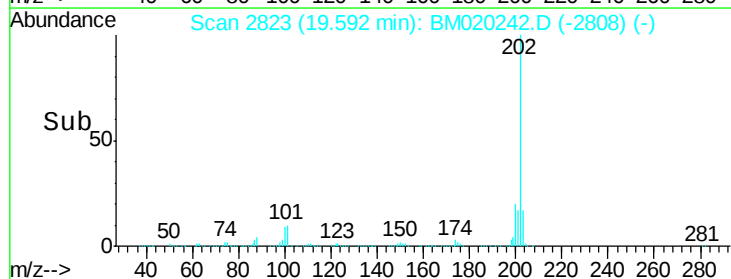
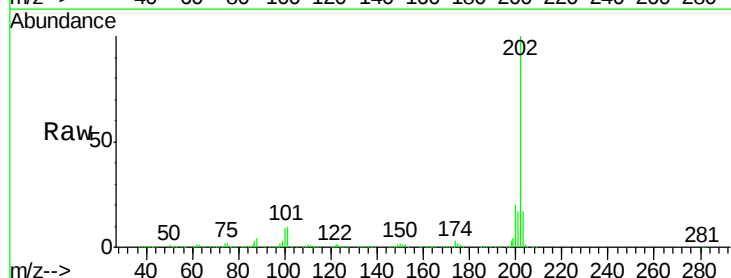
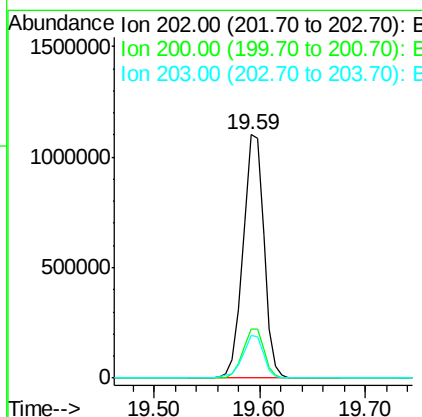
RT: 19.59 min Scan# 2823

Delta R.T. -0.01 min

Lab File: BM020242.D

Acq: 10 May 2019 15:15

Tgt Ion:	202	Resp:	1506788
Ion Ratio		Lower	Upper
202	100		
200	20.4	16.5	24.7
203	17.3	13.9	20.9





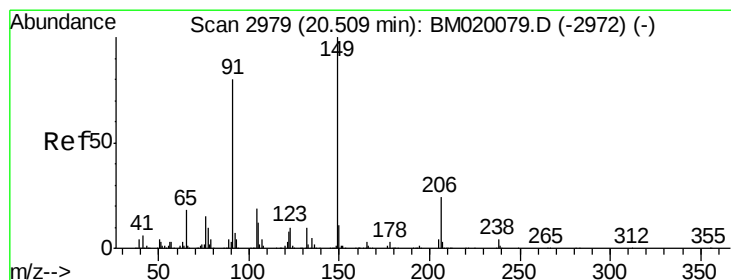
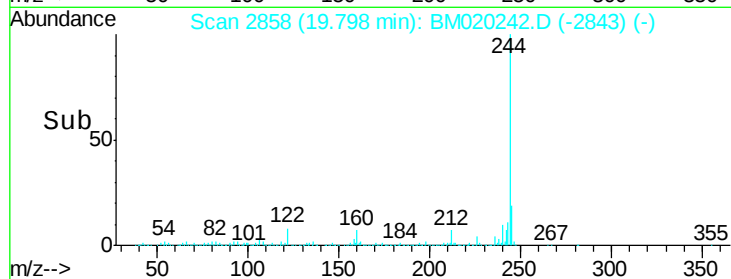
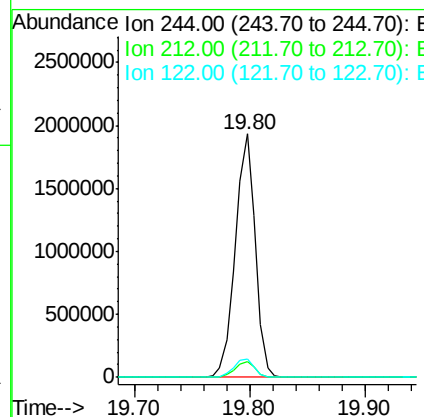
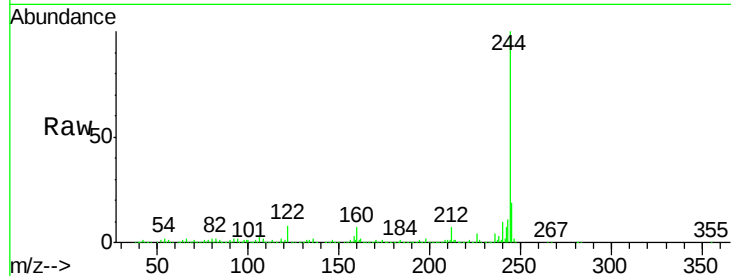
#79
 Terphenyl-d14
 Concen: 64.950 ng
 RT: 19.80 min Scan# 2858
 Delta R.T. -0.01 min
 Lab File: BM020242.D
 Acq: 10 May 2019 15:15

Instrument :
 BNA_M
 ClientSampleId :
 COMP-5.8.19MSD

Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.6	5.7	8.5
122	7.7	6.2	9.2

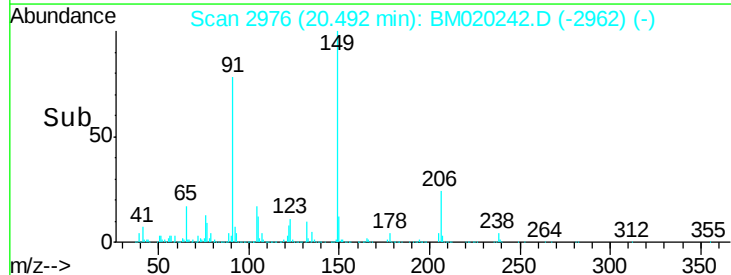
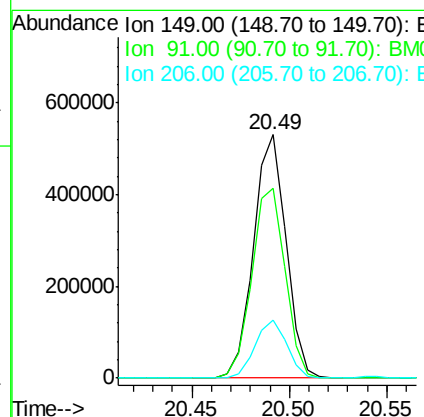
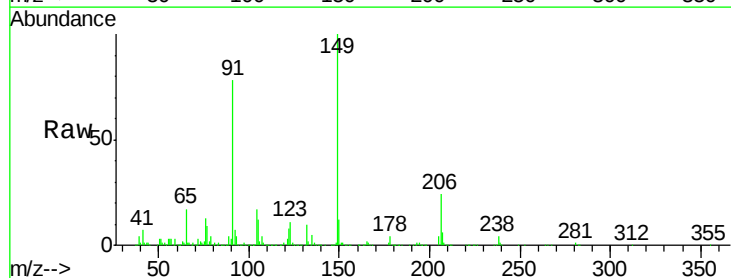
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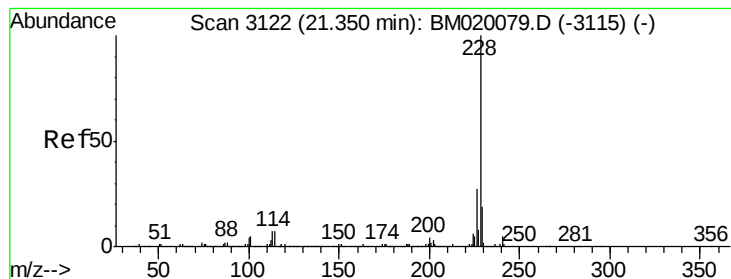
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#80
 Butylbenzylphthalate
 Concen: 40.512 ng
 RT: 20.49 min Scan# 2976
 Delta R.T. -0.02 min
 Lab File: BM020242.D
 Acq: 10 May 2019 15:15

Tgt Ion	Ratio	Lower	Upper
149	100		
91	77.8	63.8	95.8
206	23.6	18.9	28.3





#81

Benzo(a)anthracene

Concen: 36.112 ng

RT: 21.34 min Scan# 3121

Delta R.T. -0.01 min

Lab File: BM020242.D

Acq: 10 May 2019 15:15

Instrument :

BNA_M

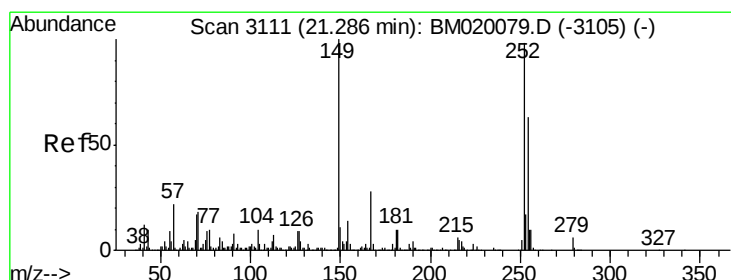
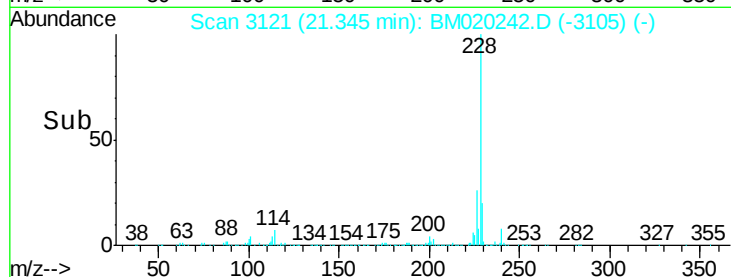
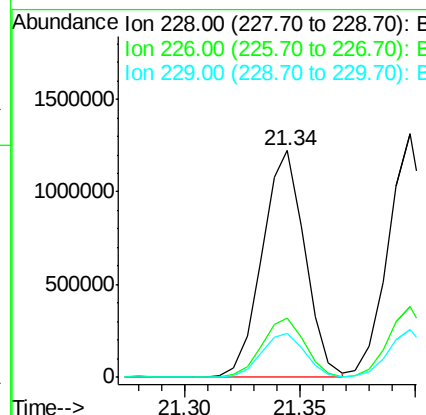
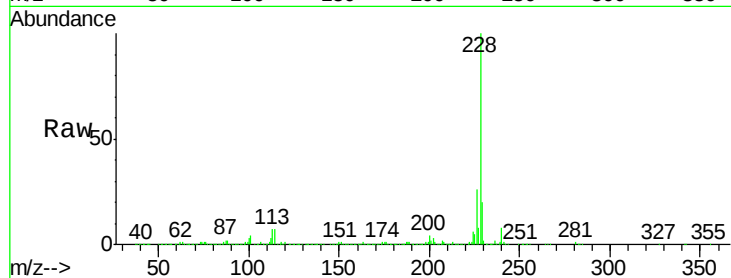
ClientSampleId :

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Tgt Ion:	228	Resp:	1566614
Ion	Ratio	Lower	Upper
228	100		
226	26.3	21.3	31.9
229	19.5	15.5	23.3

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#82

3,3'-Dichlorobenzidine

Concen: 28.096 ng

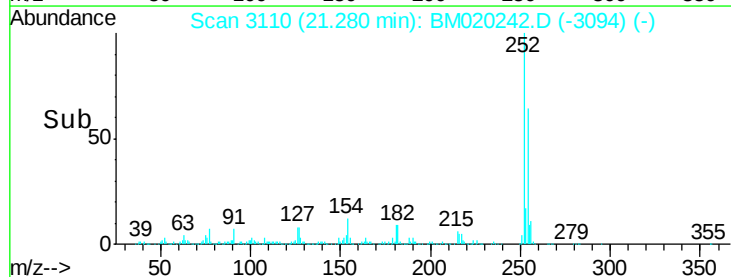
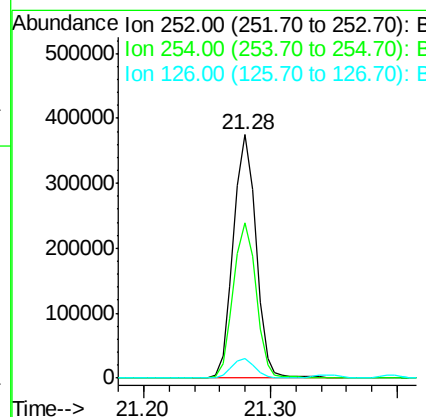
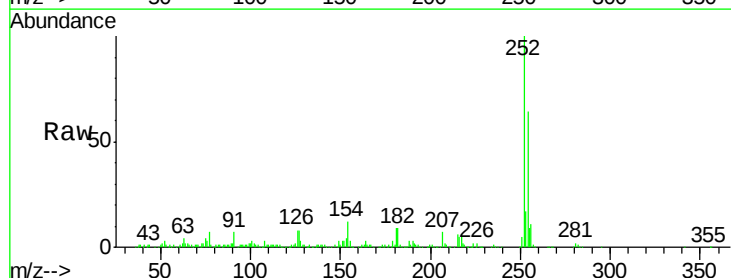
RT: 21.28 min Scan# 3110

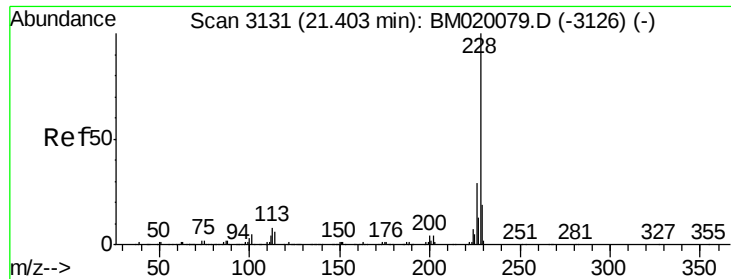
Delta R.T. -0.01 min

Lab File: BM020242.D

Acq: 10 May 2019 15:15

Tgt Ion:	252	Resp:	465210
Ion	Ratio	Lower	Upper
252	100		
254	64.0	51.1	76.7
126	8.2	7.1	10.7





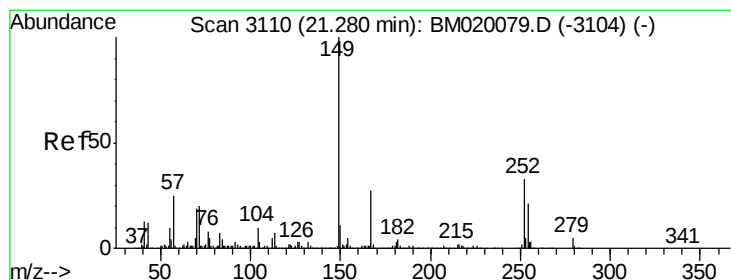
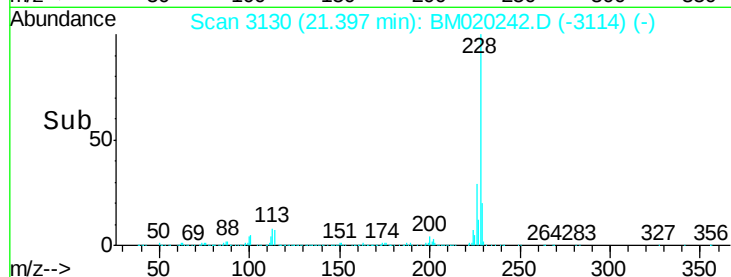
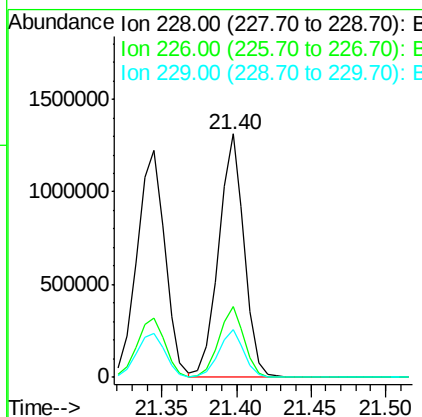
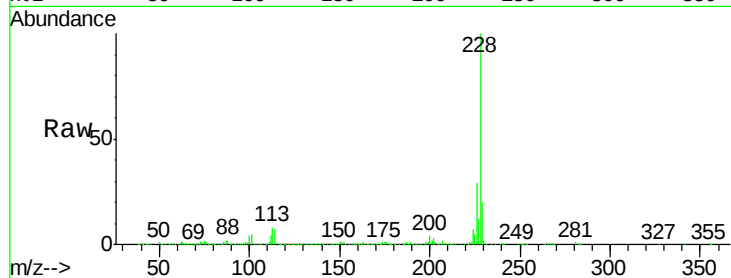
#83
 Chrysene
 Concen: 37.138 ng
 RT: 21.40 min Scan# 3130
 Delta R.T. -0.01 min
 Lab File: BM020242.D
 Acq: 10 May 2019 15:15

Instrument :
 BNA_M
 ClientSampleId :
 COMP-5.8.19MSD

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.1	23.0	34.6
229	19.6	15.5	23.3

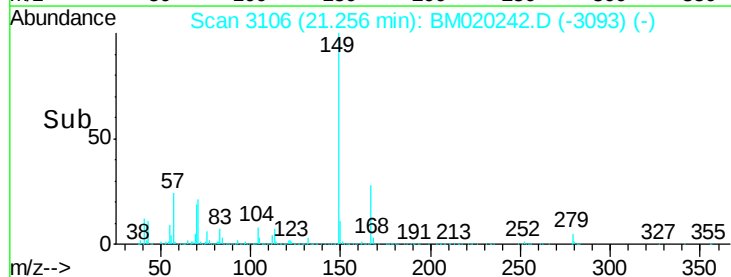
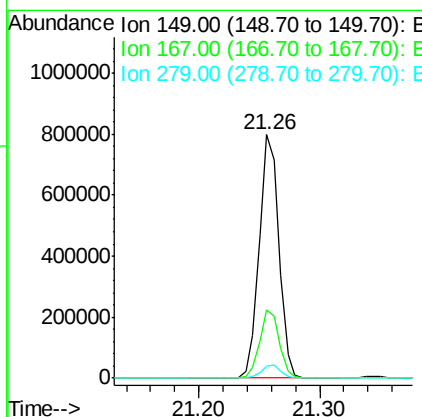
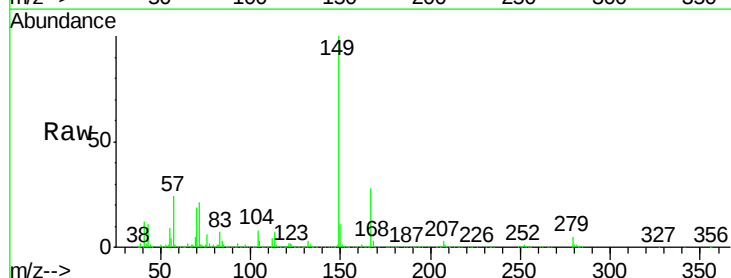
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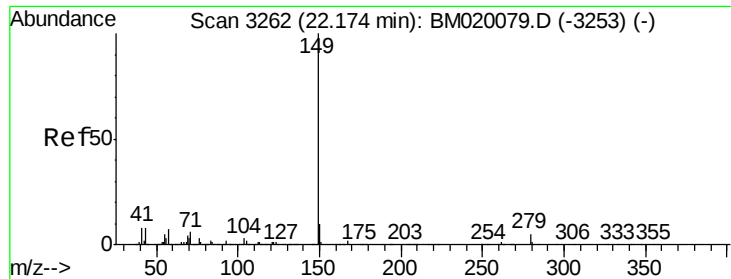
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#84
 Bis(2-ethylhexyl)phthalate
 Concen: 38.808 ng
 RT: 21.26 min Scan# 3106
 Delta R.T. -0.02 min
 Lab File: BM020242.D
 Acq: 10 May 2019 15:15

Tgt Ion	Ratio	Lower	Upper
149	100		
167	28.2	21.8	32.8
279	4.8	4.2	6.2





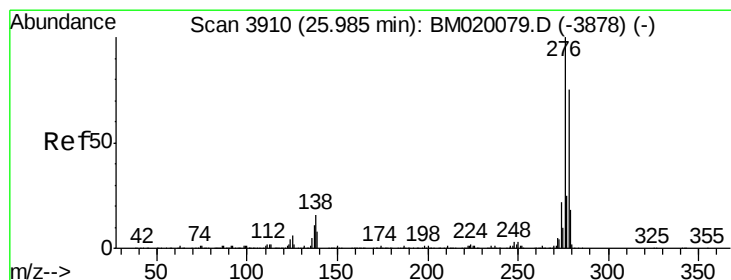
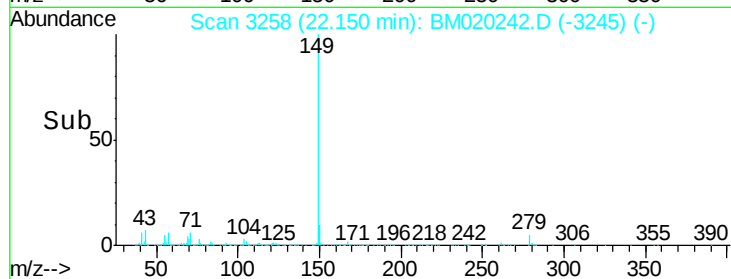
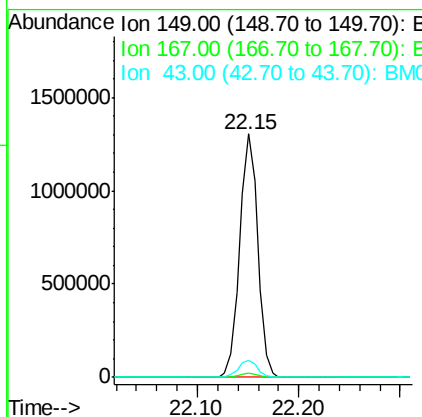
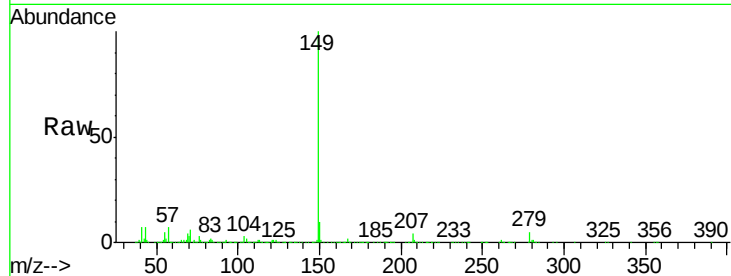
#85
Di-n-octyl phthalate
Concen: 41.279 ng
RT: 22.15 min Scan# 3258
Delta R.T. -0.02 min
Lab File: BM020242.D
Acq: 10 May 2019 15:15

Instrument :
BNA_M
ClientSampleId :
COMP-5.8.19MSD

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.8	1.3	1.9
43	7.1	6.5	9.7

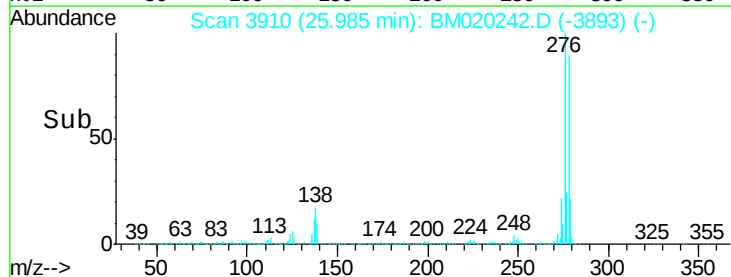
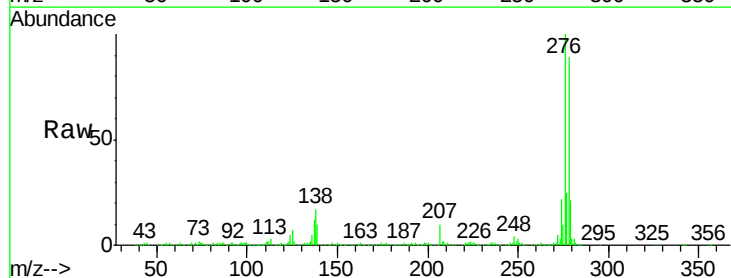
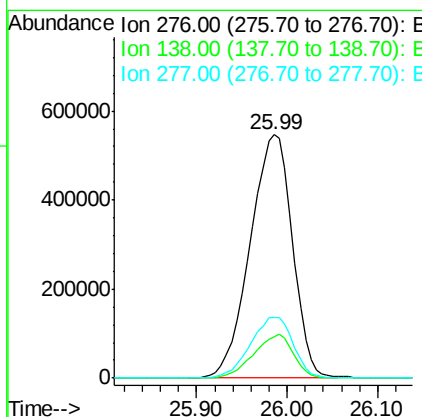
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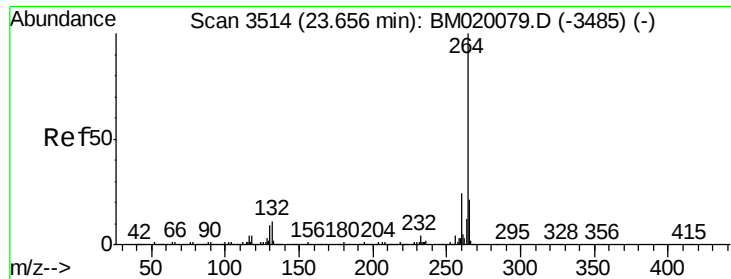
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#86
Indeno(1,2,3-cd)pyrene
Concen: 35.554 ng
RT: 25.99 min Scan# 3910
Delta R.T. -0.00 min
Lab File: BM020242.D
Acq: 10 May 2019 15:15

Tgt Ion	Ratio	Lower	Upper
276	100		
138	17.0	0.0	0.0#
277	25.2	0.0	0.0#





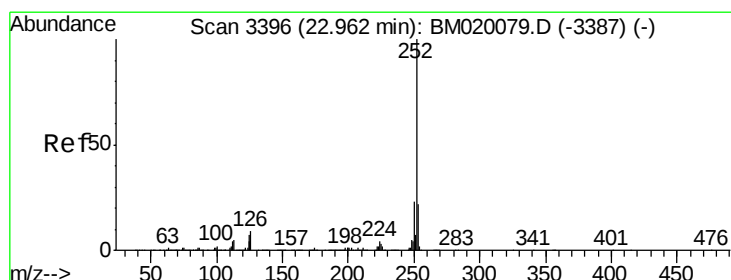
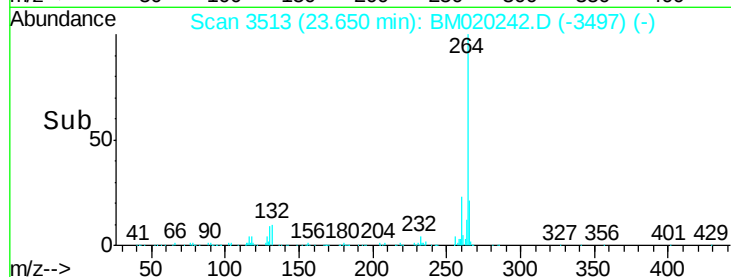
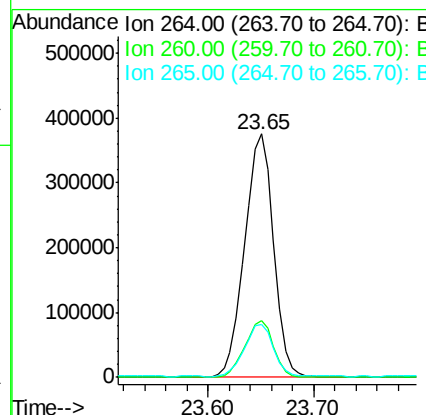
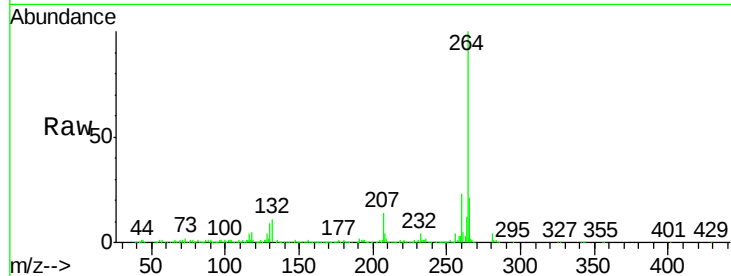
#87
Perylene-d12
Concen: 20.000 ng
RT: 23.65 min Scan# 3513
Delta R.T. -0.01 min
Lab File: BM020242.D
Acq: 10 May 2019 15:15

Instrument :
BNA_M
ClientSampleId :
COMP-5.8.19MSD

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.1	19.2	28.8
265	21.5	16.9	25.3

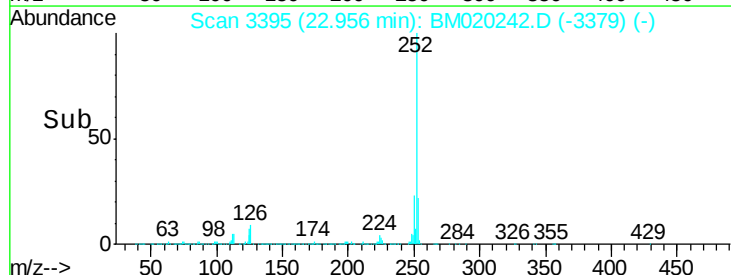
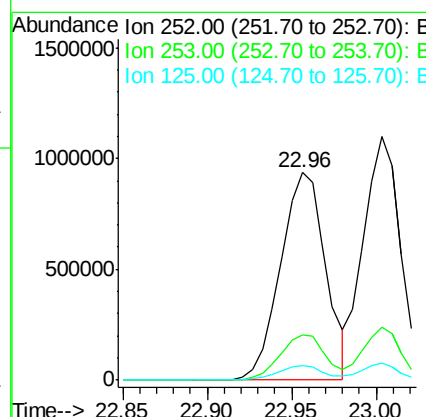
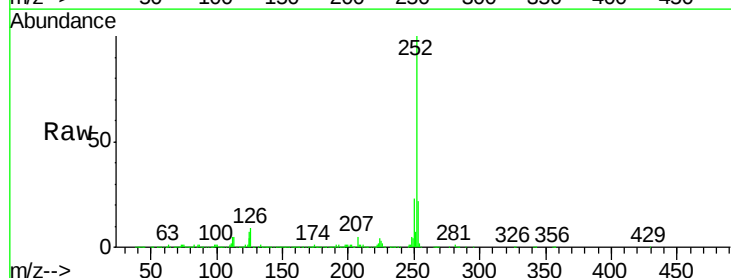
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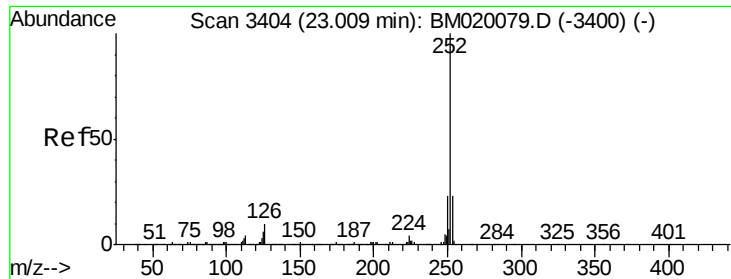
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#88
Benzo(b)fluoranthene
Concen: 36.660 ng
RT: 22.96 min Scan# 3395
Delta R.T. -0.01 min
Lab File: BM020242.D
Acq: 10 May 2019 15:15

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.5	26.3
125	7.3	5.4	8.2





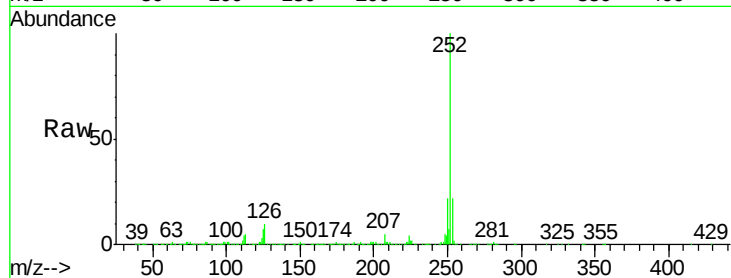
#89
Benzo(k)fluoranthene
Concen: 38.916 ng
RT: 23.00 min Scan# 3403
Delta R.T. -0.01 min
Lab File: BM020242.D
Acq: 10 May 2019 15:15

Instrument :
BNA_M
ClientSampleId :
COMP-5.8.19MSD

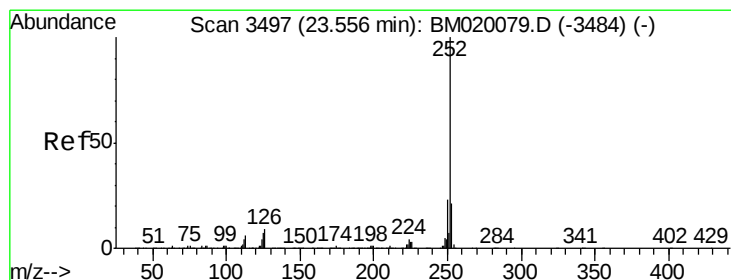
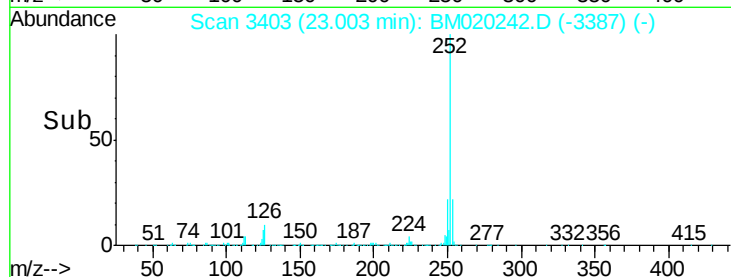
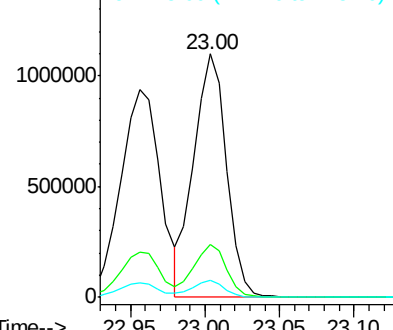
Tgt Ion: 252 Resp: 1676932
Ion Ratio Lower Upper
252 100
253 21.7 17.8 26.8
125 6.8 5.4 8.0

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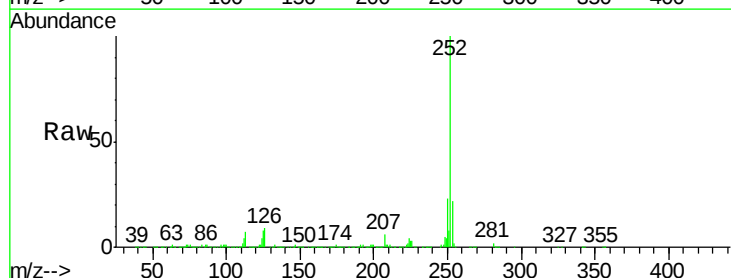


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

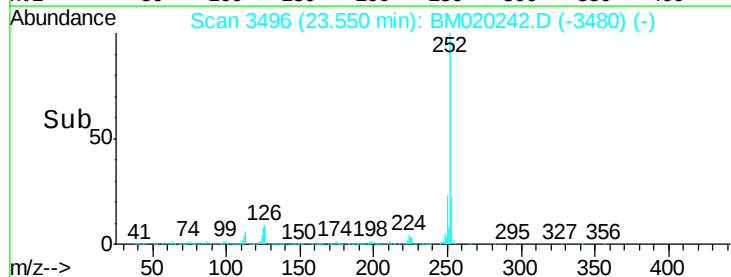
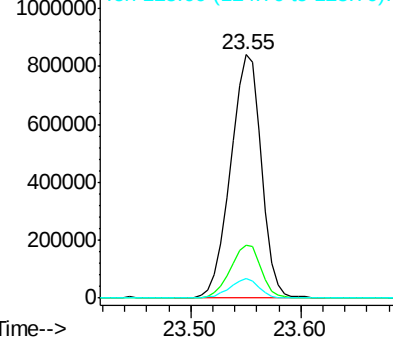


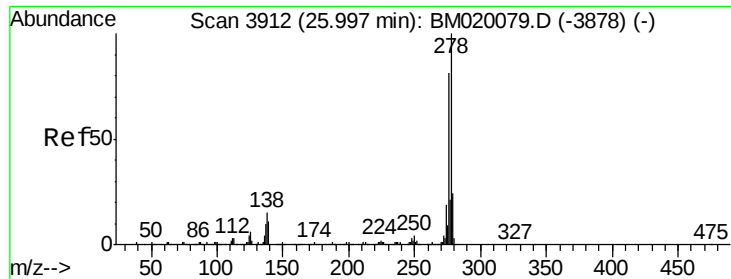
#90
Benzo(a)pyrene
Concen: 38.349 ng
RT: 23.55 min Scan# 3496
Delta R.T. -0.01 min
Lab File: BM020242.D
Acq: 10 May 2019 15:15

Tgt Ion: 252 Resp: 1645498
Ion Ratio Lower Upper
252 100
253 21.8 17.0 25.6
125 8.2 5.5 8.3



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





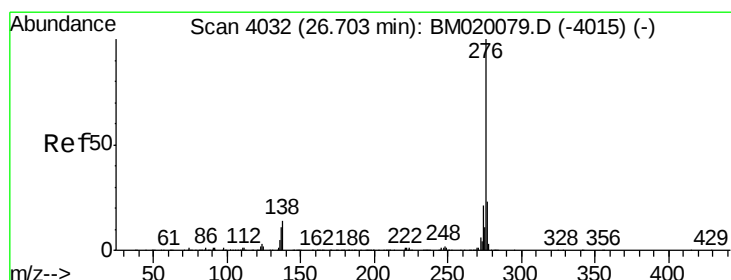
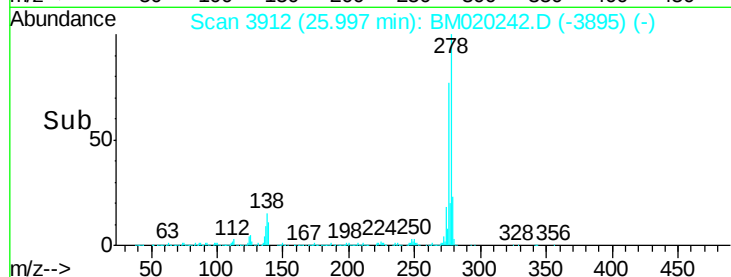
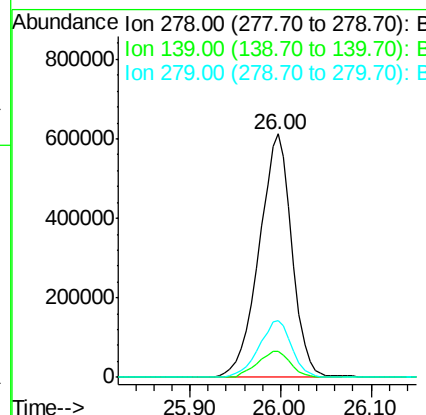
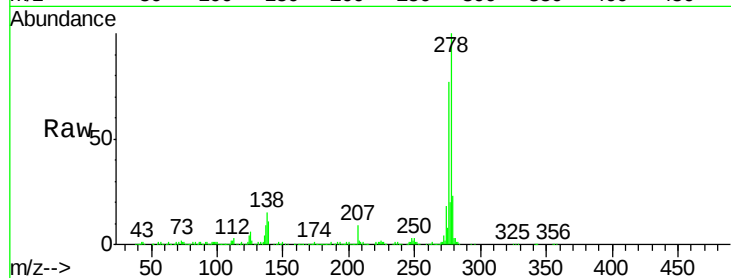
#91
Dibenzo(a,h)anthracene
Concen: 34.585 ng
RT: 26.00 min Scan# 3912
Delta R.T. -0.00 min
Lab File: BM020242.D
Acq: 10 May 2019 15:15

Instrument :
BNA_M
ClientSampleId :
COMP-5.8.19MSD

Tgt Ion: 278 Resp: 1543300
Ion Ratio Lower Upper
278 100
139 10.7 8.6 13.0
279 23.5 18.8 28.2

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#92
Benzo(g,h,i)perylene
Concen: 32.894 ng
RT: 26.70 min Scan# 4032
Delta R.T. -0.00 min
Lab File: BM020242.D
Acq: 10 May 2019 15:15

Tgt Ion: 276 Resp: 1393582
Ion Ratio Lower Upper
276 100
277 23.8 18.4 27.6
138 14.0 11.1 16.7

